

2010

# SONANCE PRODUCT GUIDE



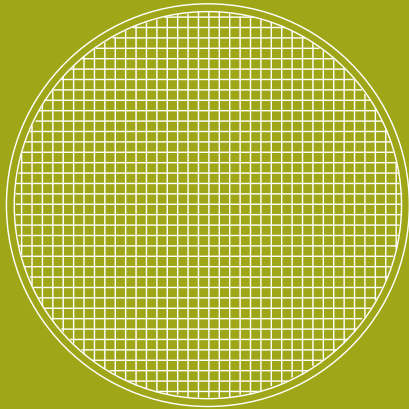
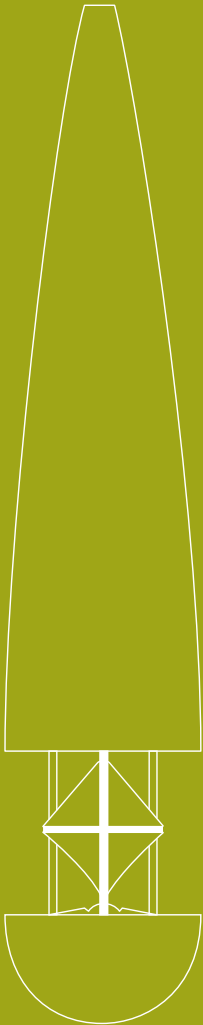
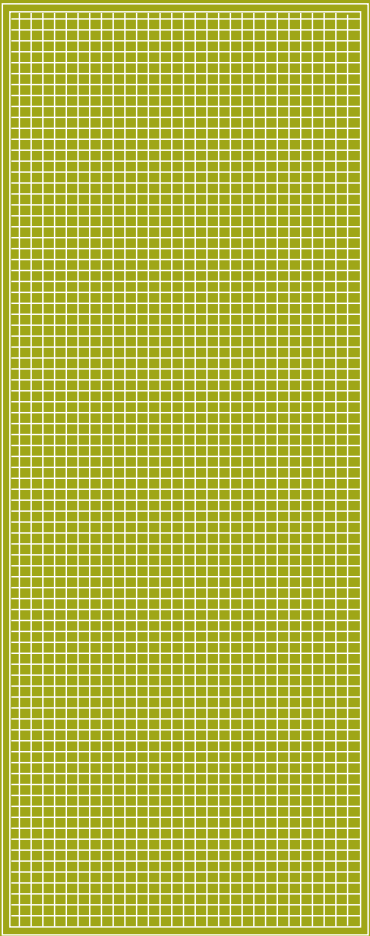
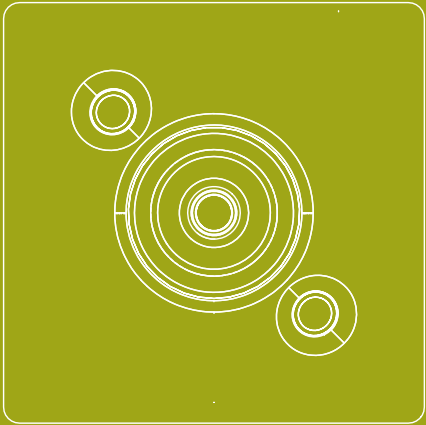
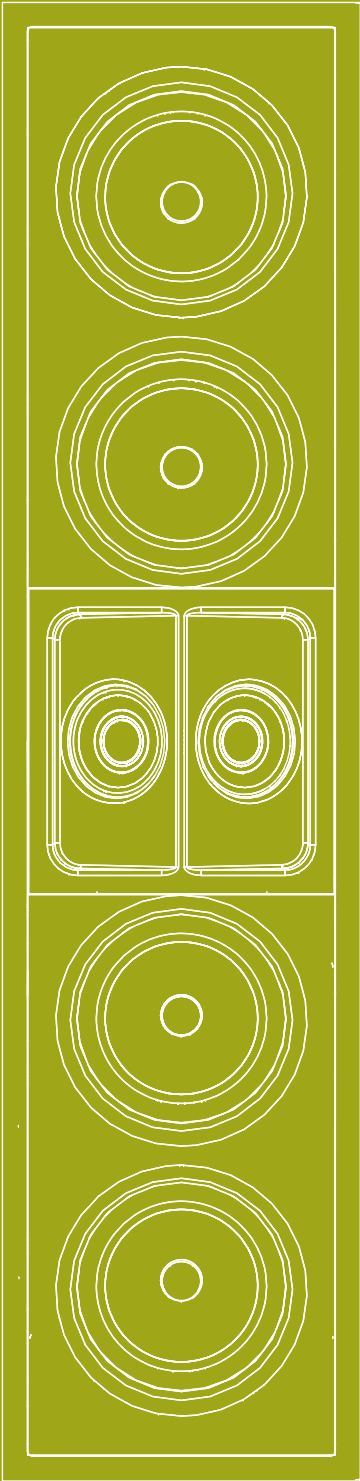
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INVENT. LEAD. REINVENT.



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### NEW DEALER PROGRAMS AND ONGOING SUPPORT PROGRAMS

As your business partner, Sonance® offers several programs to our new and continuing dealers for displaying, demonstrating and selling Sonance products. Please contact your Sonance Representative for further details.

### PURCHASING OPTIONS

We accept Visa, MasterCard, and American Express.

### ORDERING INFORMATION

Sonance continues to offer you the best in customer care and product selection. For your ordering convenience, you can order by phone, fax, or SonalinQ. SonalinQ is our business-to-business extranet, and it is available 24 hours a day, 7 days a week. Through SonalinQ, you can place an order, check the status of an order, and look up product specifications and pricing when it is convenient for you.

**SONALINQ®:** [HTTP://LOGIN.SONANCE.COM](http://login.sonance.com)

**TO PLACE AN ORDER BY PHONE:** (800) 582-0771

**TO FAX AN ORDER:** (800) 538-5151  
(949) 361-5151

**TECHNICAL QUESTIONS:** (800) 582-0772

**GENERAL/ADMINISTRATION:** (800) 582-7777  
(949) 492-7777

### SHIPPING

Sonance ensures your order will be shipped promptly. We offer a variety of shipping methods to meet your requirements. Please inquire at the time you place your order as to the best shipping method.

### NOTES

**Grilles:** Metal or cloth grilles are available where noted.

**Weather Resistance:** Sonance weather-resistant models include:

Visual Performance® Extremes, Mariner, and Sonance Extremes. Weather-resistant speakers feature non-corroding screws, coated dustcaps, protected connectors, and aluminum grilles. They will tolerate occasional exposure to moisture. These speakers are not waterproof.

**Painting:** Speakers, grilles, and frames come in a matte white finish that can be painted.

### WARRANTY

Please contact our Customer Care Department at (800) 582-0772 for complete warranty details for all products (i.e., warranty period, exclusions, additional limitations, obtaining authorized service, etc.).

Sonance and iPort warrant, to the first end-user purchaser, that our products, when purchased from an authorized Dealer/Distributor and installed by a certified Installer, will be free from defective workmanship and materials. Sonance and iPort will, at its option and expense during the warranty period (warranty periods vary by product), either repair the defect or replace the product with a new or remanufactured product or a reasonable equivalent. All warranties are non-transferable.

To qualify for the warranty, you must (1) contact your authorized Sonance or iPort Dealer/Installer or call our Customer Care Department at (800) 582-0772 within the warranty period, (2) obtain a Return Materials Authorization (RMA) number, and (3) deliver the product to Sonance or iPort (shipping prepaid) during the warranty period, together with the original sales receipt, invoice, or other satisfactory proof of purchase.

### MERCHANDISE RETURN

Prior to returning any merchandise for service, exchange, or credit, approval must be authorized by Sonance and an RMA number assigned. This number must appear on every shipping carton, or the shipment will be refused and returned to the customer. All returned products must match the authorized quantity and part numbers issued on the RMA. The customer is responsible for any discrepancies in quantity or product. Additional returned products not covered by the RMA will be returned to the customer or will be subject to a 25% restocking fee at Sonance's discretion. Product claimed "defective" that shows no defect will result in return to the customer or imposition of a 25% restocking fee at Sonance's option. No credit will be issued when the returned merchandise displays signs of misuse or abuse.

Please ensure all returns are packed in their original packaging. No credit will be issued for products returned in poor packaging that has resulted in shipping damage. Damaged product and poor packaging will be returned to the customer of origin. No repair will proceed if product is returned in poor packaging that has resulted in shipping damage. Any product returned for service will be repaired or replaced at Sonance's option consistent with Sonance's repair policy.

Any merchandise returned for credit is subject to a 25% restocking fee. This fee will be waived with a three to one offsetting order. Customer is responsible for shipping charges.

**NOTE:** Items returned which were not purchased from an authorized dealer will not be repaired. They will be returned "as is" to the sender freight collect.

**NOTE:** Discontinued items are not eligible for return but may still qualify for a warranty

**SONANCE**  
212 Avenida Fabricante  
San Clemente, CA 92672-7531  
[WWW.SONANCE.COM](http://www.sonance.com)

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## AWARD-WINNING SONANCE PRODUCTS

# OUR WALL OF FAME

### ASSOCIATION MEMBERSHIPS



### SPONSORSHIPS



Volunteer of the Year



CE Pro  
BEST Award  
Sonance Cinema Series  
In-Ceiling Speakers

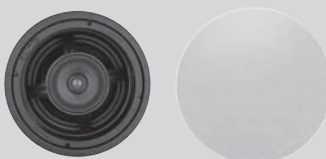


Excite Award for  
Outstanding Design  
Sonance Cinema Series  
In-Ceiling Speakers

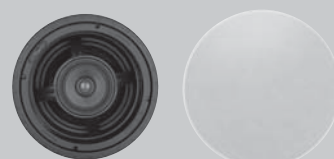
2009



CEDIA  
Product Hall Of Fame  
Sonance I Speaker



CEDIA  
Manufacturer Excellence Award  
2008 Best New Product  
Visual Performance Series



Excite Award for Excellence  
in Custom-Installed  
Technologies and Electronics  
Visual Performance Series

2008



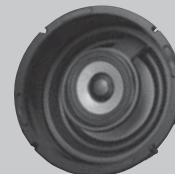
Audioholics  
Consumer Excellence Award  
VP67R



Excite Award for Excellence  
in Custom-Installed  
Technologies and Electronics  
Architectural Series



Excite Award for Excellence  
in Custom-Installed  
Technologies and Electronics  
iPort FS



CEDIA Award  
Best New Product  
Architectural Series

2007



Electronic House Award  
Product of the Year  
Architectural Series



Residential Systems Award  
Best Speakers  
Architectural Series



Residential Systems Award  
Product Design of the Year  
Architectural Series



ADEX Awards  
Mariner – Silver  
Symphony – Gold



Electronic House  
Product of the Year  
Virtuoso V834DR



EHX Multi-Room Audio/Video Award  
Best In-Ceiling Speakers  
(\$1,000 or more/pair)  
Symphony S625TR



EHX Multi-Room  
Audio/Video Award  
Best Outdoor Speakers  
Mariner 82



TecHomeBuilder  
High Impact Product of the Year  
DAB1 Distributed Audio System



Audio Video International  
Hi-Fi Grand Prix Award  
Symphony Extreme XT



Electronic House  
Product of the Year  
Cinema Ultra II THX Speakers



EHX  
Distributed Audio Award  
DAB1 Distributed Audio System



CES Innovations Award for  
Design and Engineering  
Trio Triple Tuner



CES Innovations Award  
ADEX Award for Design Excellence  
Ellipse 1.0 LCR In-Ceiling Speakers



CEDIA – Best Custom  
Installation Product of the Year  
Symphony Extreme Speakers



Excite Award for Excellence  
in Custom-Installed  
Technologies and Electronics  
Ellipse 2.0



**CES  
Innovations Award**  
Sonamp SAT275

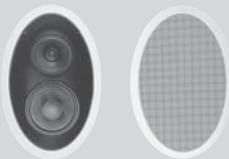


**Electronic House Product of the Year  
ADEX Award for Design Excellence**  
Navigator K2 In-Wall Keypad

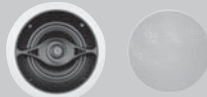


**Excite Award for Excellence  
in Custom-Installed Technologies  
and Electronics**  
Navigator K2 In-Wall Keypad

2003



**Electronic House  
Product of the Year**  
Ellipse 1.0 LCR  
In-Ceiling Speakers



**Audio Video International  
Hi-Fi Grand Prix Award**  
Sonamp ASAP2SAT Amplifier  
Symphony 622TR In-Ceiling  
Speakers



**CEDIA Lifetime Achievement Award**  
**SCOTT STRUTHERS (SONANCE COFOUNDER)**  
For his innovations in the custom  
installation industry. Credited with  
inventing the in-wall speaker concept for  
residential use.



**CE Pro Product of the Year**  
Silhouette In-Wall Speakers

2002



**Audio Video International  
Hi-Fi Grand Prix Award**  
Virtuoso 832<sup>DR</sup>  
In-Ceiling Speakers



**Electronic House Product of the Year**  
Virtuoso In-Ceiling Speakers



**Audio Video International  
Hi-Fi Grand Prix Award**  
Symphony 634<sub>i</sub> In-Wall Speakers



**Audio Video International  
Hi-Fi Grand Prix Award**  
Mariner 200 Outdoor Speakers

2001



**Audio Video International  
Hi-Fi Grand Prix Award**  
Sonamp 1250MKII Amplifier



**2000 CES Innovations Award**  
Silhouette In-Wall Speakers

2000



INVENT. LEAD. REINVENT.

# THE SONANCE STORY

In 1982, Sonance® invented the in-wall speaker, forever changing the relationship between audio and architecture.



Sonance founders  
Scott Struthers and Geoff Spencer  
founded Sonance in 1983.



With its introduction of the first in-wall speakers for the consumer market, Sonance forever changed the way architects and interior designers could integrate sound into the design of a room. In originating the idea of the in-wall speaker, suddenly the placement of speakers was limitless, with both the walls and ceilings becoming part of the blank canvas for the architect and designer. With Sonance, speakers could be less obtrusive, but no less acoustically precise. With Sonance, speakers made sound an element of design — like light, form, and color.

That creative freedom, that power to see architecture and audio blending in new ways, is what Sonance has always offered the design community and its clients. At the same time, Sonance has continued to innovate, leading the industry to solutions that designers, custom installers, and design-sensitive audiophiles recognize as truly breakthrough.

Years after we invented the first in-wall speaker, Sonance continues to set the standard for premium loudspeakers, bridging the gap between aesthetic appeal and acoustic performance — and transforming the choice of speaker from an afterthought to an integral element of design.

Blending architecture, design, and audio, Sonance continues to invent, lead, and reinvent the in-wall speaker category — constantly changing the way the world looks at audio.

# ARCHITECTURAL SERIES

## THE FIRST TRULY FLUSH-MOUNT, TRIMLESS SPEAKER

Take a good look at Sonance Architectural Series®, and you'll never look at speakers the same way again. The first perfectly flush, completely trimless in-wall and in-ceiling speakers precisely align with the surrounding surface to seamlessly integrate our legendary sound quality into your unique design vision. With Sonance Architectural Series, there's no reason for audio quality to come at the expense of design integrity.







## HOW TO ORDER

For information on how to become an Architectural Series certified dealer and to obtain pricing, please contact your Sonance representative.

## SIZES, SHAPES, MODEL NUMBERS

	Round	Square	Rectangle
Small	Z4R / X4R	Z4S / X4S	Z4 / X4
Medium	Z6R / X6R	Z6S / X6S	Z6 / X6
Large	Z8R / X8R	Z8S / X8S	Z8 / Z8F / X8
Woofer	X8WR*	X8WS*	X8W*
ThinLine	X6R TL	X6S TL	X6 TL

Shallow depths allow installation in areas that cannot accommodate conventional speakers.

**Single-Stereo** X6R SST X6S SST

Combine left and right signals into one speaker — perfect for use in small spaces.

\*Requires a Sonamp® A800 amplifier (available separately, see page 65).

## BPS-1 Bandpass Subwoofer



The Architectural Series Bandpass Subwoofer (BPS-1) adds deep, powerful bass to any audio system. Remaining completely hidden from view, the BPS-1 delivers its bass energy utilizing an Architectural Series mounting platform and a bandpass connector (both available separately). The Architectural Series grille provides a discreet complement to the surrounding architectural space. Requires a Sonamp A150 amplifier (available separately, see page 43).

## ACOUSTIC PERFORMANCE LEVELS

### (Z) Reference-quality beryllium drivers

Reference-quality beryllium drivers represent the absolute state of the art in home audio.

### (X) Audiophile-quality carbon fiber drivers

Audiophile-quality carbon fiber drivers that are sure to please the most discriminating listener.

## MOUNTING PLATFORMS

### Gypsum Panel Bracket

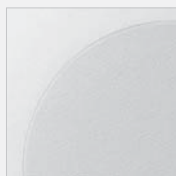
Available in 1/2" and 5/8" depths for most drywall applications.

### Universal Bracket

Designed for both new and existing construction for standard drywall applications, non-standard drywall applications such as plaster and finishes exceeding 5/8" in thickness, and cement-based substrates. Some installations may require Stud-mount Rails (sold separately). *NOT AVAILABLE FOR LARGE RECTANGLE ARCHITECTURAL SERIES SPEAKERS.*

## FINISH OPTIONS

### Cloth grille



no trim\*

### Micro-perforated metal grille



no trim



micro-trim

Mounted perfectly flush with the surface and finished with a paintable grille, Sonance Architectural Series speakers recede into subtle geometric forms. Precision Fit finish components assure perfect alignment.

\*No-trim cloth grilles are only available for medium round and square and small round and square Architectural Series speakers.

## FASCIA OPTION (Z8F only)



satin black



satin white

With exposed speaker drivers and a completely flush and smooth transition to the surrounding wall, the Z8 is available with a flawless paintable aluminum fascia in satin black or white.

# NACSOUND FOR SONANCE

NACSound's Italian hand-crafted ceramic loudspeakers are designed to become an integral element of an architectural space: Their unique forms are designed by artists and sound engineers combining the finest materials and acoustic components. Beautiful ceramic enclosures are hand-formed and finished in a variety of exquisite glazes to create an architectural dimension where sound, space, color, and light work in perfect harmony.

Sonance is the exclusive provider of NACSound products in North America.



## NACSOUND FOR SONANCE

NACSound's omni-directional technology enables the speakers to emit sound waves spherically — equally in all directions — to stimulate the senses of the listener. Suspended from the ceiling and free from the constraints faced by other speakers, unwanted vibration is virtually eliminated. All of this results in a sound that is rich and lifelike and highly consistent wherever the listener is positioned.

### Kayak\*

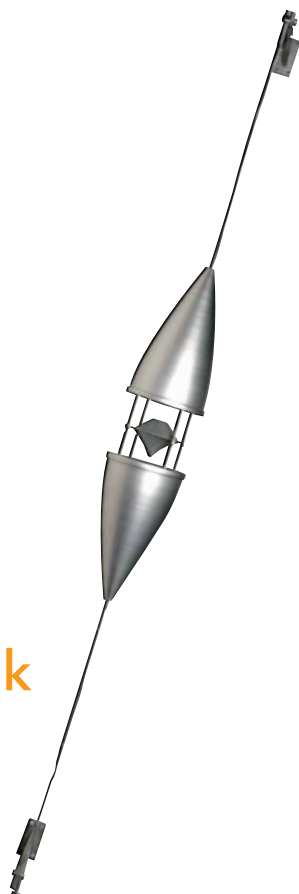
With an aluminium body, it has two coaxial multidirectional speakers that face each other across a central reflector held in place by steel spacers. It can be easily positioned horizontally between two walls or pillars, vertically between the floor and ceiling, or diagonally, if preferred.



Kayak

### Omni

Omni was the first NACSound speaker to be developed using omni-directional technology and transmission line reflex. It was also the first to benefit from the enhanced sound quality offered from being hung from the ceiling. With a power handling of 70W, it offers a sound that is natural and lifelike and, thanks to an excellent scan speak tweeter, it yields superbly clean and precise sound imaging at all frequencies. With its unique, three-dimensional character, the sound that Omni provides will please the most discerning listener.



Omni

### Zemi\*

A spherical, ceramic speaker with its own unique aesthetics, Zemi can be hung from the ceiling or placed on any convenient surface using its own holder. Zemi uses NACSound's central reflex technology — a specially-positioned conical ceramic enclosure that creates natural, high-quality sound with exceptional clarity of image. With power handling of 70W and frequency response down to 40Hz, Zemi is designed for all types of music and responds perfectly to any amplifier.



Zemi

\*Illustrated mounting brackets sold separately.

### OMNI/ZEMI STANDARD FINISHES



black

matte white

matte orange

### OMNI/ZEMI ELEGANT FINISHES



platinum

graphite

### KAYAK FINISHES



brushed steel

painted steel

### OMNI/ZEMI LIMITED FINISHES



blue-gold

reflected gold

reflected copper

striped platinum

spiral platinum

terracotta\*

zebra\*

## HOW TO ORDER

For availability and detailed pricing information, please contact your Sonance representative.

\* Available only on Omni



# INVISIBLE SERIES

## INVISIBLE SPEAKERS FOR VISIONARY INTERIORS

Imagine that. The ability to outfit any room or space with sound without creating clutter, distractions, or disruptions to the interior design. Sonance Invisible Series speakers vanish into your room design, delivering ambient music that emanates directly from walls and ceilings. Sonance Invisible Series speakers complement some of the most prominent and prestigious properties in the world, including distinctive residences, glamorous resorts, and exclusive retail establishments.



## SONANCE INVISIBLE SERIES SPEAKERS

**MUSIC SHOULD BE HEARD, NOT SEEN.** The Sonance Invisible Series SA3 and SA1.5 are extended-bandwidth speakers that combine planar diaphragm midrange/tweeter technology with the proven low-frequency performance of a direct-radiating woofer. The SA3, SA1.5, and SAW are "finish up to" components. The SA2 is a full-range, two-way planar diaphragm design and a "finish over" component. For information on how to become an Invisible Series certified dealer, please contact your Sonance representative.

### INVISIBLE SERIES "FINISH UP TO" SPEAKERS

#### SA3

##### SPECIFICATIONS

Tweeter:	48 in <sup>2</sup> (310 cm <sup>2</sup> ) planar diaphragm, driven by a 1.02" (26mm) voice coil
Woofer:	50 in <sup>2</sup> (323 cm <sup>2</sup> ) low-frequency radiator, driven by a 1" (25mm) voice coil
Frequency Response:	40Hz – 20kHz ±3dB
Impedance:	8 ohms nominal
Power Handling:	80 watts RMS
Sensitivity:	90dB (1W/1 meter)
Dispersion:	140° hemispherical up to 10kHz
Finish:	Primed surface, ready to finish up to and paint
Overload Protection:	Two independent self-resetting gel switches (low-frequency and high-frequency)
Dimensions (W x H x D):	16" x 24" x 3 <sup>7</sup> / <sub>8</sub> " (406mm x 610mm x 98mm)
Shipping Weight:	20 lbs (9kg) pair



PART#..... 92484  
QUANTITY ..... PAIR

#### SA1.5

##### SPECIFICATIONS

Tweeter:	48 in <sup>2</sup> (310 cm <sup>2</sup> ) planar diaphragm, driven by a 1.02" (26mm) voice coil
Woofer:	33 in <sup>2</sup> (210 cm <sup>2</sup> ) low-frequency radiator, driven by a 1" (25mm) voice coil
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal
Power Handling:	80 watts RMS
Sensitivity:	88dB (1W/1 meter)
Dispersion:	140° hemispherical up to 10kHz
Finish:	Primed surface, ready to finish up to and paint
Overload Protection:	Two independent self-resetting gel switches (low-frequency and high-frequency)
Dimensions (W x H x D):	16" x 12 x 3 <sup>7</sup> / <sub>8</sub> " (406mm x 305mm x 98mm)
Shipping Weight:	12 lbs (5.4kg) pair



PART#..... 92485  
QUANTITY ..... PAIR

#### SAW\*

##### SPECIFICATIONS

Woofer:	Two 50 in <sup>2</sup> (323 cm <sup>2</sup> ) low-frequency radiators, each driven by a 1" (25mm) voice coil
Frequency Response:	35Hz – 150Hz ±3dB
Impedance:	8 ohms nominal
Power Handling:	150 watts RMS
Sensitivity:	90dB (1W/1 meter)
Dispersion:	180° hemispherical up to 150Hz
Finish:	Primed, ready to finish up to and paint
Overload Protection:	Self-resetting gel switch
Dimensions (W x H x D):	16" x 24" x 3 <sup>7</sup> / <sub>8</sub> " (406mm x 610mm x 98mm)
Shipping Weight:	17 lbs (7.7kg) each

\*Requires Sonamp® A800 (available separately, see page 65)



PART#..... 92486  
QUANTITY ..... EACH

## SONAMP POWER AMPLIFIERS



PART# (120V)..... 92306  
QUANTITY ..... EACH

PART# (230V)..... 92454  
QUANTITY ..... EACH

RACK EARS KIT  
PART# ..... 90603  
QUANTITY ..... PAIR



### SONAMP A800 WOOFER AMPLIFIER

Required for the SAW, the Sonamp A800 provides 150 watts of power and flexible controls that allow the woofer's performance to be optimized for a wide variety of installation situations.

#### SPECIFICATIONS

Number of Channels:	1
Power Output:	90 watts RMS @ 4 ohms
Power Output (program):	150 watts @ 4 ohms
Frequency Response:	31Hz – 78Hz (variable to 63Hz) +1/-3dB
Total Harmonic Distortion:	0.05% 20Hz – 300Hz @ 8 ohms
Signal-to-Noise Ratio:	-95dB (w/22khz A-WTG filter)
Input Sensitivity:	45mV for 90 watts RMS @ 4 ohms (stereo inputs); 90mV (LFE input)
Input Impedance:	20k ohms
Power Consumption:	160 watts maximum (4 ohms, full power); 13 watts idle (no signal)
AC Fuse (120V Version):	4A (T4AL ~250V)
AC Fuse (230V Version):	2A (T2AL ~250V)
Heat Output:	98 BTU/HR @ 8 ohms (rock music) 140 BTU/HR @ 4 ohms (rock music)
Dimensions (W x H x D):	16 <sup>3</sup> / <sub>4</sub> " x 4" x 13 <sup>1</sup> / <sub>2</sub> " (425mm x 102mm x 343mm)
Dimensions w/Rack Ears (W x H x D):	19" x 4" x 13 <sup>1</sup> / <sub>2</sub> " (489mm x 102mm x 343mm)
Rack Space Requirements:	2U
Shipping Weight:	20 lbs (9.1kg)

## SA3/SA1.5/SAW ACCESSORIES



PART#  
(SA3/SAW) ..... 92723  
QUANTITY ..... EACH

PART# (SA1.5).... 92722  
QUANTITY ..... EACH

### SA3, SAW, AND SA1.5 SPACE SAVERS

Reusable units designed to be installed in new construction to reserve locations for the speakers during the early stages of construction. At the appropriate time, the speaker installer removes the Space Saver and replaces it with the Invisible Series speaker.

Available for the SA3/SAW and the SA1.5.

#### SA3/SAW SPACE SAVER SPECIFICATIONS

Dimensions (W x H x D):	16" x 24" x 3 <sup>1</sup> / <sub>2</sub> " (406mm x 610mm x 89mm)
Shipping Weight:	8 lbs (3.6kg) each
Net Weight:	5 lbs (2.3kg) each

#### SA1.5 SPACE SAVER SPECIFICATIONS

Dimensions (W x H x D):	12" x 16" x 3 <sup>1</sup> / <sub>2</sub> " (305mm x 406mm x 89mm)
Shipping Weight:	5 lbs (2.3kg) each
Net Weight:	3 lbs (1.4kg) each



## INVISIBLE SERIES "FINISH OVER" SPEAKERS

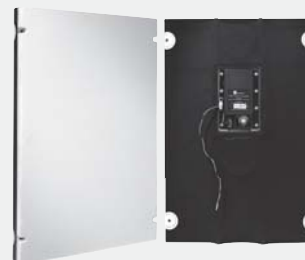
### SA2\*

#### SPECIFICATIONS

Radiating Surface:	294.0 in <sup>2</sup> (1869 cm <sup>2</sup> ) planar diaphragm
Tweeter System:	0.82 lb (0.37 kg) magnet with 1.02" (26mm) voice coil; 12dB/octave high-pass crossover @ 2kHz
Woofer System:	0.82 lb (0.37kg) magnet with 1.02" (26mm) voice coil; 12dB/octave low-pass crossover
Frequency Response:	70Hz – 20kHz ± 4dB
Impedance:	4 ohms nominal, 3.5 ohms minimum
Power Handling:	60 watts RMS as per EIA standard RS-426-A
Transformer:	Primary voltage: 70V; 100V
Primary taps (70V):	0.5W, 1W, 2W, 4W, 8W, 32W
Primary taps (100V):	1W, 2W, 4W, 8W, 16W, 32W
	8-ohm bypass
Sensitivity:	90dB (1W/1 meter)
Dispersion:	140° hemispherical, up to 20kHz
Overload Protection:	Two independent self-resetting gel switches (low-frequency and high-frequency)
Dimensions (W x H x D):	14" x 21" x 3" (356mm x 534mm x 76mm)
Shipping Weight:	16 lbs (7.3kg) each

**\*The SA2 speaker replaces the SA2C and SA2R speakers.**

Note: REQUIRES PBB4 backbox for in-wall installations or PBB6 backbox for in-ceiling installations.



PART#..... 40046  
QUANTITY ..... EACH

\*Now sold as each

## SA2 ACCESSORIES

### SA2 BACKBOXES

Metal backboxes that reduce sound transmission into adjacent spaces and are required for all SA2 installations in spaces deeper than 4 inches. Available in 4-inch depth for walls (PBB4) and 6-inch depth for ceilings (PBB6). UL 1480 certification.

PBB4 Dimensions (W x H x D):	14 1/4" x 21 1/4" x 3 1/4" (362mm x 540mm x 83mm)
PBB6 Dimensions (W x H x D):	14 1/4" x 21 1/4" x 5 1/4" (362mm x 540mm x 133mm)
PBB4 Shipping Weight:	8.4 lbs (3.81kg)
PBB6 Shipping Weight:	10.1 lbs (4.58kg)
Certifications:	UL1480



PART# (PBB4) ..... 40065  
PART# (PBB6) ..... 40066  
QUANTITY ..... EACH

### SA2 INSTALLATION COMPENSATION CIRCUIT

The ICC is a 2-channel active equalizer that is specifically designed to provide correction for SA2 speaker performance variations due to surface finish and installation placement. Provides variable low-frequency and high-frequency equalization tailored to maximize SA2 performance as well as spatial enhancement circuitry that expands the stereo soundstage. Occupies 1U in a standard 19-inch equipment rack (1/2-rack width). Includes rack-mount extension panel, panel link, and hardware.

#### SPECIFICATIONS

Inputs:	Unbalanced (gold-plated RCA)
Outputs:	Processed; direct (gold-plated RCA)
Controls:	LF compensation, HF compensation, spatial enhancement, output level, cavity compensation
Dimensions (W x H x D):	9 1/2" x 1 23/32" x 5" (241mm x 44mm x 128mm)
Rack Space Requirements:	1U (1/2-rack width)
Shipping Weight:	2.9 lbs (1.4kg)



PART#..... 40067  
QUANTITY ..... EACH

### SA2 REPLACEMENT INSTALLATION KIT

Replacement kit contains required installation supplies that are included with the SA2. Each kit contains the following items (enough to install two SA2 speakers):

(2) Vellum overlays	(4) High-density rubber standoffs
(2) 8-oz bags of joint compound	(1) 5/32 hex wrench
(4) #10 – 24 x 3 hex screws	(1) 8-oz jar of overlay adhesive
(4) #8 washers	(1) Measuring cup

PART#..... 40069  
QUANTITY ..... EACH

# VISUAL PERFORMANCE SERIES

Visual Performance® series speakers offer extraordinary sound quality in an understated design, complementing your space without competing for attention. The Visual Performance Series features striking updated aesthetic grilles with small trim that blend gracefully into any designed environment, allowing your music to permeate the room without disturbing the design of your space.





## SONANCE VISUAL PERFORMANCE SERIES

**MODERN STYLE, OUTSTANDING PERFORMANCE.** Visual Performance Series speakers combine elegant, modern style with outstanding audio performance. Featuring five performance levels, three sizes, and three shapes, Visual Performance Series speakers are designed to fit the audio needs of the most discriminating listener. Using traditional installation methods, Visual Performance Series speakers are easily installed in either new or existing construction and feature a new one-piece grille and trim assembly, making painting a simple and quick one-step process.

In addition to the standard rectangle, round, and square shapes, Visual Performance Series speakers are also available in special-purpose versions that dramatically increase installation options:

**BANDPASS SUBWOOFER (BPS):** The Bandpass Subwoofer (BPS-1) adds deep, powerful bass to any audio system. Remaining completely hidden from view, the BPS-1 delivers its bass energy utilizing a bandpass connector (available separately). The Visual Performance Series grille provides a discreet complement to the surrounding architectural space. Requires a Sonamp A150 amplifier (available separately, see page 43).

**THINLINE (TL):** Featuring shallow 2½" – 3" (64mm – 77mm) depths, Visual Performance Series ThinLine speakers deliver a very high level of audio performance while allowing installation in areas that are too shallow to accommodate conventional speakers.

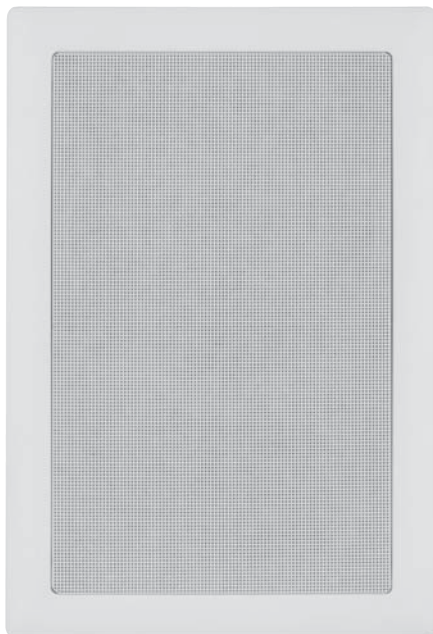
**EXTREME (XT):** Extreme speakers are engineered for high-humidity areas and are built to survive extreme temperatures — from -30°F up to +175°F — while maintaining superior sound quality. Visual Performance Series Extreme speakers are also shock-resistant and can withstand the pelting of the high seas and salty air, making them an excellent choice for marine applications.

**SINGLE STEREO TECHNOLOGY® (SST):** Visual Performance Series Single Stereo speakers combine both left and right signals into one speaker. They are perfect for use in small spaces, such as bathrooms and hallways.

**WOOFER (W):** Visual Performance Series woofers enhance the bass performance of any home theater or distributed audio system without visually disturbing the designed space. Must be used in conjunction with a Sonamp® A800 amplifier (available separately, see page 65).

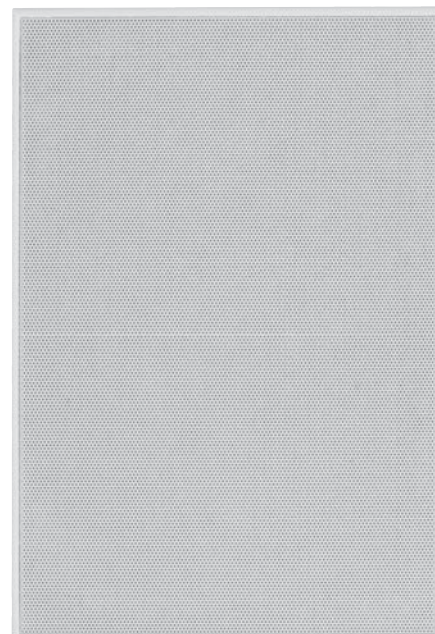
**HOME THEATER FRONT CHANNEL (LCR):** Visual Performance Series LCR speakers are ideal in all three front-channel home theater applications or as the center-channel counterpart for a Visual Performance Series left and right channel speaker pair.

**HOME THEATER SURROUND (SUR):** Visual Performance Series Surround speakers feature a precisely mounted dual-tweeter array that creates a diffuse soundfield that is ideal for in-ceiling surround channel applications.



ORIGINAL SERIES - 1.25" FLANGE

New micro-trim grilles (0.20" of trim) give the Visual Performance speakers a clean, sleek appearance that seamlessly integrates into any designed space. The grilles attach via powerful magnets for a simple and quick installation. A one-step paint process saves time compared to traditional flanged speakers.



VISUAL PERFORMANCE SERIES - THIN 0.20" TRIM

## VISUAL PERFORMANCE SERIES LARGE SPEAKERS

Visual Performance Series Large speakers deliver legendary Sonance acoustic performance in a stunning new design that minimizes the visual impact of the speaker frame and grille. The installed speaker is clean and modern with a low profile that complements interior design better than any traditional architectural speaker. Ideal for both new and existing construction, Visual Performance Large speakers fit perfectly into traditional speaker installations using standard installation methods. With this new design, paint matching is a simple one-step process involving only the magnetic grilles. Available in three shapes (rectangle, round, and square) and three performance levels, Sonance Visual Performance Series Large speakers provide the perfect loudspeaker for your unique design requirements.

### VISUAL PERFORMANCE SERIES LARGE RECTANGLE SPEAKERS

**VISUAL PERFORMANCE LARGE RECTANGLE SPEAKER SPECIAL FEATURES** One-piece, trimless, low-profile magnetic grille • Simplified one-step painting process • Pivoting Sonic Eye directs sound at listeners for life-like stereo performance, even when placement options are limited • Advanced driver materials for extremely accurate musical performance • Eight-inch diameter woofers deliver deep, powerful bass • Extended woofer pole-piece dissipates heat and increases

power handling (VP89, VP87) • Bi-wire capability for uncompromised performance (VP89) • Three-position tweeter adjustment switch and three-position midrange adjustment switch fine-tune performance to the room (VP89, VP87) • Exclusive FastMount® tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items • Roto-Lock® mounting system simplifies installation



PART# ..... 92587  
QUANTITY ..... PAIR

#### VP89

##### SPECIFICATIONS

Tweeter: 1" (25mm) beryllium dome, ferrofluid-cooled, pivoting  
Midrange: 4" (102mm) beryllium cone, rubber surround, pivoting  
Woofer: 8" (203mm) beryllium cone, rubber surround, extended pole piece  
Frequency Response: 30Hz – 20kHz ±3dB  
Impedance: 6 ohms nominal; 4 ohms minimum  
Power Handling: 5 watts minimum; 175 watts maximum  
Sensitivity: 91dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Adjustments: Tweeter and midrange level (±3dB)  
Dimensions (W x H x D): 10" x 16" x 3 7/8" (254mm x 406mm x 98mm)  
Cut-Out Dims.(W x H): 8 1/2" x 14 1/2" (216mm x 368mm)  
Shipping Weight: 22 lbs (10kg) pair



PART# ..... 92586  
QUANTITY ..... PAIR

#### VP87

##### SPECIFICATIONS

Tweeter: 1" (25mm) aluminum dome, ferrofluid-cooled, pivoting  
Midrange: 4" (102mm) coated carbon fiber cone, rubber surround, pivoting  
Woofer: 8" (203mm) coated carbon fiber cone, rubber surround, extended pole piece  
Frequency Response: 31Hz – 20kHz ±3dB  
Impedance: 6 ohms nominal; 4 ohms minimum  
Power Handling: 5 watts minimum; 165 watts maximum  
Sensitivity: 91dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Adjustments: Tweeter and midrange level (±3dB)  
Dimensions (W x H x D): 10" x 16" x 3 7/8" (254mm x 406mm x 98mm)  
Cut-Out Dims. (W x H): 8 1/2" x 14 1/2" (216mm x 368mm)  
Shipping Weight: 22 lbs (10kg) pair



## VISUAL PERFORMANCE SERIES LARGE RECTANGLE SPEAKERS

### VP85

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) carbon fiber cone, rubber surround, pivoting
Woofer:	8" (203mm) carbon fiber cone, rubber surround
Frequency Response:	36Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 140 watts maximum
Sensitivity:	91dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	10" x 16" x 3 7/8" (254mm x 406mm x 98mm)
Cut-Out Dims. (W x H):	8 1/2" x 14 1/2" (216mm x 368mm)
Shipping Weight:	20 lbs (9.0kg) pair



PART# ..... 92585  
QUANTITY ..... PAIR

### VP83

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) polypropylene cone, rubber surround, pivoting
Woofer:	8" (203mm) polypropylene cone, rubber surround, pivoting
Frequency Response:	38Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	10" x 16" x 3 7/8" (254mm x 406mm x 98mm)
Cut-Out Dims. (W x H):	8 1/2" x 14 1/2" (216mm x 368mm)
Shipping Weight:	20 lbs (9kg) pair



PART# ..... 92862  
QUANTITY ..... PAIR

### VP81

#### SPECIFICATIONS

Tweeter:	3/4" (19mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) polypropylene cone, rubber surround, pivoting
Woofer:	8" (203mm) polypropylene cone, rubber surround
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	10" x 16" x 3 7/8" (254mm x 406mm x 98mm)
Cut-Out Dims. (W x H):	8 1/2" x 14 1/2" (216mm x 368mm)
Shipping Weight:	20 lbs (9kg) pair



PART# ..... 92859  
QUANTITY ..... PAIR

## VISUAL PERFORMANCE SERIES LARGE RECTANGLE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance large rectangle grille	92614	109	1 pair
Large rectangle Flex bracket	92246	119	5 pair
Large rectangle wood acoustic enclosure	91708	124	each
Large rectangle retrofit enclosure	92242	127	1 pair
Large rectangle staple template	901067	120	5 pair
Large rectangle coverplate	92244	118	1 pair
Vapor barrier	91703	129	12 pair

## VISUAL PERFORMANCE SERIES LARGE ROUND SPEAKERS

### VISUAL PERFORMANCE LARGE ROUND SPEAKER SPECIAL FEATURES

One-piece, trimless, low-profile magnetic grille • Simplified one-step painting process • Fully-pivoting woofer assembly and pivoting Sonic Eye direct sound at listeners for life-like stereo performance, even when placement options are limited • Advanced driver materials for extremely accurate musical performance • Eight-inch diameter woofers deliver deep, powerful bass

• Graphite-Reinforced ABS (GRABS) woofer basket reduces resonances • Three-position tweeter adjustment switch and three-position midrange adjustment switch fine-tunes performance for the room (VP89R, VP87R) • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items • Roto-Lock mounting system simplifies installation



PART#..... 92527  
QUANTITY ..... PAIR

### VP89R

#### SPECIFICATIONS

Tweeter: 1" (25mm) beryllium dome, ferrofluid-cooled, pivoting  
Midrange: 4" (102mm) beryllium cone, rubber surround, pivoting  
Woofer: 8" (203mm) beryllium cone, rubber surround, pivoting  
Frequency Response: 30Hz – 20kHz ±3dB  
Impedance: 6 ohms nominal; 4 ohms minimum  
Power Handling: 5 watts minimum; 175 watts maximum  
Sensitivity: 91dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Adjustments: Tweeter and midrange level (±3dB)  
Dimensions (Dia. x D): 11<sup>5</sup>/<sub>8</sub>" x 5<sup>7</sup>/<sub>8</sub>" (295mm x 149mm)  
Cut-Out Diameter: 10<sup>1</sup>/<sub>8</sub>" (257mm)  
Shipping Weight: 22 lbs (10kg) pair



PART#..... 92526  
QUANTITY ..... PAIR

### VP87R

#### SPECIFICATIONS

Tweeter: 1" (25mm) aluminum dome, ferrofluid-cooled, pivoting  
Midrange: 4" (102mm) coated carbon fiber cone, rubber surround, pivoting  
Woofer: 8" (203mm) coated carbon fiber cone, rubber surround, pivoting  
Frequency Response: 31Hz – 20kHz ±3dB  
Impedance: 6 ohms nominal; 4 ohms minimum  
Power Handling: 5 watts minimum; 165 watts maximum  
Sensitivity: 91dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Adjustments: Tweeter and midrange level (±3dB)  
Dimensions (Dia. x D): 11<sup>5</sup>/<sub>8</sub>" x 5<sup>7</sup>/<sub>8</sub>" (295mm x 149mm)  
Cut-Out Diameter: 10<sup>1</sup>/<sub>8</sub>" (257mm)  
Shipping Weight: 22 lbs (10kg) pair



PART#..... 92525  
QUANTITY ..... PAIR

### VP85R

#### SPECIFICATIONS

Tweeter: 1" (25mm) silk dome, ferrofluid-cooled, pivoting  
Midrange: 4" (102mm) carbon fiber cone, rubber surround, pivoting  
Woofer: 8" (203mm) carbon fiber cone, rubber surround, pivoting  
Frequency Response: 36Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 140 watts maximum  
Sensitivity: 91dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Adjustments: Tweeter and midrange level (±3dB)  
Dimensions (Dia. x D): 11<sup>5</sup>/<sub>8</sub>" x 5<sup>7</sup>/<sub>8</sub>" (295mm x 149mm)  
Cut-Out Diameter: 10<sup>1</sup>/<sub>8</sub>" (257mm)  
Shipping Weight: 20 lbs (9kg) pair

## VISUAL PERFORMANCE SERIES LARGE ROUND SPEAKERS

### VP83R

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) polypropylene cone, rubber surround, pivoting
Woofers:	8" (203mm) polypropylene cone, rubber surround, pivoting
Frequency Response:	38Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	11 <sup>5</sup> / <sub>8</sub> " x 5 <sup>7</sup> / <sub>8</sub> " (295mm x 149mm)
Cut-Out Diameter:	10 <sup>1</sup> / <sub>8</sub> " (257mm)
Shipping Weight:	20 lbs (9.0kg) pair



PART# ..... 92863  
QUANTITY ..... PAIR

### VP81R

#### SPECIFICATIONS

Tweeter:	3/4" (19mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) polypropylene cone, rubber surround, pivoting
Woofers:	8" (203mm) polypropylene cone, rubber surround, pivoting
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	11 <sup>5</sup> / <sub>8</sub> " x 5 <sup>7</sup> / <sub>8</sub> " (295mm x 149mm)
Cut-Out Diameter:	10 <sup>1</sup> / <sub>8</sub> " (257mm)
Shipping Weight:	20 lbs (9kg) pair



PART# ..... 92860  
QUANTITY ..... PAIR

## VISUAL PERFORMANCE SERIES LARGE ROUND SPEAKER ACCESSORIES

	Part #	Page#	QTY
Visual Performance large round grille	92615	109	1 pair
Large round wood acoustic enclosure	91900	124	each
Large round retrofit enclosure	92243	127	1 pair
Large round Flex bracket	92247	119	5 pair
Large round coverplate	92245	118	1 pair
Fire-rated (listed) large round backcan*	91908	128	each
(listed) deep backcan	92808	128	each

\* While supplies last

## VISUAL PERFORMANCE SERIES LARGE SQUARE SPEAKERS



PART#..... 92864  
QUANTITY ..... PAIR

### VP89S

#### SPECIFICATIONS

Tweeter: 1" (25mm) beryllium dome, ferrofluid-cooled, pivoting  
Midrange: 4" (102mm) beryllium cone, rubber surround, pivoting  
Woofers: 8" (203mm) beryllium cone, rubber surround, pivoting  
Frequency Response: 30Hz – 20kHz  $\pm$ 3dB  
Impedance: 6 ohms nominal; 4 ohms minimum  
Power Handling: 5 watts minimum; 175 watts maximum  
Sensitivity: 91dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Dimensions (W x H x D): 11 $\frac{3}{4}$ " x 11 $\frac{3}{4}$ " x 5 $\frac{7}{8}$ " (299mm x 299mm x 149mm)  
Cut-Out Dims (W x H): 10 $\frac{1}{4}$ " x 10 $\frac{1}{4}$ " (260mm x 260mm)  
Shipping Weight: 22 lbs (10.0kg) pair



PART#..... 92555  
QUANTITY ..... PAIR

### VP85S

#### SPECIFICATIONS

Tweeter: 1" (25mm) silk dome, ferrofluid-cooled, pivoting  
Midrange: 4" (102mm) carbon fiber cone with a rubber surround, pivoting  
Woofers: 8" (203mm) long-throw carbon fiber cone, rubber surround  
Frequency Response: 36Hz – 20kHz  $\pm$ 3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 140 watts maximum  
Sensitivity: 91dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Dimensions (W x H x D): 11 $\frac{3}{4}$ " x 11 $\frac{3}{4}$ " x 5 $\frac{7}{8}$ " (299mm x 299mm x 149mm)  
Cut-Out Dims (W x H): 10 $\frac{1}{4}$ " x 10 $\frac{1}{4}$ " (260mm x 260mm)  
Shipping Weight: 20 lbs (9.0kg) pair



PART#..... 92861  
QUANTITY ..... PAIR

### VP81S

#### SPECIFICATIONS

Tweeter:  $\frac{3}{4}$ " (19mm) silk dome, ferrofluid-cooled, pivoting  
Midrange: 4" (102mm) polypropylene cone, rubber surround, pivoting  
Woofers: 8" (203mm) polypropylene cone, rubber surround, pivoting  
Frequency Response: 45Hz – 20kHz  $\pm$ 3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 100 watts maximum  
Sensitivity: 89dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Dimensions (W x H x D): 11 $\frac{3}{4}$ " x 11 $\frac{3}{4}$ " x 5 $\frac{7}{8}$ " (299mm x 299mm x 149mm)  
Cut-Out Dims (W x H): 10 $\frac{1}{4}$ " x 10 $\frac{1}{4}$ " (260mm x 260mm)  
Shipping Weight: 20 lbs (9.0kg) pair

## VISUAL PERFORMANCE SERIES LARGE SQUARE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance Large square grille	92616	109	1 pair
Large square wood acoustic enclosure	92481	124	each
Large square retrofit enclosure	92243	127	1 pair
Fire-rated (listed) deep backcan	92808	128	each
Large square Flex bracket	92801	119	5 pair



## VISUAL PERFORMANCE SERIES LARGE SINGLE STEREO SPEAKERS

### VP85R SST - SINGLE STEREO TECHNOLOGY

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Midrange:	Two 3" (76mm) carbon fiber cones, rubber surrounds
Woofers:	8" (203mm) carbon fiber cone, rubber surround, pivoting
Frequency Response:	36Hz – 20kHz $\pm 3$ dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	91dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	11 $\frac{5}{8}$ " x 5 $\frac{7}{8}$ " (295mm x 149mm)
Cut-Out Diameter:	10 $\frac{1}{8}$ " (257mm)
Shipping Weight:	10 lbs (4.5kg) each

For accessories, see "Visual Performance series large round speaker accessories" on page 23.



PART#..... 92865  
QUANTITY ..... EACH

### VP85S SST - SINGLE STEREO TECHNOLOGY

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Midrange:	Two 3" (76mm) carbon fiber cones, rubber surrounds
Woofers:	8" (203mm) carbon fiber cone, rubber surround, pivoting
Frequency Response:	36Hz – 20kHz $\pm 3$ dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	91dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	11 $\frac{3}{4}$ " x 11 $\frac{3}{4}$ " x 5 $\frac{7}{8}$ " (299mm x 299mm x 149mm)
Cut-Out Dims (W x H):	10 $\frac{1}{4}$ " x 10 $\frac{1}{4}$ " (257mm x 257mm)
Shipping Weight:	10 lbs (4.5kg) each

For accessories, see "Visual Performance series large square speaker accessories" on page 24.



PART#..... 92866  
QUANTITY ..... EACH

## VISUAL PERFORMANCE SERIES LARGE HOME THEATER SPEAKERS

### VP85R SUR

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Midrange:	Two 3" (76mm) carbon fiber cones, rubber surrounds
Woofers:	8" (203mm) long-throw carbon fiber cone, rubber surround, pivoting
Frequency Response:	36Hz – 20kHz $\pm 3$ dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	91dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	11 $\frac{5}{8}$ " x 5 $\frac{7}{8}$ " (295mm x 149mm)
Cut-Out Diameter:	10 $\frac{1}{8}$ " (257mm)
Shipping Weight:	20 lbs (9.0kg) pair

For accessories, see "Visual Performance series large round speaker accessories" on page 23.



PART#..... 92867  
QUANTITY ..... PAIR

## VISUAL PERFORMANCE SERIES MEDIUM SPEAKERS

**VISUAL PERFORMANCE SERIES MEDIUM SPEAKERS** Our most popular speakers just got better. Low-profile, nearly trimless magnetic grilles give Visual Performance Medium speakers a sleek modern look that makes traditional flanged in-wall and in-ceiling speakers look dated. Visual Performance Medium speakers represent the perfect balance of acoustic and visual performance. Available in rectangle, round, and square shapes and in three performance levels to suit any installation requirement.

### VISUAL PERFORMANCE SERIES MEDIUM RECTANGLE SPEAKERS

**VISUAL PERFORMANCE MEDIUM RECTANGLE SPEAKER SPECIAL FEATURES** One-piece, nearly trimless, low-profile magnetic grille • Simplified one-step grille painting process • Small footprint increases installation options • Advanced woofer cone materials for robust bass • Tweeter acoustic back chamber widens and smoothes high-frequency performance • Pivoting tweeters direct sound at listeners • Low-resonance

¾" MDF baffles and cast aluminum woofer baskets (VP69, VP67) • Optional retrofit molded enclosure reduces sound spillover into adjacent spaces • Roto-Lock mounting system simplifies installation • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items



PART#..... 92577  
QUANTITY ..... PAIR

#### VP69

##### SPECIFICATIONS

Tweeter: 1" (25mm) beryllium dome, ferrofluid-cooled, pivoting, in acoustic back chamber  
Woofer: 6½" (165mm) beryllium cone with a rubber surround, extended pole piece  
Frequency Response: 40Hz – 20kHz ±3dB  
Impedance: 6 ohms nominal; 4 ohms minimum  
Power Handling: 5 watts minimum; 150 watts maximum  
Sensitivity: 90dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Adjustments: Tweeter level (±3dB)  
Dimensions (W x H x D): 8⅜" x 12¼" x 3½" (213mm x 311mm x 89mm)  
Cut-Out Dims. (W x H): 6⅝" x 10¾" (176mm x 273mm)  
Shipping Weight: 12 lbs (5.45kg) pair



PART#..... 92576  
QUANTITY ..... PAIR

#### VP67

##### SPECIFICATIONS

Tweeter: 1" (25mm) aluminum dome, ferrofluid-cooled, pivoting, in acoustic back chamber  
Woofer: 6½" (165mm) coated carbon fiber cone with a rubber surround, extended pole piece  
Frequency Response: 43Hz – 20kHz ± 3dB  
Impedance: 6 ohms nominal; 4 ohms minimum  
Power Handling: 5 watts minimum; 140 watts maximum  
Sensitivity: 90dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Adjustments: Tweeter level (±3dB)  
Dimensions (W x H x D): 8⅜" x 12¼" x 3½" (213mm x 311mm x 89mm)  
Cut-Out Dims. (W x H): 6⅝" x 10¾" (176mm x 273mm)  
Shipping Weight: 11 lbs (5.0kg) pair



PART#..... 92575  
QUANTITY ..... PAIR

#### VP65

##### SPECIFICATIONS

Tweeter: 1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber  
Woofer: 6½" (165mm) carbon fiber cone with a rubber surround  
Frequency Response: 44Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 130 watts maximum  
Sensitivity: 90dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Adjustments: Tweeter level (±3dB)  
Dimensions (W x H x D): 8⅜" x 12¼" x 3⅜" (213mm x 311mm x 86mm)  
Cut-Out Dims. (W x H): 6⅝" x 10¾" (176mm x 273mm)  
Shipping Weight: 10 lbs (4.5kg) pair

## VISUAL PERFORMANCE SERIES MEDIUM RECTANGLE SPEAKERS

### VP63

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) polypropylene cone, rubber surround
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8¾" x 12¼" x 3¾" (213mm x 311mm x 86mm)
Cut-Out Dims. (W x H):	6¹⁵⁄₁₆" x 10¾" (176mm x 273mm)
Shipping Weight:	9 lbs (4.1kg) pair



PART#..... 92852  
QUANTITY ..... PAIR

### VP61

#### SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone, rubber surround
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8¾" x 12¼" x 3¾" (213mm x 311mm x 86mm)
Cut-Out Dims. (W x H):	6¹⁵⁄₁₆" x 10¾" (176mm x 273mm)
Shipping Weight:	9 lbs (4.1kg) pair



PART#..... 92848  
QUANTITY ..... PAIR

## VISUAL PERFORMANCE MEDIUM RECTANGLE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance medium rectangle grille	92611	109	1 pair
Visual Performance Extreme rectangle grille	92812	110	each
Medium rectangle Flex bracket	92336	119	5 pair
Medium rectangle staple template	900651	120	5 pair
Medium rectangle wood acoustic enclosure	91687*	124	each
Medium rectangle retrofit enclosure	92342*	127	1 pair
Fire-rated (listed) shallow backcan	92807*	128	each
Medium rectangle masonry bracket	92066	120	1 pair
Medium rectangle coverplate	92334	118	1 pair
Vapor barrier	91703	129	12 pair

\* Not for use with VP65 TL

## VISUAL PERFORMANCE SERIES MEDIUM ROUND SPEAKERS

**VISUAL PERFORMANCE MEDIUM ROUND SPEAKER SPECIAL FEATURES** One-piece, nearly trimless, low-profile magnetic grille • Simplified one-step grille painting process • Small footprint increases installation options • Advanced woofer cone materials for robust bass • Tweeter acoustic back chamber widens and smoothes high-frequency performance • Pivoting woofers and pivoting tweeters direct sound

at listeners for life-like stereo performance, even when placement options are limited • Optional retrofit molded enclosure reduces sound spillover into adjacent spaces • Roto-Lock mounting system simplifies installation • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items



PART# ..... 92517  
QUANTITY ..... PAIR

### VP69R

#### SPECIFICATIONS

**Tweeter:** 1" (25mm) beryllium dome, ferrofluid-cooled, pivoting, in acoustic back chamber  
**Woofer:** 6½" (165mm) beryllium cone with a rubber surround, pivoting  
**Frequency Response:** 40Hz – 20kHz ±3dB  
**Impedance:** 6 ohms nominal; 4 ohms minimum  
**Power Handling:** 5 watts minimum; 150 watts maximum  
**Sensitivity:** 90dB SPL (2.83V/1 meter)  
**Grille:** Perforated steel  
**Adjustments:** Tweeter level (±3dB)  
**Dimensions (Dia. x D):** 9¾" x 4¾" (248mm x 121mm)  
**Cut-Out Diameter:** 8¼" (210mm)  
**Shipping Weight:** 12 lbs (5.45 kg) pair



PART# ..... 92516  
QUANTITY ..... PAIR

### VP67R

#### SPECIFICATIONS

**Tweeter:** 1" (25mm) aluminum dome, ferrofluid-cooled, pivoting, in acoustic back chamber  
**Woofer:** 6½" (165mm) coated carbon fiber cone with a rubber surround, pivoting  
**Frequency Response:** 43Hz – 20kHz ± 3dB  
**Impedance:** 6 ohms nominal; 4 ohms minimum  
**Power Handling:** 5 watts minimum; 140 watts maximum  
**Sensitivity:** 90dB SPL (2.83V/1 meter)  
**Grille:** Perforated steel  
**Adjustments:** Tweeter level (±3dB)  
**Dimensions (Dia. x D):** 9¾" x 4¾" (248mm x 121mm)  
**Cut-Out Diameter:** 8¼" (210mm)  
**Shipping Weight:** 11 lbs (5.0kg) pair



PART# ..... 92515  
QUANTITY ..... PAIR

### VP65R

#### SPECIFICATIONS

**Tweeter:** 1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber  
**Woofer:** 6½" (165mm) carbon fiber cone with a rubber surround, pivoting  
**Frequency Response:** 44Hz – 20kHz ±3dB  
**Impedance:** 8 ohms nominal; 6 ohms minimum  
**Power Handling:** 5 watts minimum; 130 watts maximum  
**Sensitivity:** 90dB SPL (2.83V/1 meter)  
**Grille:** Perforated steel  
**Adjustments:** Tweeter level ±3dB  
**Dimensions (Dia. x D):** 9¾" x 4¾" (248mm x 121mm)  
**Cut-Out Diameter:** 8¼" (210mm)  
**Shipping Weight:** 10 lbs (4.5kg) pair



## VISUAL PERFORMANCE SERIES MEDIUM ROUND SPEAKERS

### VP63R

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofers:	6 1/2" (165mm) polypropylene cone, rubber surround, pivoting
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	9 3/4" x 4 3/4" (248mm x 121mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	9 lbs (4.1 kg) pair



PART# ..... 92853  
QUANTITY ..... PAIR

### VP61R

#### SPECIFICATIONS

Tweeter:	3/4" (19mm) silk dome, ferrofluid-cooled
Woofers:	6 1/2" (165mm) polypropylene cone, rubber surround, pivoting
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	9 3/4" x 4 3/4" (248mm x 121mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	9 lbs (4.1 kg) pair



PART# ..... 92849  
QUANTITY ..... PAIR

## VISUAL PERFORMANCE MEDIUM ROUND SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance medium round grille	92612	109	1 pair
Visual Performance Extreme round grille	92813	110	each
Medium round Flex bracket	92337	119	5 pair
Medium round wood acoustic enclosure	91688*	125	each
Medium round retrofit enclosure	92343*	127	1 pair
Medium round staple template	901049	120	5 pair
Fire-rated (listed) deep backcan	92808*	128	each
Medium round coverplate	92335	118	1 pair

\* Not for use with VP65R TL

## VISUAL PERFORMANCE SERIES MEDIUM SQUARE SPEAKERS

**VISUAL PERFORMANCE MEDIUM SQUARE SPEAKER SPECIAL FEATURES** One-piece, nearly trimless, low-profile magnetic grille with simplified one-step painting process • Small footprint increases installation options • Tweeter acoustic back chamber widens and smoothes high-frequency performance • Pivoting woofers and pivoting tweeters direct sound at listeners for life-like stereo performance, even when

placement options are limited • Optional retrofit molded enclosure reduces sound spillover into adjacent spaces • Roto-Lock mounting system simplifies installation • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items



PART# ..... 92854  
QUANTITY ..... PAIR

### VP69S

#### SPECIFICATIONS

**Tweeter:** 1" (25mm) beryllium dome, ferrofluid-cooled, pivoting, in acoustic back chamber  
**Woofer:** 6½" (165mm) beryllium cone with a rubber surround, pivoting  
**Frequency Response:** 40Hz – 20kHz ±3dB  
**Adjustments:** Tweeter level (±3dB)  
**Impedance:** 6 ohms nominal; 4 ohms minimum  
**Power Handling:** 5 watts minimum; 150 watts maximum  
**Sensitivity:** 90dB SPL (2.83V/1 meter)  
**Grille:** Perforated steel  
**Dimensions (W x H x D):** 9⅞" x 9⅞" x 4¾" (251mm x 251mm x 121mm)  
**Cut-Out Dims. (W x H):** 8¼" x 8¼" (210mm x 210mm)  
**Shipping Weight:** 9 lbs (4.1kg) pair



PART# ..... 92545  
QUANTITY ..... PAIR

### VP65S

#### SPECIFICATIONS

**Tweeter:** 1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber  
**Woofer:** 6½" (165mm) carbon fiber cone with a rubber surround, pivoting  
**Frequency Response:** 44Hz – 20kHz ±3dB  
**Impedance:** 8 ohms nominal; 6 ohms minimum  
**Power Handling:** 5 watts minimum; 130 watts maximum  
**Sensitivity:** 90dB SPL (2.83V/1 meter)  
**Grille:** Perforated steel  
**Dimensions (W x H x D):** 9⅞" x 9⅞" x 4¾" (251mm x 251mm x 121mm)  
**Cut-Out Dims. (W x H):** 8¼" x 8¼" (210mm x 210mm)  
**Shipping Weight:** 10 lbs (4.5kg) pair



PART# ..... 92850  
QUANTITY ..... PAIR

### VP61S

#### SPECIFICATIONS

**Tweeter:** ¾" (19mm) silk dome, ferrofluid-cooled  
**Woofer:** 6½" (165mm) polypropylene cone with a rubber surround, pivoting  
**Frequency Response:** 50Hz – 20kHz ±3dB  
**Impedance:** 8 ohms nominal; 6 ohms minimum  
**Power Handling:** 5 watts minimum; 100 watts maximum  
**Sensitivity:** 88dB SPL (2.83V/1 meter)  
**Grille:** Perforated steel  
**Dimensions (W x H x D):** 9⅞" x 9⅞" x 4¾" (251mm x 251mm x 121mm)  
**Cut-Out Dims. (W x H):** 8¼" x 8¼" (210mm x 210mm)  
**Shipping Weight:** 9 lbs (4.1kg) pair

## VISUAL PERFORMANCE SERIES MEDIUM SQUARE SPEAKERS

### VISUAL PERFORMANCE MEDIUM SQUARE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance medium square grille	92613	109	1 pair
Visual Performance Extreme square grille	92814	110	1 pair
Medium square Flex bracket	92344	119	5 pair
Medium square wood acoustic enclosure	92474*	125	each
Medium square retrofit enclosure	92243*	127	1 pair
Fire-rated (listed) deep backcan	92808*	128	each

\*Not for use with VP65S TL

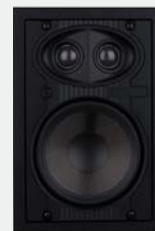
## VISUAL PERFORMANCE SERIES MEDIUM SINGLE STEREO SPEAKERS

### VP65 SST — SINGLE STEREO TECHNOLOGY

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) carbon fiber cone, with a rubber surround
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8³⁄₈" x 12¼" x 3⁹⁄₁₆" (213mm x 311mm x 91mm)
Cut-Out Dims. (W x H):	6¹⁵⁄₁₆" x 10³⁄₄" (176mm x 273mm)
Shipping Weight:	6 lbs (2.7kg) each

For accessories, see "Visual Performance medium rectangle speaker accessories" on page 27.



PART#..... 92734  
QUANTITY ..... EACH

### VP65R SST — SINGLE STEREO TECHNOLOGY

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	9³⁄₄" x 4³⁄₄" (248mm x 121mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	5 lbs (2.3kg) each

For accessories, see "Visual Performance medium round speaker accessories" on page 29.



PART#..... 92730  
QUANTITY ..... EACH

### VP65S SST — SINGLE STEREO TECHNOLOGY

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	9⁷⁄₈" x 9⁷⁄₈" x 4³⁄₄" (251mm x 251mm x 121mm)
Cut-Out Dims. (W x H):	8¼" x 8¼" (210mm x 210mm)
Shipping Weight:	10 lbs (4.5kg) each

For accessories, see "Visual Performance medium square speaker accessories" on page 31.



PART#..... 92731  
QUANTITY ..... EACH

## VISUAL PERFORMANCE SERIES MEDIUM SINGLE STEREO SPEAKERS



PART# ..... 92851  
QUANTITY ..... EACH

### VP61R SST — SINGLE STEREO TECHNOLOGY

#### SPECIFICATIONS

Tweeter:	Two ¾" (19mm) silk domes, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone, dual voice coil, with a rubber surround, pivoting
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	9¾" x 4¾" (248mm x 121mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	4.5 lbs (2.0kg) each
For accessories, see "Visual Performance medium round speaker accessories" on page 29.	

## VISUAL PERFORMANCE SERIES MEDIUM HOME THEATER SPEAKERS

**VISUAL PERFORMANCE MEDIUM HOME THEATER SPEAKERS SPECIAL FEATURES** The VP67 LCR makes an ideal center-channel counterpart for any Visual Performance series left and right channel speaker pair in small or medium-sized home theater systems.

SUR speakers provide a precisely mounted tweeter array creating a diffuse sound field ideal for in-ceiling surround channel applications.



PART# ..... 92724  
QUANTITY ..... EACH

### VP67 LCR — SURROUND

#### SPECIFICATIONS

Tweeter:	1" (25mm) aluminum dome, ferrofluid-cooled
Woofer:	Two 6½" (165mm) coated carbon fiber cones with rubber surrounds, extended pole pieces
Frequency Response:	43Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 140 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Adjustments:	±3dB tweeter level
Grille:	Perforated steel
Grille Dims. (W x H x D):	16½" x 8¾" x 3⅞" (410mm x 213mm x 91mm)
Cut-Out Dims. (W x H):	14½" x 6⅞" (368mm x 175mm)
Shipping Weight:	8 lbs (3.6kg) each

## VISUAL PERFORMANCE MEDIUM LCR SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance medium LCR grille	92806	109	each
Medium LCR Flex bracket	92475	119	each
Medium LCR retrofit enclosure	92836	127	each



PART# ..... 92732  
QUANTITY ..... PAIR

### VP65R SUR — SURROUND

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled, in acoustic back chamber
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	9¾" x 4¾" (248mm x 121mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	5 lbs (2.3kg) pair
For accessories, see "Visual Performance medium round speaker accessories" on page 29.	



VP65S SUR — SURROUND

SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	9⅞" x 9⅞" x 4¾" (251mm x 251mm x 121mm)
Cut-Out Dims. (W x H):	8¼" x 8¼" (210mm x 210mm)
Shipping Weight:	10 lbs (4.5kg) pair
For accessories, see "Visual Performance medium square speaker accessories" on page 31.	



PART#..... 92733  
QUANTITY ..... PAIR

## VISUAL PERFORMANCE SERIES MEDIUM THINLINE SPEAKERS

**VISUAL PERFORMANCE MEDIUM THINLINE SPEAKERS SPECIAL FEATURES** Visual Performance Medium speakers are available in three shapes (rectangular, square and round), and each shape is available in three different audio performance levels, so the designer and installer can select the shape that best suits the architectural space while providing the level of sound quality desired by the client. The VP65 is also available in a shallow depth model in rectangle and round shapes with 2 1/2" and 3 1/32" (64mm and 77mm) depths that allow installation in areas that will not accommodate conventional speakers.

VP65-series speakers feature carbon fiber cone woofers and silk dome tweeters for high-quality sound. Pivoting drivers direct the sound at listeners for excellent stereo performance, even if the speakers are mounted in less than ideal locations.

Visual Performance Series Medium speakers can be retrofitted into mounting holes for Sonance Original Series Medium speakers without modification, making upgrades exceptionally easy. Visual Performance Series Medium speakers can also be used with accessories for Sonance Original Series Medium speakers, such as Flex brackets, acoustic enclosures, retrofit backboxes and fire-rated backcans.



PART# ..... 92600  
QUANTITY ..... PAIR

### VP65 TL — THINLINE

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofers:	6 1/2" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8 3/8" x 12 1/4" x 2 1/2" (213mm x 311mm x 64mm)
Cut-Out Dims. (W x H):	6 15/16" x 10 3/4" (176mm x 273mm)
Shipping Weight:	10 lbs (4.5kg) pair
For accessories, see "Visual Performance medium rectangle speaker accessories" on page 27.	



PART# ..... 92601  
QUANTITY ..... PAIR

### VP65R TL — THINLINE

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofers:	6 1/2" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Diam. x D):	9 3/4" x 3 1/32" (248mm x 77mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	10 lbs (4.5kg) pair
For accessories, see "Visual Performance medium round speaker accessories" on page 29.	



PART# ..... 92602  
QUANTITY ..... PAIR

### VP65S TL — THINLINE

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofers:	6 1/2" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	44Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 130 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	9 7/8" x 9 7/8" x 3 1/32" (251mm x 251mm x 77mm)
Cut-Out Dims. (W x H):	8 1/4" x 8 1/4" (210mm x 210mm)
Shipping Weight:	10 lbs (4.5kg) pair
For accessories, see "Visual Performance medium square speaker accessories" on page 31.	

## VISUAL PERFORMANCE SERIES MEDIUM THINLINE SPEAKERS

### VP65R SST TL — THINLINE

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Woofers:	6½" (165mm) carbon fiber cone, dual voice coil, with a rubber surround
Frequency Response:	43Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Diam. x D):	9¾" x 3½" (248mm x 77mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	5 lbs (2.3kg) each
For accessories, see "Visual Performance medium round speaker accessories" on page 29.	



PART# ..... 92858  
QUANTITY ..... EACH

### VP63R TL — THINLINE

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Woofers:	6½" (165mm) polypropylene cone with a rubber surround
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Diam. x D):	9¾" x 3½" (248mm x 77mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	9 lbs (4.1kg) pair
For accessories, see "Visual Performance medium round speaker accessories" on page 29.	



PART# ..... 92856  
QUANTITY ..... PAIR

### VP61R TL — THINLINE

#### SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome, ferrofluid-cooled
Woofers:	6½" (165mm) polypropylene cone with a rubber surround
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Diam. x D):	9¾" x 3½" (248mm x 77mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	9 lbs (4.1kg) pair
For accessories, see "Visual Performance medium round speaker accessories" on page 29.	



PART# ..... 92855  
QUANTITY ..... PAIR

### VP61R SST TL — THINLINE

#### SPECIFICATIONS

Tweeter:	Two ¾" (19mm) silk domes, ferrofluid-cooled
Woofers:	6½" (165mm) polypropylene cone, with a rubber surround and dual voice coil
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Diam. x D):	9¾" x 3½" (248mm x 77mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	4.5 lbs (2.0kg) each
For accessories, see "Visual Performance medium round speaker accessories" on page 29.	



PART# ..... 92857  
QUANTITY ..... EACH

## VISUAL PERFORMANCE SERIES MEDIUM EXTREME SPEAKERS

**VISUAL PERFORMANCE MEDIUM EXTREME SPEAKERS SPECIAL FEATURES** Extreme speakers are engineered for high-humidity areas and are built to survive extreme temperatures - from -30°F up to +175°F (34°C up to +79°C) - while maintaining

superior sound quality. Visual Performance Series Extreme speakers are also shock resistant and can withstand the pelting of the high seas and salty air, making them an excellent choice for marine applications.



PART#..... 92751  
QUANTITY ..... PAIR

### VP65 XT — EXTREME

#### SPECIFICATIONS

Tweeter: 1" (25mm) polyurethane dome  
Woofer: 6½" (165mm) injection-molded polypropylene/graphite cone, with integral Santoprene™ surround  
Frequency Response: 55Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 130 watts maximum  
Sensitivity: 89dB SPL (2.83V/1 meter)  
Grille: Powder-coated stainless steel  
Dimensions (W x H x D): 8¾" x 12¼" x 2½" (213mm x 311mm x 64mm)  
Cut-Out Dims. (W x H): 6½" x 10¾" (176mm x 273mm)  
Shipping Weight: 12 lbs (5.4kg) pair  
For accessories, see "Visual Performance medium rectangle speaker accessories" on page 27.



PART#..... 92752  
QUANTITY ..... PAIR

### VP65R XT — EXTREME

#### SPECIFICATIONS

Tweeter: 1" (25mm) polyurethane dome  
Woofer: 6½" (165mm) injection-molded polypropylene/graphite cone, with integral Santoprene™ surround  
Frequency Response: 55Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 130 watts maximum  
Sensitivity: 89dB SPL (2.83V/1 meter)  
Grille: Powder-coated stainless steel  
Dimensions (Diam. x D): 9¾" x 3½" (248mm x 89mm)  
Cut-Out Diameter: 8¼" (210mm)  
Shipping Weight: 12 lbs (5.4kg) pair  
For accessories, see "Visual Performance medium round speaker accessories" on page 29.



PART#..... 92835  
QUANTITY ..... PAIR

### VP65S XT — EXTREME

#### SPECIFICATIONS

Tweeter: 1" (25mm) polyurethane dome  
Woofer: 6½" (165mm) injection-molded polypropylene/graphite cone, with integral Santoprene™ surround  
Frequency Response: 55Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 130 watts maximum  
Sensitivity: 89dB SPL (2.83V/1 meter)  
Grille: Powder-coated stainless steel  
Dimensions (W x H x D): 9¾" x 9¾" x 3½" (251mm x 251mm x 89mm)  
Cut-Out Dims. (W x H): 8¼" x 8¼" (210mm x 210mm)  
Shipping Weight: 12 lbs (5.4kg) pair  
For accessories, see "Visual Performance medium square speaker accessories" on page 31.



PART#..... 92753  
QUANTITY ..... EACH

### VP65R SST XT — EXTREME SINGLE STEREO TECHNOLOGY

#### SPECIFICATIONS

Tweeter: Two 1" (25mm) polyurethane domes  
Woofer: 6½" (165mm) injection-molded polypropylene/graphite cone, with integral Santoprene™ surround  
Frequency Response: 55Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 130 watts maximum  
Sensitivity: 89dB SPL (2.83V/1 meter)  
Grille: Powder-coated stainless steel  
Dimensions (Diam. x D): 9¾" x 5½" (248mm x 132mm)  
Cut-Out Diameter: 8¼" (210mm)  
Shipping Weight: 4.5 lbs (2.1kg) each  
For accessories, see "Visual Performance medium round speaker accessories" on page 29.

## VISUAL PERFORMANCE SERIES SMALL RECTANGLE SPEAKERS

### VISUAL PERFORMANCE SMALL RECTANGLE SPEAKER

**SPECIAL FEATURES** One-piece, nearly trimless, low-profile magnetic grille • Simplified one-step grille painting process

- Very small footprint dramatically expands installation options
- Carbon fiber cone woofer delivers robust bass
- Pivoting tweeter directs sound at listeners
- Optional

retrofit molded enclosure reduces sound spillover into adjacent spaces • Roto-Lock mounting system simplifies installation • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items

#### VP49

##### SPECIFICATIONS

Tweeter:	1" (25mm) beryllium dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	4½" (114mm) beryllium cone with a rubber surround
Frequency Response:	50Hz - 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	5 9/16" x 8 7/8" x 3" (142mm x 225mm x 76mm)
Cut-Out Dims. (W x H):	4 5/8" x 8" (117mm x 203mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART#..... 92843  
QUANTITY ..... PAIR

#### VP45

##### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, pivoting
Woofer:	4½" (114mm) carbon fiber cone with a rubber surround
Frequency Response:	58Hz - 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 70 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	5 9/16" x 8 7/8" x 3" (142mm x 225mm x 76mm)
Cut-Out Dims. (W x H):	4 5/8" x 8" (117mm x 203mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART#..... 92565  
QUANTITY ..... PAIR

#### VP41

##### SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome
Woofer:	4½" (114mm) polypropylene cone with a rubber surround
Frequency Response:	70Hz - 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 50 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	5 9/16" x 8 7/8" x 3" (142mm x 225mm x 76mm)
Cut-Out Dims. (W x H):	4 5/8" x 8" (117mm x 203mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART#..... 92840  
QUANTITY ..... PAIR

## VISUAL PERFORMANCE SMALL RECTANGLE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance small rectangle grille	92608	109	1 pair
Small rectangle Flex bracket	92470	119	5 pair
Small rectangle retrofit enclosure	92442	127	1 pair
Small rectangle masonry bracket	92067	120	1 pair
Fire-rated (listed) shallow backcan	92807	128	each
Vapor barrier	91703	129	12 pair



## VISUAL PERFORMANCE SERIES SMALL ROUND SPEAKERS

**VISUAL PERFORMANCE SMALL ROUND SPEAKER SPECIAL FEATURES** One-piece, nearly trimless, low-profile magnetic grille • Simplified one-step grille painting process • Very small footprint dramatically expands installation options • Carbon fiber cone woofer delivers robust bass • Pivoting tweeter directs sound at listeners • Optional retrofit

molded enclosure reduces sound spillover into adjacent spaces • Roto-Lock mounting system simplifies installation • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items

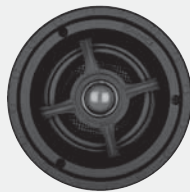


PART# ..... 92844  
QUANTITY ..... PAIR

### VP49R

#### SPECIFICATIONS

Tweeter: 1" (25mm) beryllium dome, ferrofluid-cooled, pivoting, in acoustic back chamber  
Woofer: 4½" (114mm) beryllium cone with a rubber surround  
Frequency Response: 50Hz – 20kHz ±3dB  
Impedance: 6 ohms nominal; 4 ohms minimum  
Power Handling: 5 watts minimum; 100 watts maximum  
Sensitivity: 90dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Dimensions (Dia x D): 6⅞" x 3½" (175mm x 89mm)  
Cut-Out Diameter: 5⅞" (149mm)  
Shipping Weight: 6 lbs (2.8kg) pair



PART# ..... 92505  
QUANTITY ..... PAIR

### VP45R

#### SPECIFICATIONS

Tweeter: 1" (25mm) silk dome, pivoting  
Woofer: 4½" (114mm) carbon fiber cone with a rubber surround  
Frequency Response: 58Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 70 watts maximum  
Sensitivity: 90dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Dimensions (Dia x D): 6⅞" x 3½" (175mm x 89mm)  
Cut-Out Diameter: 5⅞" (149mm)  
Shipping Weight: 6 lbs (2.8kg) pair



PART# ..... 92841  
QUANTITY ..... PAIR

### VP41R

#### SPECIFICATIONS

Tweeter: ¾" (19mm) silk dome  
Woofer: 4½" (114mm) polypropylene cone with a rubber surround  
Frequency Response: 70Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 50 watts maximum  
Sensitivity: 89dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Dimensions (Dia x D): 6⅞" x 3½" (175mm x 89mm)  
Cut-Out Diameter: 5⅞" (149mm)  
Shipping Weight: 6 lbs (2.8kg) pair

## VISUAL PERFORMANCE SMALL ROUND SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance small round grille	92609	109	1 pair
Small round Flex bracket	92471	119	5 pair
Small round wood acoustic enclosure*	92445	125	each
Small round retrofit enclosure	92443	127	1 pair
Fire-rated (listed) deep backcan	92808	128	each
Vapor barrier	91703	129	12 pair

\*While supplies last

## VISUAL PERFORMANCE SERIES SMALL SQUARE SPEAKERS

### VISUAL PERFORMANCE SMALL SQUARE SPEAKER

**SPECIAL FEATURES** One-piece, nearly trimless, low-profile magnetic grille • Simplified one-step grille painting process

- Very small footprint dramatically expands installation options • Carbon fiber cone woofer delivers robust bass
- Pivoting tweeter directs sound at listeners • Optional

retrofit molded enclosure reduces sound spillover into adjacent spaces • Roto-Lock mounting system simplifies installation • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items

#### VP49S

##### SPECIFICATIONS

Tweeter:	1" (25mm) beryllium dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	4 1/2" (114mm) beryllium cone with a rubber surround
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	6 1/2" x 6 1/2" x 3 5/8" (165mm x 165mm x 92mm)
Cut-Out Dims. (W x H):	5 5/8" x 5 5/8" (143mm x 143mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART# ..... 92845  
QUANTITY ..... PAIR

#### VP45S

##### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, pivoting
Woofer:	4 1/2" (114mm) carbon fiber cone with a rubber surround
Frequency Response:	58Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 70 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	6 1/2" x 6 1/2" x 3 5/8" (165mm x 165mm x 92mm)
Cut-Out Dims. (W x H):	5 5/8" x 5 5/8" (143mm x 143mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART# ..... 92535  
QUANTITY ..... PAIR

#### VP41S

##### SPECIFICATIONS

Tweeter:	3/4" (19mm) silk dome
Woofer:	4 1/2" (114mm) polypropylene cone with a rubber surround
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 50 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	6 1/2" x 6 1/2" x 3 5/8" (165mm x 165mm x 92mm)
Cut-Out Dims. (W x H):	5 5/8" x 5 5/8" (143mm x 143mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART# ..... 92842  
QUANTITY ..... PAIR

### VISUAL PERFORMANCE SMALL SQUARE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Visual Performance small square grille	92610	109	1 pair
Small square Flex bracket	92472	119	5 pair
Small square wood acoustic enclosure*	92449	125	each
Small square retrofit enclosure	92453	127	1 pair
Fire-rated (listed) deep backcan	92808	128	each
Vapor barrier	91703	129	12 pair

\*While supplies last

## VISUAL PERFORMANCE SERIES SMALL SINGLE STEREO SPEAKERS

**VISUAL PERFORMANCE SMALL SINGLE STEREO SPEAKERS SPECIAL FEATURES** Sonance's exclusive Single Stereo Technology® (SST) combines the left and right stereo channels into a single in-wall speaker. Ideal for kitchens, hallways, bathrooms, or wherever the listener will be moving about and a pair of stereo speakers would be impractical.

Visual Performance Series Small speakers can be retrofitted into mounting holes for Sonance Original Series Small speakers without modification, making upgrades exceptionally easy. Visual Performance Series Small speakers can also be used with accessories for Sonance Original Series Small speakers, such as Flex brackets, acoustic enclosures, retrofit backboxes and fire-rated backcans.



PART#..... 92846  
QUANTITY ..... EACH

### VP45R SST — SINGLE STEREO TECHNOLOGY

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes
Woofer:	4½" (114mm) carbon fiber cone, with rubber surround
Frequency Response:	58Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 70 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	6⅞" x 3½" (175mm x 89mm)
Cut-Out Diameter:	5⅞" (149mm)
Shipping Weight:	3 lbs (1.4kg) each

For accessories, see "Visual Performance small round speaker ACCESSORIES" on page 38.



PART#..... 92847  
QUANTITY ..... EACH

### VP45S SST — SINGLE STEREO TECHNOLOGY

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes
Woofer:	4½" (114mm) carbon fiber cone, with a rubber surround
Frequency Response:	58Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 70 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	6½" x 6½" x 3⅝" (165mm x 165mm x 92mm)
Cut-Out Dims (W x H):	5⅝" x 5⅝" (143mm x 143mm)
Shipping Weight:	3 lbs (1.4kg) each

For accessories, see "Visual Performance small square speaker ACCESSORIES" on page 39.

## VISUAL PERFORMANCE SERIES WOOFERS

**VISUAL PERFORMANCE WOOFERS SPECIAL FEATURES** Visual Performance Series woofers enhance the bass performance of any home theater or distributed audio system without visually

disturbing the designed space. Must be used in conjunction with a Sonamp® A800 amplifier (available separately).



PART#..... 92740  
QUANTITY ..... EACH

### VP85 W

#### SPECIFICATIONS

Woofer:	8" (203mm) long-throw carbon fiber cone, rubber surround
Frequency Response:	35Hz – 250Hz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	10" x 16" x 3⅞" (254mm x 406mm x 98mm)
Cut-Out Dims. (W x H):	8½" x 14½" (216mm x 368mm)
Shipping Weight:	13 lbs (5.8kg) each

Note: Requires a Sonamp A800 amplifier (available separately (see page 41). The large rectangle retrofit enclosure is not recommended to be used with this product.

For accessories, see "Visual Performance series Large rectangle speaker Accessories" on page 21.

## VISUAL PERFORMANCE SERIES WOOFERS

### VP85R W

#### SPECIFICATIONS

Woofer:	8" (203mm) long-throw carbon fiber cone, rubber surround
Frequency Response:	35Hz – 250Hz $\pm$ 3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (Dia. x D):	11 $\frac{5}{8}$ " x 3 $\frac{7}{8}$ " (295mm x 98mm)
Cut-Out Diameter:	10 $\frac{1}{8}$ " (257mm)
Shipping Weight:	13 lbs (5.8kg) each
Note: Requires a Sonamp A800 amplifier (available separately, see page 41). The large round retrofit enclosure is not recommended to be used with this product.	
For accessories, see "Visual Performance series large round speaker accessories" on page 23.	



PART# ..... 92741  
QUANTITY ..... EACH

### VP85S W

#### SPECIFICATIONS

Woofer:	8" (203mm) long-throw carbon fiber cone, with a rubber surround
Frequency Response:	35Hz – 250Hz $\pm$ 3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	11 $\frac{3}{4}$ " x 11 $\frac{3}{4}$ " x 3 $\frac{7}{8}$ " (299mm x 299mm x 98mm)
Cut-Out Dims. (W x H):	10 $\frac{1}{4}$ " x 10 $\frac{1}{4}$ " (260mm x 260mm)
Shipping Weight:	13 lbs (5.8kg) each
Note: Requires a Sonamp A800 amplifier (available separately, see page 41). The large square retrofit enclosure is not recommended to be used with this product.	
For accessories, see "Visual Performance series large square speaker accessories" on page 24.	



PART# ..... 92742  
QUANTITY ..... EACH

## SONAMP WOOFER AMPLIFIER

### SONAMP A800 WOOFER AMPLIFIER

Required for the VP85 W, VP85R W, and VP85S W woofers, the Sonamp A800 provides 150 watts of power and flexible controls that allow the woofer's performance to be optimized for a wide variety of installation situations.

#### SPECIFICATIONS

Number of Channels:	1
Power Output:	90 watts RMS @ 4 ohms Power Output (program): 150 watts @ 4 ohms
Frequency Response:	31Hz – 78Hz (variable to 63Hz) + 1/-3dB
Total Harmonic Distortion:	0.05% 20Hz – 300Hz @ 8 ohms
Signal-to-Noise Ratio:	-95dB (w/22khz A-WTG filter)
Input Sensitivity:	45mV for 90 watts RMS @ 4 ohms (stereo inputs); 90mV (LFE input)
Input Impedance:	20k ohms
Power Consumption:	160 watts maximum (4 ohms, full power); 13 watts idle (no signal)
AC Fuse (120V Version):	4A (T4AL ~250V)
AC Fuse (230V Version):	2A (T2AL ~250V)
Heat Output:	98 BTU/HR @ 8 ohms (rock music) 140 BTU/HR @ 4 ohms (rock music)
Dimensions (W x H x D):	16 $\frac{3}{4}$ " x 4" x 13 $\frac{1}{2}$ " (425mm x 102mm x 343mm)
Dimensions w/Rack Ears (W x H x D):	19" x 4" x 13 $\frac{1}{2}$ " (489mm x 102mm x 343mm)
Rack Space Requirements:	2U
Shipping Weight:	20 lbs (9.1kg) each



PART# (120V) ..... 92306  
QUANTITY ..... EACH

PART# (230V) ..... 92454  
QUANTITY ..... EACH

RACK EARS KIT  
PART# ..... 90603  
QUANTITY ..... PAIR

## VISUAL PERFORMANCE SERIES BANDPASS SUBWOOFER

**VISUAL PERFORMANCE BANDPASS SUBWOOFER SPECIAL FEATURES** The Visual Performance Bandpass Subwoofer (BPS-1) adds deep, powerful bass to any audio system. Remaining completely hidden from view, the BPS-1 delivers its bass energy utilizing a Visual Performance

Series mounting platform and a bandpass connector (both available separately). The Visual Performance grille provides a discreet complement to the surrounding space. Requires a Sonamp A150 amplifier (available separately, see page 43).



PART# ..... 92478  
QUANTITY ..... EACH

### BPS-1

#### SPECIFICATIONS

Woofers:	8" (203mm) long throw felted paper cone, rubber surround
Frequency Response:	35Hz x 150Hz $\pm 3$ dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Enclosure Dims. (W x H x D):	9" x 11" x 3 9/16" (229mm x 279mm x 1283mm)
Min. Mounting Area:	9 1/8" x 11" x 53 1/4" (232mm x 279mm x 1352mm)
Shipping Weight:	46 lbs (20.9kg) each
Note: Requires a Sonamp A150 amplifier (available separately, see page 43).	

## VISUAL PERFORMANCE SERIES BANDPASS CONNECTORS

**VISUAL PERFORMANCE BANDPASS CONNECTORS SPECIAL FEATURES** Required Bandpass Connectors allow the BPS-1 to match the look of Small and Medium, round or

square, Visual Performance Series speakers. The Bandpass Connectors are heavily flared to minimize port noise during high-volume passages.



PART# ..... 92870  
QUANTITY ..... EACH

### VP6R BPC

#### SPECIFICATIONS

Speaker Match:	Visual Performance Series Medium round speakers
Cutout Diameter:	8 1/4" (210mm)



PART# ..... 92871  
QUANTITY ..... EACH

### VP6S BPC

#### SPECIFICATIONS

Speaker Match:	Visual Performance Series Medium round speakers
Cutout Dims. (W x H):	8 1/4" x 8 1/4" (210mm x 210mm)



## VISUAL PERFORMANCE SERIES BANDPASS CONNECTORS

### VP4R BPC

#### SPECIFICATIONS

Speaker Match: Visual Performance Series Small round speakers  
Cutout Diameter: 5<sup>7</sup>/<sub>8</sub>" (149mm)



PART# ..... 92868  
QUANTITY ..... EACH

### VP4S BPC

#### SPECIFICATIONS

Speaker Match: Visual Performance Series Small square speakers  
Cutout Dims. (W x H): 5<sup>5</sup>/<sub>8</sub>" x 5<sup>5</sup>/<sub>8</sub>" (143mm x 143mm)



PART# ..... 92869  
QUANTITY ..... EACH

## SONAMP SUBWOOFER AMPLIFIER

**SONAMP A150 SPECIAL FEATURES** For use with Visual Performance Series BPS-1 bandpass subwoofer • 150 watts • Front-panel volume, crossover, and phase controls • Crossover bypass switch • Built-in non-defeatable limiter prevents overdriving the BPS-1 • Binding-post speaker connectors • Line-level outputs for daisy-chaining multiple amplifiers • Defeatable auto-on signal

sensing • Active current limit, short-circuit and speaker protection • Auto-resetting thermal protection shutoff • In-rush current-limiting circuit • Supplied alternate speaker fuse allows a single A150 to drive two BPS-1 subwoofer cabinets • Available in 120V and 230V versions • Available rack-mount ears

### SONAMP A150 SUBWOOFER AMPLIFIER

#### SPECIFICATIONS

Number of Channels: 1  
Power Output: 90 watts RMS @ 4 ohms  
Power Output (Program): 150 watts @ 4 ohms  
Frequency Response: 31Hz – 150Hz (variable to 40Hz)  
Total Harmonic Distortion: 0.05% 20Hz – 300Hz @ 8 ohms  
Signal-to-Noise Ratio: -95dB (w/22kHz A-WTG filter)  
Input Sensitivity (Stereo Inputs): 25mV for 90W @ 4 ohms (volume control @ max)  
Input Sensitivity (LFE, Mono Input): 600mV for 90W @ 4 ohms (Bypass mode)  
Input Impedance: 20k ohms  
Hi-Level Out Hi-Pass Filter: -3dB @ 200Hz, 6dB/octave  
Line-Level Out Hi-Pass Filter: -3dB @ 150Hz, 6dB/octave  
Power Consumption: 160 watts maximum (4 ohms, full power); 13 watts idle (no signal)  
AC Fuse (120V Version): 4A (T4AL ~250V)  
AC Fuse (230V Version): 2A (T2AL ~250V)  
Speaker Fuse (one BPS-1): 1.6A (T1.6AL ~250V)  
Speaker Fuse (two BPS-1s): 2.0A (T2AL ~250V)  
Heat Output: 98 BTU/HR @ 8 ohms (rock music)  
140 BTU/HR @ 4 ohms (rock music)  
Dimensions (W x H x D): 16<sup>3</sup>/<sub>4</sub>" x 4" x 13<sup>1</sup>/<sub>2</sub>" (425mm x 102mm x 343mm)  
Dimensions w/Rack Ears (W x H x D): 19" x 4" x 13<sup>1</sup>/<sub>2</sub>" (489mm x 102mm x 343mm)  
Rack Space Requirements: 2U  
Shipping Weight: 20 lbs (9.1kg) each



PART# (120V) ..... 92476  
QUANTITY ..... EACH

PART# (230V) ..... 92477  
QUANTITY ..... EACH



RACK EARS KIT  
PART# ..... 90603  
QUANTITY ..... PAIR

# ACCESSORY MATRIX FOR VISUAL PERFORMANCE SERIES SPEAKERS

	SPEAKER MODEL	ACCESSORY PART # & PAGE #								
		METAL GRILLE		FLEX BRACKET		STAPLE TEMPLATE		ACOUSTIC ENCLOSURE		
	VP89	92614	109	92246	119	901067	120	91708	124	
	VP87	92614	109	92246	119	901067	120	91708	124	
	VP85	92614	109	92246	119	901067	120	91708	124	
	VP85 W	92614	109	92246	119	901067	120	91708	124	
	VP89R	92615	109	92247	119	--		91900	124	
	VP87R	92615	109	92247	119	--		91900	124	
	VP85R	92615	109	92247	119	--		91900	124	
	VP85R W	92615	109	92247	119	--		91900	124	
	VP85S	92616	109	92801	119	--		92481	124	
VP85S W	92616	109	92801	119	--		92481	124		
		METAL GRILLE		FLEX BRACKET		STAPLE TEMPLATE		ACOUSTIC ENCLOSURE		
	VP69	92611	109	92336	119	900651	120	91687	124	
	VP67	92611	109	92336	119	900651	120	91687	124	
	VP65	92611	109	92336	119	900651	120	91687	124	
	VP65 TL	92611	109	92336	119	900651	120	91687	124	
	VP65 SST	92611	109	92336	119	900651	120	91687	124	
	VP65 XT	92812	110	92336	119	900651	120	91687	124	
	VP69R	92612	109	92337	119	901049	120	91688	125	
	VP67R	92612	109	92337	119	901049	120	91688	125	
	VP65R	92612	109	92337	119	901049	120	91688	125	
	VP65R TL	92612	109	92337	119	901049	120	91688	125	
	VP65R SST	92612	109	92337	119	901049	120	91688	125	
	VP65R SUR	92612	109	92337	119	901049	120	91688	125	
	VP65R XT	92813	110	92337	119	901049	120	91688	125	
	VP65R SST XT	92813	110	92337	119	901049	120	91688	125	
	VP65S	92613	109	92344	119	--		92474	125	
	VP65S TL	92613	109	92344	119	--		92474	125	
	VP65S SST	92613	109	92344	119	--		92474	125	
	VP65S SUR	92613	109	92344	119	--		92474	125	
	VP67 LCR	92806	109	92475	119	--		--		
			METAL GRILLE		FLEX BRACKET		STAPLE TEMPLATE		ACOUSTIC ENCLOSURE	
		VP45	92608	109	92470	119	--		--	--
VP45R		92609	109	92471	119	--		92445	125	
	VP45S	92610	109	92472	119	--		92449	125	

RETROFIT ENCLOSURE	FIRE-RATED BACKCAN	COVERPLATE	MASONRY BRACKET	VAPOR BARRIER
92242 127	--	92244 118	--	91703 129
92242 127	--	92244 118	--	91703 129
92242 127	--	92244 118	--	91703 129
--	--	92244 118	--	91703 129
92243 127	92808 128	92245 118	--	--
92243 127	92808 128	92245 118	--	--
92243 127	92808 128	92245 118	--	--
--	92808 128	--	--	--
92243 127	92808 128	--	--	--
--	92808 128	--	--	--
RETROFIT ENCLOSURE	FIRE-RATED BACKCAN	COVERPLATE	MASONRY BRACKET	VAPOR BARRIER
92342 127	92807 128	92334 118	92066 120	91703 129
92342 127	92807 128	92334 118	92066 120	91703 129
92342 127	92807 128	92334 118	92066 120	91703 129
92342 127	92807 128	92334 118	92066 120	91703 129
92342 127	92807 128	92334 118	92066 120	91703 129
92342 127	92807 128	92334 118	92066 120	91703 129
92343 127	92808 128	92335 118	--	--
92343 127	92808 128	92335 118	--	--
92343 127	92808 128	92335 118	--	--
92343 127	92808 128	92335 118	--	--
92343 127	92808 128	92335 118	--	91703 129
92343 127	92808 128	92335 118	--	--
92343 127	92808 128	92335 118	--	--
92343 127	92808 128	92335 118	--	--
92343 127	92808 128	--	--	--
92343 127	92808 128	--	--	91703 129
92343 127	92808 128	--	--	--
92343 127	92808 128	--	--	--
--	--	--	--	--
RETROFIT ENCLOSURE	FIRE-RATED BACKCAN	COVERPLATE	MASONRY BRACKET	VAPOR BARRIER
92442 127	92807 128	--	92067 120	91703 129
92443 127	92808 128	--	--	91703 129
92453 127	92808 128	--	--	91703 129

# SURFACE MOUNT SERIES

We believe in the power of architecture to shape the way we live. Like you, we expect elegant solutions to complex design problems. So, we've created innovative products like the Surface Mount Series to give you high-performance loudspeakers that fit onto shared walls and shallow ceilings.





# SURFACE MOUNT SPEAKERS

**SONANCE SURFACE MOUNT SERIES SPEAKERS** have a low-profile design that is ideal for installations that cannot accommodate in-ceiling or in-wall speakers. They are extremely simple to install: Connect the mounting plate to the speaker wire and screw the mounting plate to a junction box. The speaker attaches to the mounting plate via powerful neodymium magnets. The rotating mounting plate allows the SM55 and SM55 SST to be aligned with lighting fixtures or other décor features after installation.

In the SM55 and SM55 SST, Sonance engineers have created speakers that sound great, yet are décor-friendly, easy to install, and do not require a mounting hole. A one-step paint process saves time compared to traditional flanged speakers. Sonance Surface Mount speakers are the perfect solution for those who demand quality sound but cannot use in-ceiling or in-wall speakers.

## SURFACE MOUNT SPEAKERS

### SM55

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Woofer:	5¼" (133mm) carbon fiber cone with a rubber surround
Frequency Response:	65Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	12 ⅞" x 12 ⅞" x 3 ¼" (308mm x 308mm x 83mm)
Shipping Weight:	9 lbs (4.1kg) per pair



SM55 PART# ..... 92493  
QUANTITY ..... PAIR

SM55 MOUNTING PLATE  
(Sold Separately)  
PART#.....92494  
QUANTITY ..... PAIR

## SURFACE MOUNT SINGLE STEREO SPEAKERS

### SM55 SST

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Woofer:	5¼" (133mm) carbon fiber cone with a rubber surround, dual voice coil
Frequency Response:	65Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	12 ⅞" x 12 ⅞" x 3 ¼" (308mm x 308mm x 83mm)
Shipping Weight:	5 lbs (2.3kg) each

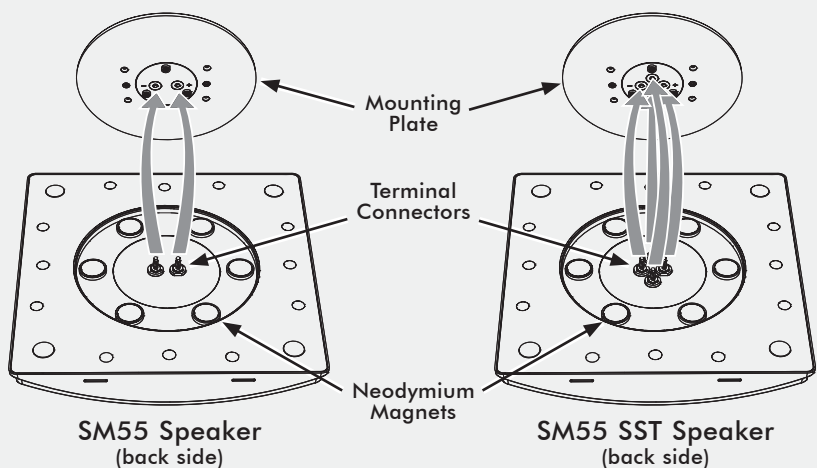


SM55 SST PART# 92802  
QUANTITY ..... EACH

SM55 SST  
MOUNTING PLATE  
(Sold Separately)  
PART#.....92803  
QUANTITY ..... EACH

SM55/SM55 SST  
REPLACEMENT GRILLE  
PART#..... 92749  
QUANTITY ..... EACH

#### Installation Example:



# SONANCE ORIGINAL SERIES

Since 1982, when Sonance introduced the first architectural high-fidelity loudspeaker for residential use, we have continued our relentless pursuit of perfection in acoustic performance, versatility, and reliability to meet the stringent demands of professional AV integrators. Original Series delivers classic architectural loudspeaker design with unrivaled performance, ease of installation, and selection. Our full line of loudspeakers and accessories represents one of the broadest portfolios in the industry, providing the integrator with the right solution for any situation.



## SONANCE ORIGINAL SERIES LARGE SPEAKERS

**SONANCE ORIGINAL SERIES LARGE SPEAKERS** The Sonance Original Series Large speaker line takes installed speaker performance and technology to a higher level while making installation faster and easier than ever before. All Original Series speakers incorporate advanced driver materials and technology that give them stunning musical performance. Eight-inch diameter woofers deliver the kind of deep, powerful bass more commonly found in audiophile free-standing speakers. The exclusive pivoting Sonic Eye midrange/tweeter assembly directs sound at listeners, producing superior stereo performance even when mounting restrictions require less than ideal speaker placement. Single Stereo Technology (SST) speakers combine the outputs of your amplifier's left and right stereo channels to play both from just one speaker — perfect for smaller spaces like hallways, closets, and bathrooms.

### ORIGINAL SERIES LARGE RECTANGLE SPEAKERS

#### ORIGINAL SERIES LARGE RECTANGLE SPEAKERS

**SPECIAL FEATURES** Pivoting Sonic Eye directs sound at listeners for life-like stereo performance, even when placement options are limited • Advanced driver materials for extremely accurate musical performance • Eight-inch diameter woofers deliver deep, powerful bass

- Three-position tweeter adjustment switch fine-tunes performance to the room (832)
- Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items
- Quick and easy installation with the Roto-Lock mounting system

#### 832

##### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) polypropylene cone, rubber surround, pivoting
Woofers:	8" (203mm) polypropylene cone, rubber surround
Frequency Response:	38Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	Tweeter level (±3dB)
Dimensions (W x H x D):	9 <sup>7</sup> / <sub>8</sub> " x 15 <sup>1</sup> / <sub>16</sub> " x 3 <sup>7</sup> / <sub>8</sub> " (251mm x 405mm x 99mm)
Cut-Out Dims. (W x H):	8 <sup>1</sup> / <sub>2</sub> " x 14 <sup>1</sup> / <sub>2</sub> " (216mm x 368mm)
Shipping Weight:	20 lbs (9kg) pair



PART# ..... 92232  
QUANTITY ..... PAIR

#### 831

##### SPECIFICATIONS

Tweeter:	3/4" (19mm) silk dome, ferrofluid-cooled, pivoting
Midrange:	4" (102mm) polypropylene cone, rubber surround, pivoting
Woofers:	8" (203mm) polypropylene cone, rubber surround
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	9 <sup>7</sup> / <sub>8</sub> " x 15 <sup>1</sup> / <sub>16</sub> " x 3 <sup>7</sup> / <sub>8</sub> " (251mm x 405mm x 99mm)
Cut-Out Dims. (W x H):	8 <sup>1</sup> / <sub>2</sub> " x 14 <sup>1</sup> / <sub>2</sub> " (216mm x 368mm)
Shipping Weight:	16 lbs.(7.3kg) pair



PART# ..... 92231  
QUANTITY ..... PAIR

### ORIGINAL SERIES LARGE RECTANGLE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series large rectangle metal grille	92289	110	1 pair
Large rectangle Flex bracket	92246	119	5 pair
Large rectangle wood acoustic enclosure	91708	124	each
Large rectangle retrofit enclosure	92242	127	1 pair
Large rectangle coverplate	92244	118	1 pair
Vapor barrier	91703	129	12 pair

ORIGINAL SERIES LARGE ROUND SPEAKERS

**ORIGINAL SERIES LARGE ROUND SPEAKERS**  
**SPECIAL FEATURES** Quick and easy installation • Fully-pivoting woofer assembly and pivoting Sonic Eye direct sound at listeners for life-like stereo sound even when placement options are limited • Advanced driver materials deliver extremely accurate musical performance • Eight-inch diameter woofers deliver deep, powerful bass • Graphite-

Reinforced ABS (GRABS) woofer basket reduces resonances

- Three-position tweeter adjustment switch (832R)
- Exclusive new FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items • Roto-Lock mounting system simplifies installation • Paintable aluminum grilles



PART# ..... 92236  
QUANTITY ..... PAIR

832R

SPECIFICATIONS

Tweeter: 1" (25mm) silk dome, ferrofluid-cooled, pivoting  
Midrange: 4" (102mm) polypropylene cone, rubber surround, pivoting  
Woofer: 8" (203mm) polypropylene cone, rubber surround, pivoting  
Frequency Response: 38Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 125 watts maximum  
Sensitivity: 90dB SPL (2.83V/1 meter)  
Grille: Perforated aluminum  
Adjustments: Tweeter level (±3dB)  
Dimensions (Dia. x D): 11<sup>9</sup>/<sub>16</sub>" x 5<sup>7</sup>/<sub>8</sub>" (294mm x 149mm)  
Cut-Out Diameter: 10<sup>1</sup>/<sub>8</sub>" (257mm)  
Shipping Weight: 20 lbs. (9kg) pair



PART# ..... 92235  
QUANTITY ..... PAIR

831R

SPECIFICATIONS

Tweeter: 3/4" (19mm) silk dome, ferrofluid-cooled, pivoting  
Midrange: 4" (102mm) polypropylene cone, rubber surround, pivoting  
Woofer: 8" (203mm) polypropylene cone, rubber surround, pivoting  
Frequency Response: 45Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 100 watts maximum  
Sensitivity: 89dB SPL (2.83V/1 meter)  
Grille: Perforated aluminum  
Adjustments: None  
Dimensions (Dia. x D): 11<sup>9</sup>/<sub>16</sub>" x 5<sup>7</sup>/<sub>8</sub>" (294mm x 149mm)  
Cut-Out Diameter: 10<sup>1</sup>/<sub>8</sub>" (257mm)  
Shipping Weight: 16 lbs. (7.3kg) pair



ORIGINAL SERIES LARGE SINGLE STEREO SPEAKERS

831R SST - SINGLE STEREO TECHNOLOGY

SPECIFICATIONS

Tweeter:	Two ¾" (19mm) silk domes, ferrofluid-cooled
Midrange:	Two 3" (76mm) polypropylene cones, rubber surrounds
Woofers:	8" (203mm) polypropylene cone, dual voice coil, rubber surround, pivoting
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia. x D):	11 7/16" x 5 7/8" (294mm x 149mm)
Cut-Out Diameter:	10 1/8" (257mm)
Shipping Weight:	8 lbs. (3.6kg) each



PART#..... 92239  
QUANTITY ..... EACH

ORIGINAL SERIES LARGE ROUND SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series large round grille	92290	111	1 pair
Large round Flex bracket	92247	119	5 pair
Large round wood acoustic enclosure	91900	124	each
Large round retrofit enclosure	92243	127	1 pair
Fire-rated (listed) large round backcan*	91908	128	each
Fire-rated (listed) deep backcan	92808	128	each
Large round coverplate	92245	118	1 pair

\* While supplies last

## SONANCE ORIGINAL SERIES MEDIUM SPEAKERS

**ORIGINAL SERIES MEDIUM SPEAKERS** are available in rectangle, round, and square shapes. In addition, they are also available in these special-purpose versions that dramatically increase installation options:

**THINLINE (TL):** Featuring shallow 3" (76mm) depths, Original Series ThinLine speakers deliver a very high level of audio performance while allowing installation in areas that are too shallow to accommodate conventional speakers.

**EXTREME (XT):** Extreme speakers are engineered for high-humidity areas and are built to survive extreme temperatures — from -30°F up to +220°F — while maintaining superior sound quality. Original Series Extreme speakers are also shock-resistant and can withstand the pelting of the high seas and salty air, making them an excellent choice for marine applications.

**SINGLE STEREO TECHNOLOGY® (SST):** Original Series Single Stereo speakers combine both left and right signals into one speaker. They are perfect for use in small spaces, such as bathrooms and hallways.

**HOME THEATER LEFT/CENTER/RIGHT (LCR):** The 623 LCR is the perfect choice to use as the left, center, and right channel speaker in a home theater, complementing the look of flat-panel televisions.

**HOME THEATER SURROUND (SUR):** Original Series Surround speakers feature a precisely-mounted dual-tweeter array that creates a diffuse soundfield that is ideal for in-ceiling surround channel applications.

### ORIGINAL SERIES MEDIUM RECTANGLE SPEAKERS

**ORIGINAL SERIES MEDIUM RECTANGLE SPEAKERS SPECIAL FEATURES** Small footprint increases installation options • Advanced woofer cone materials for robust bass • Tweeter acoustic back chamber widens and smoothes high-frequency performance • Pivoting tweeters direct sound at listeners • Low-resonance ¾" MDF baffles and cast aluminum

woofer baskets (625 & 624) • Optional retrofit molded enclosures reduce sound spillover into adjacent spaces • Roto-Lock clamps require less installation time than previous models • Exclusive new FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items



PART# ..... 92321  
QUANTITY ..... PAIR

#### 625

##### SPECIFICATIONS

Tweeter:

1" (25mm) beryllium dome, ferrofluid-cooled, pivoting, in acoustic back chamber

Woofer:

6½" (165mm) beryllium cone with a rubber surround, extended pole piece

Frequency Response:

40Hz – 20kHz ±3dB

Impedance:

6 ohms nominal; 4 ohms minimum

Power Handling:

5 watts minimum; 150 watts maximum

Sensitivity:

90dB SPL (2.83V/1 meter)

Grille:

Perforated aluminum

Adjustments:

±3dB tweeter level

Dimensions (W x H x D):

8¼" x 12¾" x 3½" (210mm x 310mm x 89mm)

Cut-Out Dims. (W x H):

6½" x 10¾" (176mm x 273mm)

Shipping Weight:

12 lbs (5.45kg) pair



PART# ..... 92320  
QUANTITY ..... PAIR

#### 624

##### SPECIFICATIONS

Tweeter:

1" (25mm) aluminum dome, ferrofluid-cooled, pivoting, in acoustic back chamber

Woofer:

6½" (165mm) coated carbon fiber cone with a rubber surround, extended pole piece

Frequency Response:

43Hz – 20kHz ±3dB

Impedance:

6 ohms nominal; 4 ohms minimum

Power Handling:

5 watts minimum; 140 watts maximum

Sensitivity:

90dB SPL (2.83V/1 meter)

Grille:

Perforated aluminum

Adjustments:

±3dB tweeter level

Dimensions (W x H x D):

8¼" x 12¾" x 3½" (210mm x 310mm x 89mm)

Cut-Out Dims. (W x H):

6½" x 10¾" (176mm x 273mm)

Shipping Weight:

11 lbs (5.0kg) pair

## ORIGINAL SERIES MEDIUM RECTANGLE SPEAKERS

**623**

### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	43Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	±3dB tweeter level
Dimensions (W x H x D):	8¼" x 12¾" x 3⅜" (210mm x 310mm x 86mm)
Cut-Out Dims. (W x H):	6⅝" x 10¾" (176mm x 273mm)
Shipping Weight:	10 lbs (4.5kg) pair



PART#..... 92319  
QUANTITY ..... PAIR

**622**

### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) polypropylene cone with a rubber surround
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	8¼" x 12¾" x 3⅜" (210mm x 310mm x 86mm)
Cut-Out Dims. (W x H):	6⅝" x 10¾" (176mm x 273mm)
Shipping Weight:	10 lbs (4.5kg) pair



PART#..... 92318  
QUANTITY ..... PAIR

**621**

### SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone with a rubber surround
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	8¼" x 12¾" x 3⅜" (210mm x 310mm x 86mm)
Cut-Out Dims. (W x H):	6⅝" x 10¾" (176mm x 273mm)
Shipping Weight:	9 lbs (4.1kg) pair



PART#..... 92317  
QUANTITY ..... PAIR

## ORIGINAL SERIES MEDIUM RECTANGLE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series medium rectangle grille	92100*	110	1 pair
Original Series Extreme rectangular grille	92212	111	1 pair
Medium rectangle Flex bracket	92336	119	5 pair
Medium rectangle masonry bracket	92066	120	1 pair
Medium rectangle staple template	900651	120	5 pair
Medium rectangle wood acoustic enclosure	91687	124	each
Medium rectangle retrofit enclosure	92342*	127	1 pair
Fire-rated (listed) shallow backcan	92807	128	each
Medium rectangle coverplate	92334*	118	1 pair
Vapor barrier	91703	129	12 pair

\* Not for use with Extreme XT

## ORIGINAL SERIES MEDIUM ROUND SPEAKERS

### ORIGINAL SERIES MEDIUM ROUND SPEAKERS

#### SPECIAL FEATURES

Small footprint increases installation options

- Advanced woofer cone materials for robust bass
- Tweeter acoustic back chamber widens and smoothes high-frequency performance
- Fully-pivoting woofers and pivoting tweeters direct sound at listeners for life-like stereo performance, even when placement options are limited
- Tweeter level control

- ( $\pm 3$ dB) fine-tunes the sound for the room
- Optional retrofit molded enclosures reduce sound spillover into adjacent spaces
- Roto-Lock clamps require less installation time than previous models
- Exclusive FastMount tabs hold the speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items



PART# ..... 92327  
QUANTITY ..... PAIR

### 625R

#### SPECIFICATIONS

Tweeter: 1" (25mm) beryllium dome, ferrofluid-cooled, pivoting, in acoustic back chamber

Woofer: 6½" (165mm) beryllium cone with a rubber surround, pivoting

Frequency Response: 40Hz – 20kHz  $\pm 3$ dB

Impedance: 6 ohms nominal; 4 ohms minimum

Power Handling: 5 watts minimum; 150 watts maximum

Sensitivity: 90dB SPL (2.83V/1 meter)

Grille: Perforated aluminum

Adjustments:  $\pm 3$ dB tweeter level

Dimensions (Dia. x D): 9¾" x 4¾" (248mm x 121mm)

Cut-Out Diameter: 8¼" (210mm)

Shipping Weight: 12 lbs (5.45kg) pair



PART# ..... 92326  
QUANTITY ..... PAIR

### 624R

#### SPECIFICATIONS

Tweeter: 1" (25mm) aluminum dome, ferrofluid-cooled, pivoting, in acoustic back chamber

Woofer: 6½" (165mm) coated carbon fiber cone with a rubber surround, pivoting

Frequency Response: 43Hz – 20kHz  $\pm 3$ dB

Impedance: 6 ohms nominal; 4 ohms minimum

Power Handling: 5 watts minimum; 140 watts maximum

Sensitivity: 90dB SPL (2.83V/1 meter)

Grille: Perforated aluminum

Adjustments:  $\pm 3$ dB tweeter level

Dimensions (Dia. x D): 9¾" x 4¾" (248mm x 121mm)

Cut-Out Diameter: 8¼" (210mm)

Shipping Weight: 11 lbs. (5.0kg) pair



PART# ..... 92325  
QUANTITY ..... PAIR

### 623R

#### SPECIFICATIONS

Tweeter: 1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber

Woofer: 6½" (165mm) carbon fiber cone with a rubber surround, pivoting

Frequency Response: 43Hz – 20kHz  $\pm 3$ dB

Impedance: 8 ohms nominal; 6 ohms minimum

Power Handling: 5 watts minimum; 135 watts maximum

Sensitivity: 90dB SPL (2.83V/1 meter)

Grille: Perforated aluminum

Adjustments:  $\pm 3$ dB tweeter level

Dimensions (Dia. x D): 9¾" x 4¾" (248mm x 121mm)

Cut-Out Diameter: 8¼" (210mm)

Shipping Weight: 10 lbs. (4.5 kg) pair

## ORIGINAL SERIES MEDIUM ROUND SPEAKERS

### 622R

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting, in acoustic back chamber
Woofer:	6½" (165mm) polypropylene cone with a rubber surround, pivoting
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia. x D):	9¾" x 4¾" (248mm x 121mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	10 lbs (4.5kg) pair



PART# ..... 92324  
QUANTITY ..... PAIR

### 621R

#### SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone with a rubber surround, pivoting
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia. x D):	9¾" x 4¾" (248mm x 121mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	9 lbs (4.1kg) pair



PART# ..... 92323  
QUANTITY ..... PAIR

## ORIGINAL SERIES MEDIUM ROUND SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series medium round grille	92101*	111	1 pair
Original Series Extreme XTR/XSSTR grille	92213	111	1 pair
Medium round Flex bracket	92337	119	5 pair
Medium round staple template	901049	120	5 pair
Medium round wood acoustic enclosure	91688§	125	each
Medium round retrofit enclosure	92343*§	127	1 pair
Fire-rated (listed) deep backcan	92808§	128	each
Medium round coverplate	92335*	118	1 pair
Vapor barrier	91703**	129	12 pair

\* Not for use with Extreme XTR and Extreme XSSTR

§ Not for use with 623R TL, 622R TL, 621R TL, 623R TL SST

\*\* Will only work with 623R TL, 622R TL, 621R TL, 623R TL SST



## ORIGINAL SERIES MEDIUM SQUARE SPEAKERS

**ORIGINAL SERIES MEDIUM SQUARE SPEAKERS SPECIAL FEATURES** Small footprint increases installation options • Carbon fiber woofer delivers impressive bass • Tweeter acoustic back chamber widens and smoothes high-frequency performance • Fully-pivoting woofer and pivoting tweeter direct sound at listeners for life-like stereo performance, even when placement options are limited

• Tweeter level control ( $\pm 3\text{dB}$ ) fine-tunes the sound for the room • Optional retrofit molded enclosure reduces sound spillover into adjacent spaces • Roto-Lock clamps require less installation time than previous models • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items



PART# ..... 92331  
QUANTITY ..... PAIR

### 623S

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround, pivoting
Frequency Response:	43Hz – 20kHz $\pm 3\text{dB}$
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	$\pm 3\text{dB}$ tweeter level
Dimensions (W x H x D):	9¾" x 9¾" x 4¾" (248mm x 248mm x 121mm)
Cut-Out Dims. (W x H):	8¼" x 8¼" (210mm x 210mm)
Shipping Weight:	10 lbs (4.5kg) pair

## ORIGINAL SERIES MEDIUM SQUARE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series medium square metal grille	92458	111	1 pair
Medium square Flex bracket	92344	119	5 pair
Fire-rated (listed) deep backcan	92808	128	each

## ORIGINAL SERIES MEDIUM CABINET SPEAKERS



PART# ..... 92116  
QUANTITY ..... EACH

### S622C CABINET SPEAKER

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone with a rubber surround
Frequency Response:	45Hz – 20kHz $\pm 3\text{dB}$
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Cabinet Material:	1" MDF (baffle and rear panel); ½" MDF / ½" particle board laminate (top, bottom and sides)
Grille:	Black cloth
Finish:	Black
Dimensions (W x H x D):	7½" x 11" x 11½" (191mm x 279mm x 292mm)
Shipping Weight:	18 lbs (8.2kg) each

**623 SST - SINGLE STEREO TECHNOLOGY****SPECIFICATIONS**

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	43Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	90dB SPL (2.83V 1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	8¼" x 12¾" x 3⅜" (210mm x 310mm x 86mm)
Cut-Out Dims. (W x H):	6⅛" x 10¾" (176mm x 273mm)
Shipping Weight:	5 lbs (2.3kg) each



PART# ..... 92322  
 QUANTITY ..... EACH

**623R SST - SINGLE STEREO TECHNOLOGY****SPECIFICATIONS**

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround, dual voice coil, pivoting
Frequency Response:	43Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	±3dB Tweeter level
Dimensions (Dia. x D):	9¾" x 4¾" (248mm x 121mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	5 lbs (2.3kg) each



PART# ..... 92330  
 QUANTITY ..... EACH

**623R TL SST - SINGLE STEREO TECHNOLOGY****SPECIFICATIONS**

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround, dual voice coil
Frequency Response:	43Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	±3dB Tweeter level
Dimensions (Dia. x D):	9¾" x 3" (248mm x 76mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	5 lbs (2.3kg) each



PART# ..... 92312  
 QUANTITY ..... EACH

**621R SST - SINGLE STEREO TECHNOLOGY****SPECIFICATIONS**

Tweeter:	Two ¾" (19mm) silk domes, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone with a rubber surround, dual voice coil, pivoting
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia. x D):	9¾" x 4¾" (248mm x 121mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	4.5 lbs (2.0kg) Each



PART# ..... 92329  
 QUANTITY ..... EACH

## ORIGINAL SERIES MEDIUM HOME THEATER SPEAKERS

**ORIGINAL SERIES MEDIUM HOME THEATER SPEAKERS**  
**SPECIAL FEATURES** Ideal for all three front-channel home theater applications • The perfect center-channel counterpart for an Original Series left and right channel speaker pair  
 • Tweeter level control ( $\pm 3\text{dB}$ ) fine-tunes performance for

the room • Fits standard 16" on-center stud construction • Roto-Lock mounting system simplifies installation • Exclusive FastMount tabs hold speaker in the mounting hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items



PART# ..... 92473  
 QUANTITY ..... EACH

### 623 LCR

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Woofer:	Two 6½" (165mm) carbon fiber cones with rubber surrounds
Frequency Response:	43Hz – 20kHz $\pm 3\text{dB}$
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	92dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	$\pm 3\text{dB}$ tweeter level
Dimensions (W x H x D):	16" x 8¼" x 3½" (407mm x 210mm x 89mm)
Cut-Out Dims. (W x H):	6⅞" x 14½" (175mm x 368mm)
Shipping Weight:	8 lbs (3.6kg) each



PART# ..... 92328  
 QUANTITY ..... PAIR

### 623R SUR SURROUND

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	55 Hz – 20 kHz $\pm 3\text{dB}$
Sensitivity:	90dB SPL (2.83V/1 meter)
Power Handling:	5 watts min; 150 watts max
Impedance:	8 ohms nominal; 7 ohms minimum
Grille:	Perforated aluminum
Dimensions (Dia. x D):	9¾" x 5⅜" (248mm x 132mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	11 lbs (5.0kg) pair

## ORIGINAL SERIES MEDIUM HOME THEATER SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series medium LCR grille	92738	111	each
Medium LCR Flex bracket	92475	119	each
Medium LCR retrofit enclosure	92836	127	each

Note: Additional accessories for these products are listed on pages 53 and 55 as well as in the Accessories Matrix on page 66.

## ORIGINAL SERIES MEDIUM THINLINE SPEAKERS

### 623R TL THINLINE

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting
Woofers:	6 1/2" (165mm) carbon fiber cone, rubber surround
Frequency Response:	43Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	±3dB Tweeter level
Dimensions (Dia. x D):	9 3/4" x 3" (248mm x 76mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	10 lbs (4.5kg) pair



PART#..... 92311  
QUANTITY ..... PAIR

### 622R TL THINLINE

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled, pivoting
Woofers:	6 1/2" (165mm) polypropylene cone, rubber surround
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia. x D):	9 3/4" x 3" (248mm x 76mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	10 lbs (4.5kg) pair



PART#..... 92310  
QUANTITY ..... PAIR

### 621R TL THINLINE

#### SPECIFICATIONS

Tweeter:	3/4" (19mm) silk dome, ferrofluid-cooled
Woofers:	6 1/2" (165mm) polypropylene cone with a rubber surround
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia. x D):	9 3/4" x 3" (248mm x 76mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	9 lbs (4.1kg) pair



PART#..... 92309  
QUANTITY ..... PAIR

Note: Accessories for these products are listed on page 55 as well as in the Accessories Matrix on page 66.

## ORIGINAL SERIES MEDIUM EXTREME SPEAKERS

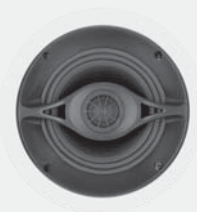


PART# ..... 91636  
QUANTITY ..... PAIR

### EXTREME XT

#### SPECIFICATIONS

Tweeter: 1" (25mm) polyurethane dome  
Woofer: 6½" (165mm) one-piece black anodized aluminum cone with a Santoprene surround  
Frequency Response: 55Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal, 6 ohms minimum  
Power Handling: 5 watts minimum; 60 watts maximum  
Sensitivity: 89dB SPL (2.83V/1 meter)  
Grille: Powder-coated stainless steel  
Dimensions (W x H x D): 8¼" x 12 ¾" x 2½" (210mm x 310mm x 63.5mm)  
Cut-Out Dims. (W x H): 6½" x 10¾" (176mm x 273mm)  
Shipping Weight: 9 lbs (4.1kg) pair

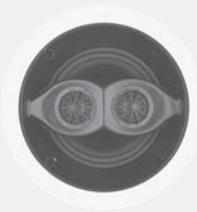


PART# ..... 91637  
QUANTITY ..... PAIR

### EXTREME XTR

#### SPECIFICATIONS

Tweeter: 1" (25mm) polyurethane dome  
Woofer: 6½" (165mm) one-piece black anodized aluminum cone with a Santoprene surround  
Frequency Response: 55Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal, 6 ohms minimum  
Power Handling: 5 watts minimum; 60 watts maximum  
Sensitivity: 89dB SPL (2.83V/1 meter)  
Grille: Powder-coated stainless steel  
Dimensions (Dia x D): 9¾" x 4" (248mm x 102mm)  
Cut-Out Diameter: 8¼" (210mm)  
Shipping Weight: 9 lbs (4.1kg) pair



PART# ..... 91638  
QUANTITY ..... EACH

### EXTREME XTR SST - SINGLE STEREO TECHNOLOGY

#### SPECIFICATIONS

Tweeter: Two 1" (25mm) polyurethane domes  
Woofer: 6½" (165mm) dual voice coil, one piece black anodized aluminum cone with a Santoprene surround  
Frequency Response: 55Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal, 6 ohms minimum  
Power Handling: 5 watts minimum; 60 watts maximum  
Sensitivity: 89dB SPL (2.83V/1 meter)  
Grille: Powder-coated stainless steel  
Dimensions (Dia x D): 9¾" x 5¾" (248mm x 132mm)  
Cut-Out Diameter: 8¼" (210mm)  
Shipping Weight: 4½ lbs (2.1kg) each

Note: Additional accessories for these products are listed on pages 53 and 55 as well as in the Accessories Matrix on page 66.



## SONANCE ORIGINAL SERIES SMALL SPEAKERS

**SONANCE ORIGINAL SERIES SMALL SPEAKERS** include six different models with performance that will satisfy demanding listeners, yet they are small enough to fit effortlessly in smaller rooms or challenging installation locations. Two rectangle models, two round models, a square model, and a Single Stereo Technology model provide flexibility for most installation situations.

### ORIGINAL SERIES SMALL RECTANGLE SPEAKERS

**ORIGINAL SERIES SMALL RECTANGLE SPEAKERS SPECIAL FEATURES** Advanced woofer cone materials deliver solid bass performance • Low-resonance die-cast woofer basket (423) • Pivoting tweeters direct sound at listeners for life-like stereo performance even when placement options

are limited • Removable IR plug for discreet placement of IR receiver in the speaker's front baffle, allowing remotes to be aimed at the front of the room even when the electronics are placed in an inconvenient location

#### 423

##### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, pivoting
Woofer:	4½" (114mm) carbon fiber cone with a rubber surround, die-cast woofer basket
Frequency Response:	55Hz - 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 80 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	5½" x 8⅞" x 3" (140mm x 225mm x 76mm)
Cut-Out Dims. (W x H):	4⅝" x 8" (117mm x 203mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART# ..... 92357  
QUANTITY ..... PAIR

#### 422

##### SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome, pivoting
Woofer:	4½" (114mm) polypropylene cone with a rubber surround
Frequency Response:	60Hz - 20kHz ±3dB
Impedance:	8 ohms nominal ; 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	5½" x 8⅞" x 3" (140mm x 225mm x 76mm)
Cut-Out Dims. (W x H):	4⅝" x 8" (117mm x 203mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART# ..... 92356  
QUANTITY ..... PAIR

### ORIGINAL SERIES SMALL RECTANGLE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series Small rectangle metal grille	92087	110	1 pair
Small rectangle Flex bracket	92470	119	5 pair
Small rectangle masonry bracket	92067	120	1 pair
Small rectangle retrofit enclosure	92442	127	1 pair
Fire-rated (listed) shallow backcan	92807	128	each
Vapor barrier	91703	129	12 pair

## ORIGINAL SERIES SMALL ROUND SPEAKERS

**ORIGINAL SERIES SMALL ROUND SPEAKERS**  
**SPECIAL FEATURES** Advanced woofer cone materials deliver solid bass performance • Pivoting tweeters direct sound at listeners for life-like stereo performance even when

placement options are limited • Single Stereo Technology model plays left and right channels from a single speaker — ideal for kitchens, bathrooms, and hallways



PART#..... 92359  
 QUANTITY ..... PAIR

### 422R

#### SPECIFICATIONS

Tweeter:	3/4" (19mm) silk dome, pivoting
Woofer:	4 1/2" (114mm) polypropylene cone with a rubber surround
Frequency Response:	60Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia x D):	6 7/8" x 3 1/2" (175mm x 89mm)
Cut-Out Diameter:	5 7/8" (149mm)
Shipping Weight:	6 lbs (2.8kg) pair



PART#..... 92358  
 QUANTITY ..... PAIR

### 421R

#### SPECIFICATIONS

Tweeter:	3/4" (19mm) silk dome
Woofer:	4 1/2" (114mm) polypropylene cone with a rubber surround
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 50 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia x D):	6 7/8" x 3 1/2" (175mm x 89mm)
Cut-Out Diameter:	5 7/8" (149mm)
Shipping Weight:	6 lbs (2.8kg) pair

## ORIGINAL SERIES SMALL ROUND SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series small round metal grille	92088	111	1 pair
Small round Flex bracket	92471	119	5 pair
Small round retrofit enclosure	92443	127	1 pair
Small round wood acoustic enclosure*	92445	125	each
Fire-rated (listed) deep backcan	92808	128	each

\*While supplies last

## ORIGINAL SERIES SMALL SQUARE SPEAKERS

**ORIGINAL SERIES SMALL SQUARE SPEAKERS**  
**SPECIAL FEATURES** Advanced woofer cone materials deliver solid bass performance • Pivoting tweeter directs sound

at listeners for life-like stereo performance even when placement options are limited

### 422S

#### SPECIFICATIONS

Tweeter:	¾" (19mm) silk dome, pivoting
Woofer:	4½" (114mm) polypropylene cone with a rubber surround
Frequency Response:	60Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	6½" x 6½" x 3⅝" (165mm x 165mm x 92mm)
Cut-Out Dims. (W x H):	5⅝" x 5⅝" (143mm x 143mm)
Shipping Weight:	3 lbs (1.4kg)



PART#..... 92361  
 QUANTITY ..... PAIR

## ORIGINAL SERIES SMALL SQUARE SPEAKER ACCESSORIES

	Part #	Page #	QTY
Original Series Small square metal grille	92599	111	1 pair
Small square Flex bracket	92472	119	5 pair
Small square retrofit enclosure	92453	127	1 pair
Small square wood acoustic enclosure*	92449	125	each
Fire-rated (listed) deep backcan	92808	128	each

\* While supplies last

## ORIGINAL SERIES SMALL SINGLE STEREO SPEAKERS

### 421R SST - SINGLE STEREO TECHNOLOGY

#### SPECIFICATIONS

Tweeter:	Two ¾" (19mm) silk domes
Woofer:	4½" (114mm) polypropylene cone with a rubber surround
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 50 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (Dia x D):	6⅞" x 3½" (175mm x 89mm)
Cut-Out Diameter:	5⅞" (149mm)
Shipping Weight:	3 lbs (1.4kg)



PART#..... 92360  
 QUANTITY ..... EACH

Note: Accessories for these products are listed on page 62 as well as in the Accessories Matrix on page 66.

## SONANCE ORIGINAL SERIES WOOFERS

Sonance Original Series woofers enhance the bass performance of any home theater or distributed audio system. Available in both in-wall and in-ceiling configurations and in amplified and passive versions, these woofers can be used with practically any type of audio system. Eight-inch diameter carbon fiber cones deliver the kind of deep, powerful bass more commonly found in audiophile free-standing speakers. Amplified versions require a Sonamp A800 amplifier (available separately). The A800 delivers 150 watts of power and provides flexible controls, allowing the installer or listener to fine-tune the woofer and optimize its performance for a wide variety of audio systems and listening situations. Exclusive new FastMount tabs and Roto-Lock mounting system make installing these woofers easier than ever before.

### ORIGINAL SERIES LARGE WOOFERS

**ORIGINAL SERIES WOOFERS SPECIAL FEATURES** Three models available: Amplified in-wall (A800<sub>D</sub>), amplified in-ceiling (A800<sub>DR</sub>) and passive in-wall (P800<sub>D</sub>) • Amplified versions require Sonamp A800 amplifier (available separately, see listing on this page) • Eight-inch diameter woofers deliver deep, powerful bass • Cast aluminum woofer baskets • Exclusive new FastMount tabs hold speaker in the mounting

hole during installation, allowing the installer to let go of the speaker to pick-up tools or other items • Roto-Lock mounting system simplifies installation • Paintable aluminum grilles • Optional wood acoustic enclosures optimize bass performance and reduce sound spillover from rear to adjacent rooms



PART# (WOOFER ONLY)  
..... 92302  
QUANTITY ..... EACH

#### A800D AMPLIFIED IN-WALL WOOFER

##### SPECIFICATIONS

Woofer:	8" (203mm) long-throw carbon fiber cone, with a rubber surround
Frequency Response:	35Hz – 250Hz
Dimensions (W x H x D):	9 <sup>7</sup> / <sub>8</sub> " x 15 <sup>15</sup> / <sub>16</sub> " x 3 <sup>7</sup> / <sub>8</sub> " (251mm x 405mm x 99mm)
Cut-Out Dims. (W x H):	8 <sup>1</sup> / <sub>2</sub> " x 14 <sup>1</sup> / <sub>2</sub> " (216mm x 368mm)
Shipping Weight:	9 lbs (4.1kg)

Note: Requires a Sonamp A800 amplifier (available separately, see page 41).



PART# (WOOFER ONLY)  
..... 92305  
QUANTITY ..... EACH

#### A800DR AMPLIFIED IN-CEILING WOOFER

##### SPECIFICATIONS

Woofer:	8" (203mm) long-throw carbon fiber cone, with a rubber surround
Frequency Response:	35Hz – 250Hz
Dimensions (Dia x D):	11 <sup>1</sup> / <sub>4</sub> " x 6" (286mm x 152mm)
Cut-Out Diameter:	10 <sup>1</sup> / <sub>8</sub> " (257mm)
Shipping Weight:	9 lbs (4.1kg)

Note: Requires a Sonamp A800 amplifier (available separately, see page 41).



PART# ..... 92303  
QUANTITY ..... EACH

#### P800D PASSIVE IN-WALL WOOFER

##### SPECIFICATIONS

Woofer:	8" (203mm) long-throw carbon fiber cone, dual voice coil, with a rubber surround
Frequency Response:	35Hz – 250Hz
Power Handling:	150 watts
Sensitivity:	90dB SPL (2.83V/1 meter)
Crossover Frequency:	150 Hz
Dimensions (W x H x D):	9 <sup>7</sup> / <sub>8</sub> " x 15 <sup>15</sup> / <sub>16</sub> " x 3 <sup>7</sup> / <sub>8</sub> " (251mm x 405mm x 99mm)
Cut-Out Dims. (W x H):	8 <sup>1</sup> / <sub>2</sub> " x 14 <sup>1</sup> / <sub>2</sub> " (216mm x 368mm)
Shipping Weight:	13 lbs (5.8 kg) each

## ORIGINAL SERIES WOOFER ACCESSORIES

	Part #	Page #	QTY
Original Series Large rectangle metal grille	92289	110	1 pair
Original Series Large round metal grille	92290	111	1 pair
Large rectangle Flex bracket	92246	119	5 pair
Large round Flex bracket	92247	119	5 pair
Large rectangle wood acoustic enclosure	91708	124	each
Large round wood acoustic enclosure	91900	124	each
Large rectangle coverplate	92244	118	1 pair
Large round coverplate	92245	118	1 pair

## SONAMP WOOFER AMPLIFIER

**SONAMP A800 SPECIAL FEATURES** For use with VP85 W, VP85R W, VP85S W, A800D, A800DR, SAW • 150 watts (program) • Front-panel volume, crossover, and phase controls • Built-in non-defeatable limiter prevents overdriving woofers • Binding-post speaker connectors •

Line-level outputs for daisy-chaining multiple amplifiers • Defeatable auto-on signal sensing • Active current limit, short-circuit and speaker protection • Auto-resetting thermal protection shutoff • In-rush current-limiting circuit • Available in 120V and 230V versions • Available rack-mount ears

## SONAMP A800 WOOFER AMPLIFIER

## SPECIFICATIONS

Number of Channels:	1
Power Output:	90 watts RMS @ 4 ohms Power Output (program): 150 watts @ 4 ohms
Frequency Response:	31Hz – 78Hz (variable to 63Hz) +1/-3dB
Total Harmonic Distortion:	0.05% 20Hz – 300Hz @ 8 ohms
Signal-to-Noise Ratio:	-95dB (w/22kHz A-WTG filter)
Input Sensitivity:	45mV for 90 watts RMS @ 4 ohms (stereo inputs); 90mV (LFE input)
Input Impedance:	20k ohms
Power Consumption:	160 watts maximum (4 ohms, full power); 13 watts idle (no signal)
AC Fuse (120V Version):	4A (T4AL ~250V)
AC Fuse (230V Version):	2A (T2AL ~250V)
Heat Output:	98 BTU/HR @ 8 ohms (rock music) 140 BTU/HR @ 4 ohms (rock music)
Dimensions (W x H x D):	16¾" x 4" x 13½" (425mm x 102mm x 343mm)
Dimensions w/Rack Ears (W x H x D):	19" x 4" x 13½" (489mm x 102mm x 343mm)
Rack Space Requirements:	2U
Shipping Weight:	20 lbs (9.1kg)



PART# (120V)..... 92306  
QUANTITY ..... EACH

PART# (230V)..... 92454  
QUANTITY ..... EACH



RACK EARS KIT  
PART# ..... 90603  
QUANTITY ..... PAIR



# ACCESSORY MATRIX FOR ORIGINAL SERIES SPEAKERS

## ORIGINAL SERIES LARGE SPEAKERS

SPEAKER	METAL GRILLE		CLOTH GRILLE	FLEX BRACKET		MASONRY BRACKET		STAPLE TEMPLATE	
	PART#	PAGE#							
832	92289	110	--	92246	119	--		901067	120
831	92289	110	--	92246	119	--		901067	120
832R	92290	111	--	92247	119	--		--	
831R	92290	111	--	92247	119	--		--	
831R SST	92290	111	--	92247	119	--		--	

## ORIGINAL SERIES MEDIUM SPEAKERS

SPEAKER	METAL GRILLE		CLOTH GRILLE	FLEX BRACKET		MASONRY BRACKET		STAPLE TEMPLATE	
625	92100	110	--	92336	119	92066	120	900651	120
624	92100	110	--	92336	119	92066	120	900651	120
623	92100	110	--	92336	119	92066	120	900651	120
622	92100	110	--	92336	119	92066	120	900651	120
621	92100	110	--	92336	119	92066	120	900651	120
623 SST	92100	110	--	92336	119	92066	120	900651	120
EXTREME XT	92212	111	--	92336	119	92066	120	900651	120
625R	92101	111	--	92337	119	--		901049	120
624R	92101	111	--	92337	119	--		901049	120
623R	92101	111	--	92337	119	--		901049	120
622R	92101	111	--	92337	119	--		901049	120
621R	92101	111	--	92337	119	--		901049	120
623R TL	92101	111	--	92337	119	--		901049	120
622R TL	92101	111	--	92337	119	--		901049	120
621R TL	92101	111	--	92337	119	--		901049	120
623R SST	92101	111	--	92337	119	--		901049	120
621R SST	92101	111	--	92337	119	--		901049	120
623R TL SST	92101	111	--	92337	119	--		901049	120
623R SRS	92101	111	--	92337	119	--		901049	120
EXTREME XTR	92213	111	--	92337	119	--		901049	120
EXTREME XSSTR	92213	111	--	92337	119	--		901049	120
623S	92458	111	--	92344	119	--		--	
623 LCR	92738	111	--	92475	119	--		--	
SYMPHONY S622 701114	116		-- --	-- --		-- --		--	

## ORIGINAL SERIES SMALL SPEAKERS

SPEAKER	METAL GRILLE		CLOTH GRILLE	FLEX BRACKET		MASONRY BRACKET		STAPLE TEMPLATE	
423	92087	110	--	92470	119	92067	120	--	
422	92087	110	--	92470	119	92067	120	--	
421R	92088	111	--	92471	119	--		--	
421R SST	92088	111	--	92471	119	--		--	
422S	92599	111	--	92472	119	--		--	

RETROFIT ENCLOSURE		WOOD ACOUSTIC ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE		VAPOR BARRIER	
92242	127	91708	124	--		92244	118	91703	129
92242	127	91708	124	--		92244	118	91703	129
92243	127	91900	124	91908*/92808	128	92245	118	--	
92243	127	91900	124	91908*/92808	128	92245	118	--	
92243	127	91900	124	91908*/92808	128	92245	118	--	
RETROFIT ENCLOSURE		WOOD ACOUSTIC ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE		VAPOR BARRIER	
92342	127	91687	124	92807	128	92334	118	91703	129
92342	127	91687	124	92807	128	92334	118	91703	129
92342	127	91687	124	92807	128	92334	118	91703	129
92342	127	91687	124	92807	128	92334	118	91703	129
92342	127	91687	124	92807	128	92334	118	91703	129
92342	127	91687	124	92807	128	92334	118	91703	129
--		91687	124	92807	128	--		91703	129
92343	127	91688	125	92808	128	92335	118	--	
92343	127	91688	125	92808	128	92335	118	--	
92343	127	91688	125	92808	128	92335	118	--	
92343	127	91688	125	92808	128	92335	118	--	
92343	127	91688	125	92808	128	92335	118	--	
--		--		--		92335	118	91703	129
--		--		--		92335	118	91703	129
--		--		--		92335	118	91703	129
92343	127	91688	125	92808	128	92335	118	--	
92343	127	91688	125	92808	128	92335	118	--	
--		--		--		92335	118	91703	129
92343	127	91688	125	92808	128	92335	118	--	
--		91688	125	92808	128	--		--	
--		91688	125	92808	128	--		--	
--		--		92808	128	--		--	
--		--		--		--		--	
RETROFIT ENCLOSURE		WOOD ACOUSTIC ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE		VAPOR BARRIER	
92242	127	--		92807	128	--		91703	129
92242	127	--		92807	128	--		91703	129
92443	127	92445	125	92808	128	--		--	
92443	127	92445	125	92808	128	--		--	
92453	127	92449	125	92808	128	--		--	
				*While supplies last. Replacement is fire-rated (listed) deep backcan (#92808).					

# CONTRACTOR SERIES

Sonance Contractor Series speakers deliver high-fidelity sound and value. With a variety of speakers available, the Sonance Contractor Series provides installers multiple options to fulfill their client's price, design, and audio requirements.



## SONANCE CONTRACTOR SERIES SPEAKERS

**SONANCE CONTRACTOR SERIES SPEAKERS** High fidelity sound at value prices. The Sonance Contractor Series offers installers even more choices for distributed audio applications. Finished with the Sonance diamond-perforated speaker grilles, Contractor Series speakers can be mix and matched with Original Series Large and Medium installs. They are perfect for bedrooms, entryways, corridors, garages, and patio covers.

### CONTRACTOR SERIES RECTANGLE SPEAKERS

**SPECIAL FEATURES** Black baffles eliminate speaker cone shadows through the grilles • Woofers are back-mounted on the baffle for improved isolation from the local environment • All models are weather-resistant • Pivoting tweeter directs sound at listeners for life-like stereo reproduction

even when placement options are limited (C201)  
 • Removable IR plug for discreet placement of IR receiver in the speaker's front baffle, allowing remotes to be aimed at the front of the room even when the electronics are placed in an inconvenient location • Can be used with most Original Series Medium rectangle accessories

#### C201

##### SPECIFICATIONS

Tweeter:	¾" (19mm) treated cloth dome, pivoting
Woofers:	6½" (165 mm) polypropylene cone with a rubber surround
Frequency Response:	65Hz – 20kHz ±3dB
Sensitivity:	88dB SPL (2.83V/1meter)
Power Handling:	5 watts minimum; 100 watts maximum
Impedance:	8 ohms nominal
Grille:	Perforated aluminum
Dimensions (W x H x D):	8¼" x 12¾" x 3¾" (210mm x 310mm x 95mm)
Cut-Out Dims. (W x H):	6¾" x 10¾" (171mm x 273mm)
Shipping Weight:	8 lbs (3.63kg) pair



PART#..... 91801  
 QUANTITY ..... PAIR

#### C101

##### SPECIFICATIONS

Tweeter:	½" (12mm) treated cloth dome
Woofers:	6½" (165 mm) polypropylene cone with a rubber surround
Frequency Response:	70Hz – 20kHz ±3dB
Sensitivity:	88dB SPL (2.83V/1meter)
Power Handling:	5 watts minimum; 80 watts maximum
Impedance:	8 ohms nominal
Grille:	Perforated aluminum
Dimensions (W x H x D):	8¼" x 12¾" x 3¾" (210mm x 310mm x 95mm)
Cut-Out Dims. (W x H):	6¾" x 10¾" (171mm x 273mm)
Shipping Weight:	8 lbs (3.63kg) pair



PART#..... 91800  
 QUANTITY ..... PAIR

### CONTRACTOR SERIES RECTANGLE SPEAKER ACCESSORIES

	Part #	Page#	QTY
Contractor Series medium rectangle grille	91943	112	1 pair
Medium rectangle Flex bracket	92336	119	5 pair
Medium rectangle staple template	900651	120	5 pair
Medium rectangle wood acoustic enclosure	91687	124	each
Fire-rated (listed) shallow backcan	92807	128	each
Medium rectangle coverplate	92334	118	1 pair
Medium rectangle masonry bracket	92066	120	1 pair

## CONTRACTOR SERIES ROUND SPEAKERS

**SPECIAL FEATURES** Black baffles eliminate speaker cone shadows through the grilles • Woofers are back-mounted on the baffle for improved isolation from the local environment • Eight-inch woofer delivers impressive bass (CR801) • All models are weather-resistant

- Pivoting tweeter directs sound at listeners for life-like stereo reproduction even when placement options are limited (CR801, CR201)
- Can be used with some Original Series Large (CR801), and Medium (CR201, CR101, CR101SST) round speaker accessories



PART# ..... 91807  
QUANTITY ..... PAIR

### CR801

#### SPECIFICATIONS

Tweeter:	1" (25mm) pivoting, treated cloth dome
Woofers:	8" (203 mm) black polypropylene cone with a rubber surround
Frequency Response:	47Hz – 20kHz ±3dB
Sensitivity:	89dB SPL (2.83V/1meter)
Power Handling:	5 watts minimum; 120 watts maximum
Impedance:	8 ohms nominal, 6 ohms minimum
Grille:	Perforated aluminum
Dimensions (Dia x D):	12" x 4" (305mm x 102mm)
Cut-Out Diameter:	10 <sup>1</sup> / <sub>8</sub> " (257mm)
Shipping Weight:	12 lbs (5.45kg) pair

### CR801 ACCESSORIES

	Part #	Page #	QTY
Contractor Series CR801 metal grille	92013	112	1 pair
Large round Flex bracket	92247	119	5 pair
Large round wood acoustic enclosure	91900	124	each
Fire-rated (listed) deep backcan	92808	128	each
Large round coverplate	92245	118	1 pair



PART# ..... 91804  
QUANTITY ..... PAIR

### CR201

#### SPECIFICATIONS

Tweeter:	3/4" (19mm) treated cloth dome, pivoting
Woofers:	6 1/2" (165mm) polypropylene cone with a rubber surround
Frequency Response:	65Hz – 20kHz ±3dB
Sensitivity:	88dB SPL (2.83V/1meter)
Power Handling:	5 watts minimum; 100 watts maximum
Impedance:	8 ohms nominal, 6 ohms minimum
Grille:	Perforated aluminum
Dimensions (Dia x D):	9 3/4" x 3 3/4" (248mm x 95mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	8 lbs (3.63kg) pair



PART# ..... 91803  
QUANTITY ..... PAIR

### CR101

#### SPECIFICATIONS

Tweeter:	1/2" (12mm) treated cloth dome
Woofers:	6 1/2" (165mm) polypropylene cone with a rubber surround
Frequency Response:	60Hz – 20kHz ±3dB
Sensitivity:	88dB SPL (2.83V/1meter)
Power Handling:	5 watts minimum; 80 watts maximum
Impedance:	8 ohms nominal, 6 ohms minimum
Grille:	Perforated aluminum
Dimensions (Dia x D):	9 3/4" x 3 3/4" (248mm x 95mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	8 lbs (3.63kg) pair



## CONTRACTOR SERIES ROUND SPEAKERS

### CR101SST

#### SPECIFICATIONS

Tweeter:	Two 1/2" (12mm) treated cloth domes
Woofers:	6 1/2" (165mm) polypropylene cone with a rubber surround, dual voice coil
Frequency Response:	70Hz – 20kHz ±3dB
Sensitivity:	88dB SPL (2.83V/1meter)
Power Handling:	5 watts minimum; 80 watts maximum
Impedance:	8 ohms nominal, 6 ohms minimum
Grille:	Perforated aluminum
Dimensions (Dia x D):	9 3/4" x 3 3/4" (248mm x 95mm)
Cut-Out Diameter:	8 1/4" (210mm)
Shipping Weight:	4 lbs (1.8kg) each



PART#..... 91806  
QUANTITY ..... EACH

## CONTRACTOR SERIES ROUND SPEAKER ACCESSORIES

	Part #	Page#	QTY
Contractor Series round metal grille	91944	112	1 pair
Medium round Flex bracket	92337	119	5 pair
Medium round staple template	901049	120	5 pair
Medium round wood acoustic enclosure	91688	125	each
Fire-rated (listed) deep backcan	92808	128	each
Medium round coverplate	92335	118	1 pair

## CONTRACTOR SERIES SQUARE SPEAKERS

**SPECIAL FEATURES** Black baffles eliminate speaker cone shadows through the grilles • Woofers are back-mounted on the baffle for improved isolation from the local environment

• Weather resistant • Pivoting tweeter directs sound at listeners for life-like stereo reproduction, even when placement options are limited

### C201SQ

#### SPECIFICATIONS

Tweeter:	3/4" (19mm) cloth dome, pivoting
Woofers:	6 1/2" (165mm) polypropylene cone with a rubber surround
Frequency Response:	60Hz – 20kHz ±3dB
Impedance:	8 ohms nominal, 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	88dB SPL (2.83V/1meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	8 11/16" x 8 11/16" x 3 1/4" (221mm x 221mm x 83mm)
Cut-Out Dims. (W x H):	7 3/8" x 7 3/8" (187mm x 187mm)
Shipping Weight:	8 lbs (3.6 kg) pair



PART#..... 91635  
QUANTITY ..... PAIR

## CONTRACTOR SERIES SQUARE SPEAKER ACCESSORIES

	Part #	Page#	QTY
Contractor Series square grille	141215	112	each
Contractor Series square flex bracket	91942	120	1 pair
Fire-rated (listed) deep backcan	92808	128	each
Contractor Series square fire-rated backcan	91933†	128	each

# ACCESSORY MATRIX FOR CONTRACTOR SERIES SPEAKERS

CONTRACTOR SERIES SPEAKERS										
SPEAKER	METAL GRILLE		FLEX BRACKET		MASONRY BRACKET		STAPLE TEMPLATE		WOOD ACOUSTIC ENCLOSURE	
	PART#	PAGE#								
C201	91943	112	92336	119	92066	120	900651	120	91687	124
C101	91943	112	92336	119	92066	120	900651	120	91687	124
CR801	92013	112	92247	119		--		--	91900	124
CR201	91944	112	92337	119		--	901049	120	91688	125
CR101	91944	112	92337	119		--	901049	120	91688	125
CR101SST	91944	112	92337	119		--	901049	120	91688	125
C201SQ	141215	112	91942	120		--		--		--

FIRE-RATED BACKCAN		COVERPLATE	
92807	128	92334	118
92807	128	92334	118
92808	128	92245	118
92808	128	92335	118
92808	128	92335	118
92808	128	92335	118
91933/92808	128/128	--	

# CINEMA SERIES

Like you, we are incredibly avid movie fans. We know you're on the edge of your seat for every explosion, splash, crash, cry, scream and squeal. With Sonance Cinema® Series home theater solutions, music, special effects, and dialogue are reproduced perfectly without cluttering your home theater. Sonance home theater solutions deliver every whisper of sound and every note of the soundtrack with perfect clarity...just as it was intended.



# SONANCE CINEMA SERIES

**THE ULTIMATE HOME THEATER EXPERIENCE** The all-new Sonance Cinema Series speakers combine the aesthetic appeal of the award winning Sonance Visual Performance Series and the reference performance quality of Sonance speakers. Featuring high-gloss, integrated sealed enclosures and micro-trim grilles (0.20" of trim), the new Cinema Series combines elegant, modern style with uncompromised in-wall home theater performance. Sonance Cinema Series speakers seamlessly integrate into the designed space to transform almost any room into a movie theater. All Cinema Series speakers are sonically matched for flexibility in home theater requirements whether in-wall, in-ceiling or cabinet speaker installations.

## CINEMA SERIES IN-WALL SPEAKERS

**SPECIAL FEATURES** Carbon fiber/Rohacell® laminated midrange and woofer drivers deliver state-of-the-art performance and consistent sonic signature • Silk dome tweeters provide the clearest possible highs • One-piece, micro-trim, low-profile magnetic grille • Grille features simple one-steppaint process • Non-resonant, integrated 3/4" MDF enclosures promote natural, uncolored sound

while minimizing sound spillover into adjacent rooms

- Die-cast aluminum woofer and midrange baskets reduce resonances
- Available in two configurations — the LCR2 and SUR2 utilize four woofers for the largest home theaters, while the LCR1 and SUR1 have two woofers for home theater designs up to 3000 cubic feet.

### CINEMA LCR2

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Midrange:	4" (100mm) carbon fiber/Rohacell laminated cone with a rubber surround
Woofer:	Four 5 1/4" (133mm) carbon fiber/Rohacell laminated cones with rubber surrounds
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 200 watts maximum
Sensitivity:	92dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8 7/8" x 34 7/8" x 3 7/8" (225mm x 886mm x 98mm)
Cut-Out Dims. (W x H):	7 1/2" x 33 1/2" (191mm x 851mm)
Shipping Weight:	29 lbs (13.2kg) each



PART#..... 92497  
QUANTITY ..... EACH

### CINEMA SUR2

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Midrange:	Two 3" (76mm) carbon fiber/Rohacell laminated cones with rubber surrounds
Woofer:	Four 5 1/4" (133mm) carbon fiber/Rohacell laminated cones with rubber surrounds
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 200 watts maximum
Sensitivity:	92dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8 7/8" x 34 7/8" x 3 7/8" (225mm x 886mm x 98mm)
Cut-Out Dims. (W x H):	7 1/2" x 33 1/2" (191mm x 851mm)
Shipping Weight:	29 lbs (13.2kg) each



PART#..... 92498  
QUANTITY ..... EACH



## CINEMA SERIES IN-WALL SPEAKERS



PART# ..... 92495  
QUANTITY ..... EACH

### CINEMA LCR1

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Midrange:	4" (100mm) carbon fiber/Rohacell laminated cone with a rubber surround
Woofers:	Two 5 1/4" (133mm) carbon fiber/Rohacell laminated cones with rubber surrounds
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8 7/8" x 21 3/4" x 3 7/8" (225mm x 553mm x 98mm)
Cut-Out Dims. (W x H):	7 1/2" x 20 1/2" (191mm x 521mm)
Shipping Weight:	19 lbs (8.6kg) each



PART# ..... 92496  
QUANTITY ..... EACH

### CINEMA SUR1

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Midrange:	Two 3" (76mm) carbon fiber/Rohacell laminated cones with rubber surrounds
Woofers:	Two 5 1/4" (133mm) carbon fiber/Rohacell laminated cones with rubber surrounds
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	8 7/8" x 21 3/4" x 3 7/8" (225mm x 553mm x 98mm)
Cut-Out Dims. (W x H):	7 1/2" x 20 1/2" (191mm x 521mm)
Shipping Weight:	19 lbs (8.6kg) each

## SONANCE CINEMA LCR1, LCR2, SUR1, SUR2 ACCESSORIES

	Part #	Page#	QTY
Cinema LCR1/SUR1 grille	92690	113	each
Cinema LCR2/SUR2 grille	92691	113	each
Cinema LCR1/SUR1 Flex bracket	92499	121	each
Cinema LCR2/SUR2 Flex bracket	92500	121	each

NOTE: No enclosures needed — Sonance Cinema speakers feature integrated, sealed backboxes.

## CINEMA SERIES IN-CEILING SPEAKERS

**CINEMA SERIES IN-CEILING SPEAKERS** Sonance Cinema® Series in-ceiling speakers deliver film soundtracks and music with reference clarity and realism, even in the largest home theater rooms. these all-new home theater speakers combine elegant, modern style with uncompromised in-ceiling home theater performance. The all new micro-trim grilles, 0.20" (5mm) of trim, give the Cinema Series a clean, sleek appearance that seamlessly integrates into any designed space. Music, special effects, and dialogue are reproduced perfectly without cluttering your home theater with imposing speaker boxes. Sonically matched to Cinema Series in-wall and cabinet speakers for installation flexibility.

### CINEMA SERIES IN-CEILING SPEAKERS

#### CINEMA LCR1S

##### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Midrange:	4" (100mm) carbon fiber/Rohacell lam. cone, rubber surrounds
Woofer:	Two 5¼" (133mm) carb. fiber/Rohacell lam. cone, rubber surrounds
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	13 <sup>25</sup> / <sub>32</sub> " x 13 <sup>25</sup> / <sub>32</sub> " x 7 <sup>9</sup> / <sub>16</sub> " (350mm x 350mm x 192mm)
Cut-Out Dims. (W x H):	12 <sup>3</sup> / <sub>8</sub> " x 12 <sup>3</sup> / <sub>8</sub> " (314mm x 314mm)
Shipping Weight:	15 lbs (7.0kg) each



PART#..... 92810  
QUANTITY ..... EACH

#### CINEMA SUR1S

##### SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Midrange:	Two 3" (76mm) carb. fiber/Rohacell lam. cones, rubber surrounds
Woofer:	Two 5¼" (133mm) carb. fiber/Rohacell lam. cones, rubber surrounds
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	13 <sup>25</sup> / <sub>32</sub> " x 13 <sup>25</sup> / <sub>32</sub> " x 7 <sup>9</sup> / <sub>16</sub> " (350mm x 350mm x 192mm)
Cut-Out Dims. (W x H):	12 <sup>3</sup> / <sub>8</sub> " x 12 <sup>3</sup> / <sub>8</sub> " (314mm x 314mm)
Shipping Weight:	15 lbs (7.0kg) each



PART#..... 92811  
QUANTITY ..... EACH

#### CINEMA LCR.5S

##### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Midrange:	4" (100mm) polypropylene cone with rubber surround
Woofer:	Two 5¼" (133mm) polypropylene cones, rubber surrounds
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	13 <sup>25</sup> / <sub>32</sub> " x 13 <sup>25</sup> / <sub>32</sub> " x 7 <sup>9</sup> / <sub>16</sub> " (350mm x 350mm x 192mm)
Cut-Out Dims. (W x H):	12 <sup>3</sup> / <sub>8</sub> " x 12 <sup>3</sup> / <sub>8</sub> " (314mm x 314mm)
Shipping Weight:	13 lbs (6.0kg) each



PART#..... 92809  
QUANTITY ..... EACH

#### CINEMA SUR.5S

##### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Midrange:	Two 3" (76mm) polypropylene cones with rubber surrounds
Woofer:	Two 5¼" (133mm) polypropylene cones with rubber surrounds
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated steel
Dimensions (W x H x D):	13 <sup>25</sup> / <sub>32</sub> " x 13 <sup>25</sup> / <sub>32</sub> " x 7 <sup>9</sup> / <sub>16</sub> " (350mm x 350mm x 192mm)
Cut-Out Dims. (W x H):	12 <sup>3</sup> / <sub>8</sub> " x 12 <sup>3</sup> / <sub>8</sub> " (314mm x 314mm)
Shipping Weight:	13 lbs (6.0kg) each



PART#..... 92893  
QUANTITY ..... EACH

## SONANCE CINEMA IN-CEILING SPEAKER ACCESSORIES

	Part #	Page#	QTY
Cinema LCR1S/SUR1S/LCR.5S/SUR.5S ceiling square grille	92882	114	each
Cinema ceiling Flex bracket	92800	121	each
NOTE: No enclosures needed — Sonance Cinema speakers feature integrated, sealed backboxes.			

## CINEMA SERIES CABINET SPEAKERS

**CINEMA SERIES CABINET SPEAKERS** Sonance Cinema® Series Cabinet speakers deliver film soundtracks and music with reference clarity and realism, even in the largest home theater rooms. these all-new home theater speakers combine elegant, modern style with uncompromised home theater performance. Music, special effects, and dialogue are reproduced perfectly without cluttering your home theater with imposing speaker boxes. The new Cinema Cabinet LCR is designed to provide outstanding performance in a home theater system. The advanced custom-designed drivers, crossover and full MDF enclosure combine to reproduce wide dynamic range film soundtracks and music with startling clarity and realism. Sonically matched to both Cinema in-wall and in-ceiling speakers, the Cinema cabinets provide install flexibility when needed.

### CINEMA SERIES CABINET SPEAKER



PART#..... 92829  
QUANTITY ..... EACH

#### CINEMA CABINET LCR1

##### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Midrange:	4" (100mm) carbon fiber/Rohacell laminated cone with a rubber surround
Woofer:	Two 5¼" (133mm) carbon fiber/Rohacell laminated cones with rubber surrounds
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Black cloth
Dimensions (W x H x D):	6" x 22" x 9½" (153mm x 559mm x 230mm)
Shipping Weight:	25 lbs (11.4kg) each

## SONANCE CABINET SPEAKER ACCESSORIES

	Part #	Page#	QTY
Cinema Cabinet LCR1 grille	92883	114	each

## CINEMA SERIES SUBWOOFERS

**CINEMA SERIES SUBWOOFERS** New Cinema Series In-Wall Subwoofer line offers true home theater performance in a package that will fit in normal 2' x 4' stud walls. Available in 12" woofer / 500 watt and 10" woofer / 250 watt models. The Cinema In-Wall Subwoofer systems are sold in three pieces for easy installation stage ordering; in-wall enclosure, woofer driver/grille and separate amplifier.

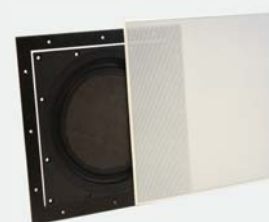
### CINEMA SERIES IN-WALL SUBWOOFERS

Sonance Cinema Series In-Wall Subwoofers feature an innovative low-profile driver with an ultra low distortion motor and 4" diameter voice coil. Dual central mount spiders are used to maximize the movement of the laminated carbon fiber honeycomb woofer cone. Features Visual Performance micro-trim grille. The new In-Wall Subwoofers are a perfect complement to Cinema Series In-Wall, In-Ceiling and Cabinet theater installations.

#### CINEMA SUB12-500

##### SPECIFICATIONS

Woofer	12" (305mm) laminated carbon fiber cone, rubber surround
Frequency Response	25Hz - 250Hz $\pm 3$ dB
Impedance	8 ohms nominal
Sensitivity	90dB (2.83V/1) meter
Grille	Perforated steel
Requirement	Requires Cinema SUB12-500 acoustic enclosure and Cinema SUB12-500D amplifier, each sold separately.
Dimensions Woofer (WxHxD)	12 <sup>3</sup> / <sub>8</sub> " x 12 <sup>3</sup> / <sub>8</sub> " x 3 <sup>5</sup> / <sub>32</sub> " (314mm x 314mm x 80.2mm)
Dimensions Grille (WxHxD)	15" x 15" x <sup>5</sup> / <sub>32</sub> " (381mm x 381mm x 4mm)



PART# ..... 92873  
QUANTITY ..... EACH

#### CINEMA SUB10-250

##### SPECIFICATIONS

Woofer:	10" (254mm) laminated carbon fiber cone with a rubber surround
Frequency Response:	30Hz - 250Hz $\pm 3$ dB
Impedance:	8 ohms nominal
Sensitivity:	88dB (2.83V/1) meter
Grille:	Perforated steel
Requirement:	Requires Cinema SUB10-250 acoustic enclosure, sold separately. Requires Cinema SUB10-250D amplifier, sold separately.
Dimensions Woofer (WxHxD):	10 <sup>7</sup> / <sub>16</sub> " x 10 <sup>7</sup> / <sub>16</sub> " x 3 <sup>5</sup> / <sub>32</sub> " (265mm x 265mm x 80.2mm)
Dimensions Grille (WxHxD):	13 <sup>1</sup> / <sub>16</sub> " x 13 <sup>1</sup> / <sub>16</sub> " x <sup>5</sup> / <sub>32</sub> " (332mm x 332mm x 4mm)



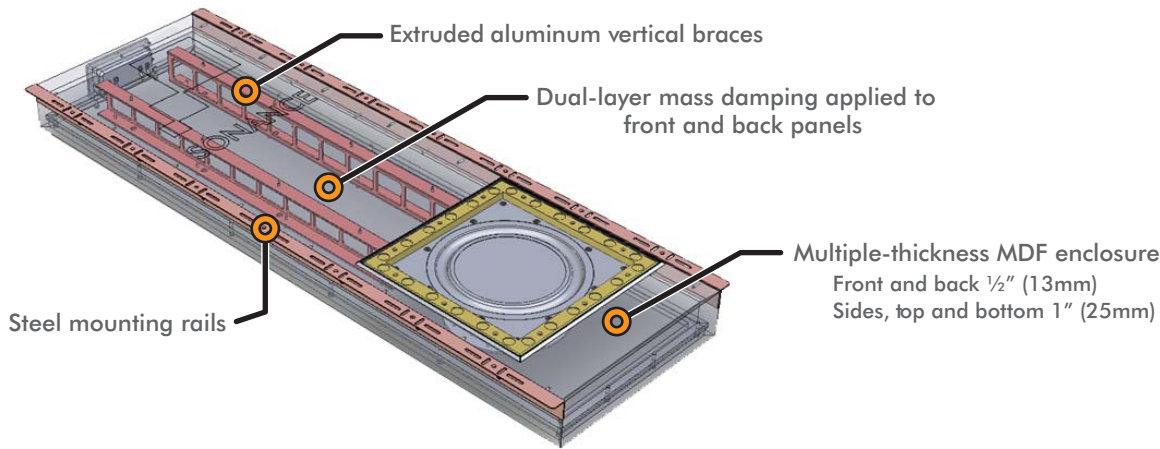
PART# ..... 92872  
QUANTITY ..... EACH

### SONANCE CINEMA SERIES IN-WALL SUBWOOFER ACCESSORIES

	Part #	Page#	QTY
Grille for in-wall 12-500 subwoofer	92895	113	each
Grille for in-wall 10-250 subwoofer	92894	113	each

CINEMA SERIES IN-WALL SUBWOOFER ENCLOSURES

CINEMA SERIES IN-WALL SUBWOOFER ENCLOSURES feature a combination of 1/2" and 1" MDF materials for superior isolation of bass; extruded aluminum bracing for minimal obstruction of airflow inside the enclosure; mass damping of front and back walls of enclosure; long-strand fiberglass internal damping for standing wave dissipation; dual positive and negative terminals for maximum wire durability; floating enclosure design minimizes vibration transfer to adjoining rooms; fits in standard 2x4 stud bay; blank pre-construction plate for easy installation.



CINEMA SERIES IN-WALL SUBWOOFER ENCLOSURES



PART#..... 92875  
QUANTITY ..... EACH

SONANCE CINEMA SUB12-500 ENCLOSURE

SPECIFICATIONS	
Internal Volume	1.20 cubic feet (34.3 liters) of volume
Material	MDF wood box with long strand fiberglass acoustic dampening material
Compatibility	Fits the Sonance Cinema SUB12-500 only
Enclosure Dimensions (WxHxD)	14 1/4" x 70 7/8" x 3 7/16" (362mm x 1800mm x 87mm)
Mounting Depth	3 3/8" (85.7mm)
Mounting Bracket Width	16 1/4" (409.5mm)
Hardware	Integrated L-bracket mounting system included



PART#..... 92874  
QUANTITY ..... EACH

SONANCE CINEMA SUB10-250 ENCLOSURE

SPECIFICATIONS	
Internal Volume	.80 cubic feet (22.6 liters) of volume
Material	MDF wood box with long strand fiberglass acoustic dampening material
Compatibility	Fits the Sonance Cinema SUB10-250 only
Enclosure Dimensions (WxHxD)	14 1/4" x 47 1/4" x 3 7/16" (362mm x 1200mm x 87mm)
Mounting Depth	3 3/8" (85.7mm)
Mounting Bracket Width	16 1/4" (409.5mm)
Hardware	Integrated L-bracket mounting system included



## SONANCE CINEMA IN-WALL SUB12-500D AMPLIFIER

## SPECIFICATIONS

Output Power RMS:	400 Watts @ 8 ohms (1% THD, 26hz) 660 Watts @ 4 ohms (1% THD, 26hz)
Output Power Peak:	446 Watts @ 8 ohms (4% THD, 26hz) 776 Watts @ 4 ohms (6% THD, 26hz)
AC Fuse:	120v Model - 12 amp (T12A ~ 250V) 230v Model - 8 amp (T8A ~ 250V)
AC Power Consumption:	985w @ 4 ohms (sine wave, full power) 564w @ 4 ohms (music, full power) 45w idle (no signal)
Heat Output:	183 BTU/HR @ 8 ohms (music, full power) 285 BTU/HR @ 4 ohms (music, full power)
Signal-to-Noise Ratio:	-95dB (w/22kHz A-wtg. filter)
Line Input Impedance:	600 ohms
Line Output Impedance:	600 ohms
Auto-On Trigger Sensitivity:	7.0mV LFE Line Input 3.5mV Stereo Line Input
Low-Pass Crossover Freq	(BYPASS Switch OFF): 50Hz ~ 150Hz (variable), 12dB/octave
Low-Pass Crossover Freq	(BYPASS Switch ON): 250Hz (fixed), 12dB/octave
Hi Level Out Hi-Pass Filter:	-3dB @ 150Hz, 6dB/octave
Line Level Out Hi-Pass Filter:	-3dB @ 150Hz, 6dB/octave
Controls:	Variable crossover freq and output level, phase switch, bypass switch
Dimensions (W x H x D):	16 <sup>3</sup> / <sub>4</sub> " x 3 <sup>7</sup> / <sub>8</sub> " x 13 <sup>1</sup> / <sub>2</sub> " (425mm x 98mm x 343mm)
RMF Dimensions (W x H x D):	19" x 3 <sup>7</sup> / <sub>8</sub> " x 13 <sup>1</sup> / <sub>2</sub> " (483mm x 98mm x 343mm)
Rack Space Requirement:	2U
Certifications:	ETL, CE, C-Tick, FCC
Shipping Weight:	19 lbs (8.6kg) each



PART# (120V)..... 92877  
 PART# (230V)..... 92879  
 QUANTITY ..... EACH

## SONANCE CINEMA IN-WALL SUB10-250D AMPLIFIER

## SPECIFICATIONS

Output Power RMS:	230 Watts @ 8 ohms (1% THD, 32hz) 370 Watts @ 4 ohms (1% THD, 32hz)
Output Power Peak:	260 Watts @ 8 ohms (7% THD, 32hz) 470 Watts @ 4 ohms (8% THD, 32hz)
AC Fuse:	120v Model - 8 amp (T8A ~ 250V) 230v Model - 6.3 amp (T6.3A ~ 250V)
AC Power Consumption:	588w @ 4 ohms (sine wave, full power) 396w @ 4 ohms (music, full power) 22w idle (no signal)
Heat Output:	102 BTU/HR @ 8 ohms (music, full power) 183 BTU/HR @ 4 ohms (music, full power)
Signal-to-Noise Ratio:	-95dB (w/22kHz A-wtg. Filter)
Line Input Impedance:	600 ohms
Line Output Impedance:	600 ohms
Auto-On Trigger Sensitivity:	7.0mV LFE Line Input 3.5mV Stereo Line Input
Low-Pass Crossover Freq	(BYPASS Switch OFF): 50Hz ~ 150Hz (variable), 12dB/octave
Low-Pass Crossover Freq	(BYPASS Switch ON): 250Hz (fixed), 12dB/octave
Hi Level Out Hi-Pass Filter:	-3dB @ 150Hz, 6dB/octave
Line Level Out Hi-Pass Filter:	-3dB @ 150Hz, 6dB/octave
Controls:	Variable crossover freq and output level, Phase switch, Bypass switch
Dimensions (W x H x D):	16 <sup>3</sup> / <sub>4</sub> " x 3 <sup>7</sup> / <sub>8</sub> " x 13 <sup>1</sup> / <sub>2</sub> " (425mm x 98mm x 343mm)
RMF Dimensions (W x H x D):	19" x 3 <sup>7</sup> / <sub>8</sub> " x 13 <sup>1</sup> / <sub>2</sub> " (483mm x 98mm x 343mm)
Rack Space Requirement:	2U
Certifications:	ETL, CE, C-Tick, FCC
Shipping Weight:	19 lbs (8.6kg) each



PART# (120V)..... 92876  
 PART# (230V)..... 92878  
 QUANTITY ..... EACH

CINEMA SERIES IN-WALL SUBWOOFER SYSTEM PACKAGES



CINEMA SUB12-500  
IN-WALL SYSTEM  
PART# (120V)..... 92896  
QUANTITY ..... EACH

PART# (230V)..... 92899  
QUANTITY ..... EACH

CINEMA SUB10-250  
IN-WALL SYSTEM  
PART# (120V)..... 92897  
QUANTITY ..... EACH

PART# (230V)..... 92898  
QUANTITY ..... EACH

CINEMA SERIES IN-WALL SUBWOOFER SYSTEM PACKAGES

Complete in-wall subwoofer systems. Includes two in-wall woofers, two in-wall enclosures, and one amplifier capable of driving both woofers. Available for both 12-500 and 10-250 systems in 120V or 230V. Specifications are listed under the individual system components on previous pages..

## CINEMA SERIES SUBWOOFERS

**CINEMA SERIES SUBWOOFERS** deliver film soundtracks and music with reference clarity and realism, evedeliver powerful, low-distortion bass in any room. Anodized aluminum woofer cones combine with heavily-braced sealed enclosures to deliver room-shaking bass.

### CINEMA SERIES CABINET SUBWOOFERS

#### SUB12-250 CABINET SUBWOOFER

##### SPECIFICATIONS

Woofer:	12" (305mm) anodized aluminum cone with a rubber surround
Frequency Response:	22Hz - 250Hz $\pm 3$ dB
Amplifier Power:	250 watts
Inputs:	Line-level and speaker-level
Outputs:	High-pass filtered line-level and speaker-level
Grille:	Black cloth
Cabinet Finish:	High-gloss black
Adjustments:	Front-accessible level, crossover, phase and bypass
Dimensions (W x H x D):	15" x 18" x 16" (381mm x 457mm x 406mm)
Shipping Weight:	70 lbs (31.5kg) each



PART# (120V)..... 92365  
PART# (230V)..... 92368  
QUANTITY ..... EACH

#### SUB10-150 CABINET SUBWOOFER

##### SPECIFICATIONS

Woofer:	10" (254mm) anodized aluminum cone with a rubber surround
Frequency Response:	28Hz - 250Hz $\pm 3$ dB
Amplifier:	150 watts
Inputs:	Line-level and speaker-level
Outputs:	High-pass filtered line-level and speaker-level
Grille:	Black cloth
Cabinet Finish:	High-gloss black
Adjustments:	Front-accessible level, crossover, phase and bypass
Dimensions (W x H x D):	14" x 16" x 14" (355mm x 406mm x 355mm)
Shipping Weight:	60 lbs (27kg) each



PART# (120V)..... 92364  
PART# (230V)..... 92367  
QUANTITY ..... EACH

#### SUB8-100 CABINET SUBWOOFER

##### SPECIFICATIONS

Woofer:	8" (203mm) anodized aluminum cone with a rubber surround
Frequency Response:	35Hz - 250Hz $\pm 3$ dB
Amplifier:	100 watts
Inputs:	Line-level and speaker-level
Outputs:	High-pass filtered line-level and speaker-level
Grille:	Black cloth
Cabinet Finish:	High-gloss black
Adjustments:	Front-accessible level, crossover, phase and bypass
Dimensions (W x H x D):	12" x 14" x 12" (305mm x 355mm x 305mm)
Shipping Weight:	40 lbs (18kg) each



PART# (120V)..... 92363  
PART# (230V)..... 92366  
QUANTITY ..... EACH

#### SONANCE CABINET SUBWOOFER ACCESSORIES

	Part #	Page#	QTY
SUB12-250 Cabinet Subwoofer grille	142662	116	each
SUB10-150 Cabinet Subwoofer grille	142661	117	each
SUB8-100 Cabinet Subwoofer grille	142660	117	each

## VISUAL PERFORMANCE SERIES MEDIUM HOME THEATER SPEAKERS



PART# ..... 92724  
QUANTITY ..... EACH

### VP67 LCR — SURROUND

#### SPECIFICATIONS

Tweeter: 1" (25mm) aluminum dome, ferrofluid-cooled  
Woofer: Two 6½" (165mm) coated carbon fiber cones with rubber surrounds, extended pole pieces  
Frequency Response: 43Hz – 20kHz ±3dB  
Impedance: 6 ohms nominal; 4 ohms minimum  
Power Handling: 5 watts minimum; 140 watts maximum  
Sensitivity: 90dB SPL (2.83V/1 meter)  
Adjustments: ±3dB tweeter level  
Grille: Perforated steel  
Grille Dims. (W x H x D): 16½" x 8¾" x 3⅞" (410mm x 213mm x 91mm)  
Cut-Out Dims. (W x H): 6⅞" x 14½" (175mm x 368mm)  
Shipping Weight: 8 lbs (3.6kg) each



PART# ..... 92867  
QUANTITY ..... PAIR

### VP85R SUR

#### SPECIFICATIONS

Tweeter: Two 1" (25mm) silk domes, ferrofluid-cooled  
Midrange: Two 3" (76mm) carbon fiber cones, rubber surrounds  
Woofer: 8" (203mm) carbon fiber cone, rubber surround, pivoting  
Frequency Response: 36Hz – 20kHz ±3dB  
Impedance: 6 ohms nominal; 4 ohms minimum  
Power Handling: 5 watts minimum; 150 watts maximum  
Sensitivity: 91dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Dimensions (Diam. x D): 11⅝" x 5⅞" (295mm x 149mm)  
Cut-Out Diameter: 10⅞" (257mm)  
Shipping Weight: 20 lbs (9.0kg) pair



PART# ..... 92732  
QUANTITY ..... PAIR

### VP65R SUR — SURROUND

#### SPECIFICATIONS

Tweeter: Two 1" (25mm) silk domes, ferrofluid-cooled, in acoustic back chamber  
Woofer: 6½" (165mm) carbon fiber cone with a rubber surround  
Frequency Response: 44Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 130 watts maximum  
Sensitivity: 90dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Dimensions (Dia. x D): 9¾" x 4¾" (248mm x 121mm)  
Cut-Out Diameter: 8¼" (210mm)  
Shipping Weight: 5 lbs (2.3kg) pair



PART# ..... 92733  
QUANTITY ..... PAIR

### VP65S SUR — SURROUND

#### SPECIFICATIONS

Tweeter: Two 1" (25mm) silk dome, ferrofluid-cooled, in acoustic back chamber  
Woofer: 6½" (165mm) carbon fiber cone, with a rubber surround, pivoting  
Frequency Response: 44Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 130 watts maximum  
Sensitivity: 90dB SPL (2.83V/1 meter)  
Grille: Perforated steel  
Dimensions (W x H x D): 9⅞" x 9⅞" x 4¾" (251mm x 251mm x 121mm)  
Cut-Out Dims. (W x H): 8¼" x 8¼" (210mm x 210mm)  
Shipping Weight: 10 lbs (4.5kg) pair

## VISUAL PERFORMANCE SERIES MEDIUM HOME THEATER SPEAKER ACCESSORIES

Please see pages 27, 29, 31, and 32 for a list of accessories for these speakers.

# ORIGINAL SERIES HOME THEATER SPEAKERS

**ORIGINAL SERIES ELLIPSE® SPEAKERS** provide tremendous performance and flexibility for in-ceiling home theater installations. Ellipse LCR speakers feature a pivoting Sonic Eye that allows the critical frequencies required for spatial localization to be directed toward the listening position, eliminating the perceived “out-of-sync” between picture and sound that occurs when using conventional in-ceiling speakers in home theater applications.

## ORIGINAL SERIES ELLIPSE IN-CEILING SPEAKERS

**ELLIPSE IN-CEILING THEATER** Sonance Ellipse speakers provide tremendous performance and flexibility for in-ceiling home theater installations. Ellipse LCR speakers feature a pivoting Sonic Eye that allows the critical frequencies required for spatial localization to be directed toward the listening position, eliminating the perceived “out-of-sync” between picture and sound that occurs when using conventional in-ceiling speakers in home theater applications.

**SPECIAL FEATURES** Innovative elliptical footprint • Midrange and tweeter Sonic Eye pivots up to 20 degrees in LCR model • Tweeter incorporates a lens for superior off-axis response • 6½" woofers reproduce bass down to below 50Hz, allowing for an extremely low crossover point from the ceiling speakers to the subwoofer • Graphite-Reinforced ABS (GRABS) woofer baskets • Dual midrange/tweeter array in Ellipse SUR creates a diffuse, enveloping soundfield

### ELLIPSE 1.0 LCR

#### SPECIFICATIONS

Tweeter:	½" (13mm) cloth dome, pivoting
Midrange:	4" (102mm) polypropylene cone, pivoting
Woofer:	6½" (165mm) black woven glass fiber cone with a rubber surround
Frequency Response:	50Hz – 20kHz ±3dB
Sensitivity:	89dB (2.83V/1 meter)
Power Handling:	5 watts minimum; 125 watts maximum
Impedance:	8 ohms nominal, 6 ohms minimum
Grille:	Perforated aluminum
Dimensions (W x H x D):	10½" x 15½" x 5 7/8" (267mm x 394mm x 149mm)
Cut-Out Dims. (W x H):	9" x 13 7/8" (229mm x 353mm) elliptical
Shipping Weight:	8 lbs (3.6kg) each



PART# ..... 91902  
QUANTITY ..... EACH

### ELLIPSE SUR

#### SPECIFICATIONS

Tweeter:	Two ½" (13mm) cloth domes
Midrange:	Two 3" (76mm) black woven glass fiber cones with rubber surrounds
Woofer:	6½" (165mm) black woven glass fiber cone with a rubber surround
Frequency Response:	50Hz – 20kHz ±3dB
Sensitivity:	90dB (2.83V/1 meter)
Power Handling:	5 watts minimum; 125 watts maximum
Impedance:	8 ohms nominal, 6 ohms minimum
Grille:	Perforated aluminum
Dimensions (W x H x D):	10½" x 15½" x 4½" (267mm x 394mm x 114mm)
Cut-Out Dims. (W x H):	9" x 13 7/8" (229mm x 353mm) elliptical
Shipping Weight:	16 lbs (7.3kg) pair



PART# ..... 91961  
QUANTITY ..... PAIR

## SONANCE ELLIPSE ACCESSORIES

	Part #	Page#	QTY
Ellipse LCR grille	92009	115	each
Ellipse SUR grille	92010	115	1 pair
Ellipse wood acoustic enclosure	91921	126	each
Ellipse Flex bracket	91922	122	each
Ellipse coverplate	91974	118	each



## CINEMA SELECT SPEAKERS

**THX ACCURACY FOR SMALLER SPACES** Sonance Cinema Select speakers deliver THX-certified cinema performance that is ideal for smaller home theater rooms (up to 2,000 cubic feet, with seating 10 – 12 feet from the screen). In addition to faithfully reproducing multi-channel film soundtracks as their creators intended them to sound, Cinema Select speakers perform just as impressively when playing music. Paintable aluminum grilles and a small footprint let them practically disappear into the décor.

### CINEMA SELECT SPEAKERS

**SPECIAL FEATURES** Voiced for a precise tonal match with their corresponding in-wall versions • Exclusive ½" MDF / ½" particle board laminate cabinet material offers superior stiffness and resonance damping • 1" MDF baffle and rear

panels • THX-certified models have a woofer boundary compensation switch for smoother response when mounted on TVs or in furniture



PART# ..... 92332  
QUANTITY ..... EACH

#### CINEMA SELECT LCR

##### SPECIFICATIONS

Tweeter: 1" (25mm) silk dome, ferrofluid-cooled, shielded magnet  
Woofer: 6½" (165mm) carbon fiber cone, rubber surround, shielded magnet  
Frequency Response: 80Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 5 ohms minimum  
Power Handling: 5 watts minimum; 135 watts maximum  
Sensitivity: 90dB SPL (2.83V/1 meter)  
Grille: Perforated aluminum  
Dimensions (W x H x D): 8¼" x 12¾" x 3¾" (210mm x 310mm x 86mm)  
Cut-Out Dims. (W x H): 6½" x 10¾" (176mm x 273mm)  
Shipping Weight: 5 lbs (2.3kg) each



PART# ..... 92333  
QUANTITY ..... PAIR

#### CINEMA SELECT SUR

##### SPECIFICATIONS

Tweeter: Two 1" (25mm) silk domes, ferrofluid-cooled  
Woofer: 6½" (165mm) carbon fiber cone, rubber surround  
Frequency Response: 55Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 5 ohms minimum  
Power Handling: 5 watts minimum; 135 watts maximum  
Sensitivity: 90dB SPL (2.83V/1 meter)  
Grille: Perforated aluminum  
Dimensions (W x H x D): 8¼" x 12¾" x 3¾" (210mm x 310mm x 86mm)  
Cut-Out Dims. (W x H): 6½" x 10¾" (176mm x 273mm)  
Shipping Weight: 10 lbs (4.5kg) pair



PART# ..... 92119  
QUANTITY ..... EACH

#### CINEMA SELECT LCR CABINET SPEAKER

##### SPECIFICATIONS

Tweeter: 1" (25mm) silk dome, ferrofluid-cooled, shielded magnet  
Woofer: 6½" (165mm) carbon fiber cone with a rubber surround, shielded magnet  
Frequency Response: 80Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 5 ohms minimum  
Power Handling: 5 watts minimum; 135 watts maximum  
Sensitivity: 90dB SPL (2.83V/1 meter)  
Cabinet Material: 1" MDF (baffle and rear panel); ½" MDF / ½" particle board laminate (top, bottom, and sides)  
Grille/Cabinet finish: Black cloth/Black  
Adjustments: ±3dB tweeter level, boundary compensation  
Dimensions (W x H x D): 7½" x 11" x 11½" (191mm x 279mm x 292mm)  
Shipping Weight: 18 lbs (8.2kg) each



### SONANCE CINEMA SELECT ACCESSORIES

	Part #	Page#	QTY
Cinema Select metal grille	92100	110	1 pair
Medium rectangle Flex bracket	92336	119	5 pair
Medium rectangle wood acoustic enclosure	91687	124	each
Medium rectangle staple template	900651	120	5 pair
Medium rectangle coverplate	92334	118	1 pair
Fire-rated (listed) shallow backcan	92807	128	each

## ORIGINAL SERIES HOME THEATER SPEAKERS

### 623 LCR

#### SPECIFICATIONS

Tweeter:	1" (25mm) silk dome, ferrofluid-cooled
Woofer:	Two 6½" (165mm) carbon fiber cones with rubber surrounds
Frequency Response:	43Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 135 watts maximum
Sensitivity:	92dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Adjustments:	±3dB tweeter level
Dimensions (W x H x D):	16" x 8¼" x 3½" (407mm x 210mm x 89mm)
Cut-Out Dims. (W x H):	6⅞" x 14½" (175mm x 368mm)
Shipping Weight:	8 lbs (3.6kg) each



PART#..... 92473  
QUANTITY ..... EACH

### 623R SUR

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) silk domes, ferrofluid-cooled
Woofer:	6½" (165mm) carbon fiber cone with a rubber surround
Frequency Response:	55 Hz – 20 kHz ±3dB
Sensitivity:	90dB SPL (2.83V/1 meter)
Power Handling:	5 watts min; 150 watts max
Impedance:	8 ohms nominal; 7 ohms minimum
Grille:	Perforated aluminum
Dimensions (Dia. x D):	9¾" x 5⅜" (248mm x 132mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	11 lbs (5.0kg) pair



PART#..... 92328  
QUANTITY ..... PAIR

### ORIGINAL SERIES 623 LCR CABINET SPEAKER\*

#### SPECIFICATIONS

Tweeter:	1" (25mm) aluminum dome, magnetically- shielded
Woofer:	Two 6½" (165mm) black glass composite cones with rubber surrounds, magnetically-shielded
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4.5 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille Material:	Black cloth
Finish:	Black
Dimensions (W x H x D):	22¾" x 7½" x 11⅜" (578mm x 191mm x 289mm)
Shipping Weight:	25 lbs (11.3kg) each

\*While supplies last



PART#..... 91639  
QUANTITY ..... EACH

### SONANCE CABINET SPEAKER ACCESSORIES

	Part #	Page#	QTY
Cinema Select LCR/Symphony S622c Cabinet Speaker grille	701114	116	each

# ACCESSORY MATRIX FOR CINEMA SERIES SPEAKERS

## CINEMA SERIES IN-WALL SPEAKERS

SPEAKER	METAL GRILLE PART#	PAGE#	CLOTH GRILLE	FLEX BRACKET
LCR1 / SUR1	92690	113	--	92499 121
LCR2 / SUR2	92691	113	--	92500 121

## CINEMA SERIES IN-CEILING SPEAKERS

SPEAKER	METAL GRILLE PART#	PAGE#	CLOTH GRILLE	FLEX BRACKET
LCR1S/.5S/SUR1S/.5S	92882	114	--	92800 121

## CINEMA SERIES IN-WALL WOOFERS

SPEAKER	GRILLE PART#	PAGE#	ENCLOSURE	AMPLIFIER
CINEMA SUB12-500	92895	113	92875 126	92877 81
CINEMA SUB10-250	92894	113	92874 80	92876 81

## CABINET SUBWOOFERS

SPEAKER	METAL GRILLE PART#	PAGE#	CLOTH GRILLE
SUB12-250	--		142662 116
SUB10-150	--		142661 117
SUB8-100	--		142660 117

## ELLIPSE SERIES SPEAKERS

SPEAKER	METAL GRILLE PART#	PAGE#	CLOTH GRILLE	FLEX BRACKET	STAPLE TEMPLATE
ELLIPSE 1.0 LCR	92009	115	--	91922 122	--
ELLIPSE SUR	92010	115	--	91922 122	--

## CINEMA SELECT SPEAKERS

SPEAKER	METAL GRILLE PART#	PAGE#	CLOTH GRILLE	FLEX BRACKET	STAPLE TEMPLATE
CINEMA SELECT LCR	92100	110	--	92336 119	900651 120
CINEMA SELECT SUR	92100	110	--	92336 119	900651 120

## CABINET SPEAKERS

SPEAKER	METAL GRILLE PART#	PAGE#	CLOTH GRILLE	FLEX BRACKET	STAPLE TEMPLATE
CINEMA LCR1	--		92883 114	--	--
CINEMA SELECT LCR	--		701114 116	--	--
SYMPHONY 623 LCR	--		700493 116	--	--

WOOD ACOUSTIC ENCLOSURE	FIRE-RATED BACKCAN	COVERPLATE	MASONRY BRACKET	VAPOR BARRIER
91921 126	--	91974 118	--	--
91921 126	--	91974 118	--	--
WOOD ACOUSTIC ENCLOSURE	FIRE-RATED BACKCAN	COVERPLATE	MASONRY BRACKET	VAPOR BARRIER
91687 124	92807 128	92334 118	92066 120	--
91687 124	92807 128	92334 118	92066 120	--
WOOD ACOUSTIC ENCLOSURE	FIRE-RATED BACKCAN	COVERPLATE	MASONRY BRACKET	VAPOR BARRIER
--	--	--	--	--
--	--	--	--	--
--	--	--	--	--

# OUTDOOR SERIES

Sonance Outdoor Series offers the ideal product portfolio to fulfill the rapidly growing demand for outdoor entertainment in high-end residences. With designs and materials tailored to meet the rigorous demands of open-air applications, Outdoor Series brings the superior look and sound of Sonance to the great outdoors. Under the eaves, around the barbeque, by the pool, and in the garden, Sonance Outdoor Series has the right solution for every element of your outdoor audio installation.





## SONANCE EXTREME SERIES SPEAKERS

**SONANCE EXTREME SERIES** From the dry heat of a sauna, to the humidity of a shower stall, Sonance Extreme Series speakers know no placement boundaries. They're right for highly humid areas and are built to survive extreme temperatures while maintaining superior sound quality. Extreme Series speakers are also shock-resistant and can withstand the pelting of the high seas and salty air, making them an excellent choice for marine applications. Sonance Extreme Series speakers are available in both Visual Performance Series and Original Series.

### VISUAL PERFORMANCE SERIES EXTREME SPEAKERS

**SPECIAL FEATURES** One-piece, nearly trimless, low-profile powder-coated stainless steel magnetic grille • Simplified one-step grille painting process • Small footprint increases installation options • Polyurethane tweeters, injection-molded polypropylene/graphite woofers and stainless steel grilles ensure that the speakers remain rust-free • All exposed plastic parts are

made of durable, high-temperature materials • Baffle O-ring gasket and neoprene frame gasket make these speakers watertight and enhance the moisture barrier • Superior sound quality for high-humidity areas • Built to withstand temperature extremes from -30°F to +175°F (-34.4° C to +79.4° C)

#### VP65 XT — EXTREME

##### SPECIFICATIONS

Tweeter: 1" (25mm) polyurethane dome  
 Woofer: 6½" (165mm) injection-molded polypropylene/graphite, with integral Santoprene surround  
 Frequency Response: 55Hz – 20kHz ±3dB  
 Impedance: 8 ohms nominal; 6 ohms minimum  
 Power Handling: 5 watts minimum; 130 watts maximum  
 Sensitivity: 89dB SPL (2.83V/1 meter)  
 Grille: Powder-coated stainless steel  
 Dimensions (W x H x D): 8¼" x 12¾" x 2½" (210mm x 310mm x 64mm)  
 Cut-Out Dims. (W x H): 6½" x 10¾" (176mm x 273mm)  
 Shipping Weight: 12 lbs (5.4kg) pair



PART# ..... 92751  
 QUANTITY ..... PAIR

#### VP65R XT — EXTREME

##### SPECIFICATIONS

Tweeter: 1" (25mm) polyurethane dome  
 Woofer: 6½" (165mm) injection-molded polypropylene/graphite cone, with integral Santoprene surround  
 Frequency Response: 55Hz – 20kHz ±3dB  
 Impedance: 8 ohms nominal; 6 ohms minimum  
 Power Handling: 5 watts minimum; 130 watts maximum  
 Sensitivity: 89dB SPL (2.83V/1 meter)  
 Grille: Powder-coated stainless steel  
 Dimensions (Dia. x D): 9¾" x 4" (248mm x 102mm)  
 Cut-Out Diameter: 8¼" (210mm)  
 Shipping Weight: 12 lbs (5.4kg) pair



PART# ..... 92752  
 QUANTITY ..... PAIR

#### VP65S XT — EXTREME

##### SPECIFICATIONS

Tweeter: 1" (25mm) polyurethane dome  
 Woofer: 6½" (165mm) injection-molded polypropylene/graphite cone, with integral Santoprene surround  
 Frequency Response: 55Hz – 20kHz ±3dB  
 Impedance: 8 ohms nominal; 6 ohms minimum  
 Power Handling: 5 watts minimum; 130 watts maximum  
 Sensitivity: 89dB SPL (2.83V/1 meter)  
 Grille: Powder-coated stainless steel  
 Dimensions (W x H x D): 9⅞" x 9⅞" x 3½" (251mm x 251mm x 89mm)  
 Cut-Out Dims. (W x H): 8¼" x 8¼" (210mm x 210mm)  
 Shipping Weight: 12 lbs (5.4kg) pair



PART# ..... 92835  
 QUANTITY ..... PAIR

## VISUAL PERFORMANCE SERIES EXTREME SPEAKERS



PART#..... 92753  
QUANTITY ..... EACH

### VP65R SST XT — SINGLE STEREO TECHNOLOGY EXTREME

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) polyurethane domes
Woofer:	6½" (165mm) injection-molded polypropylene/graphite cone, with integral Santoprene surround
Frequency Response:	55Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 600 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Powder-coated stainless steel
Dimensions (Dia. x D):	9¾" x 5⅜" (248mm x 132mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	4.5 lbs (2.1kg) each

## ORIGINAL SERIES EXTREME SPEAKERS

**SPECIAL FEATURES** Polyurethane tweeters, aluminum woofers and stainless steel grilles ensure that the speakers remain rust-free • All exposed plastic parts are made of durable, high-temperature materials • Baffle O-ring gasket and neoprene

frame gasket make these speakers watertight and enhance the moisture barrier • Superior sound quality for high-humidity areas • Built to withstand temperature extremes from –30°F to +175°F (–34.4° C to +79.4° C)

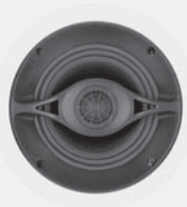


PART#..... 91636  
QUANTITY ..... PAIR

### EXTREME XT

#### SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome
Woofer:	6½" (165mm) one-piece black anodized aluminum cone with a Santoprene surround
Frequency Response:	55Hz – 20kHz ±3dB
Impedance:	8 ohms nominal, 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Powder-coated stainless steel
Dimensions (W x H x D):	8¼" x 12 ⅜" x 2½" (210mm x 310mm x 63.5mm)
Cut-Out Dims. (W x H):	6⅝" x 10¾" (176mm x 273mm)
Shipping Weight:	9 lbs (4.1kg) pair

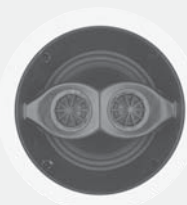


PART#..... 91637  
QUANTITY ..... PAIR

### EXTREME XTR

#### SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome
Woofer:	6½" (165mm) one-piece black anodized aluminum cone with a Santoprene surround
Frequency Response:	55Hz – 20kHz ±3dB
Impedance:	8 ohms nominal, 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Powder-coated stainless steel
Dimensions (Dia x D):	9¾" x 4" (248mm x 102mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	9 lbs (4.1kg) pair



PART#..... 91638  
QUANTITY ..... EACH

### EXTREME XSSTR - SINGLE STEREO TECHNOLOGY

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) polyurethane domes
Woofer:	6½" (165mm) dual voice coil, one piece black anodized aluminum cone with a Santoprene surround
Frequency Response:	55Hz – 20kHz ±3dB
Impedance:	8 ohms nominal, 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Grille:	Powder-coated stainless steel
Dimensions (Dia x D):	9¾" x 5⅜" (248mm x 132mm)
Cut-Out Diameter:	8¼" (210mm)
Shipping Weight:	4½ lbs (2.1kg) each

## SONANCE VISUAL PERFORMANCE EXTREME AND ORIGINAL SERIES EXTREME ACCESSORIES

	Part #	Page#	QTY
Visual Performance Extreme rectangle grille	92812	110	each
Visual Performance Extreme square grille	92814	110	each
Visual Performance Extreme round grille	92813	110	each
Original Series Extreme XT rectangle grille	92212	111	1 pair
Original Series Extreme XTR/XSSTR grille	92213	111	1 pair
Medium rectangle wood acoustic enclosure	91687	124	each
Medium round wood acoustic enclosure	91688	125	each
Fire-rated (listed) shallow backcan	92807	128	each
Fire-rated (listed) deep backcan	92808	128	each
Vapor barrier	91703	129	12 pair

Note: See the Accessory Matrix on page 98 for a complete listing of accessories and compatibility information.

## SONANCE MARINER SERIES

**MARINER INDOOR/OUTDOOR SPEAKERS** Sonance Mariner® outdoor speakers bring together high musical performance and more installation options than ever before. Featuring our exclusive FastMount bracket system and Protected Access Connection Terminal (PACT) connector termination system that increases moisture resistance, the eight models in the Mariner Series feature tough, paintable, sealed polypropylene enclosures and perforated aluminum grilles that enhance their weather resistance. For installations in areas with severe weather, Mariner Extreme kits featuring a stainless steel grille and FastMount bracket are available.

### SONANCE MARINER SERIES SPEAKERS

**SPECIAL FEATURES** Family of eight different models meets any outdoor entertainment need • FastMount bracket system is fabricated from weather resistant aluminum • Speakers pivot up to 180° on the bracket while remaining less than 1" from the mounting surface • Click-stops permit precise, repeatable speaker angle positioning • Speakers can be mounted horizontally

across a corner or on poles • Push-and-lock speaker installation eliminates clumsy threaded knobs • Included bracket base assembly allows speaker to pivot in the direction parallel to the bracket • PACT system increases moisture resistance with a grommetted rear wire entry port and a covered front wire connector • All models are available in both black and white

#### MARINER 82

##### SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome
Woofers:	8" (203mm) one-piece black polypropylene cone with a rubber surround
Frequency Response:	45Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 125 watts maximum
Sensitivity:	91dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	9" x 14" x 9 1/4" (229mm x 356mm x 235mm)
Shipping Weight:	20 lbs (9.0kg) pair



PART# (WHITE)... 92154  
PART# (BLACK)... 92155  
QUANTITY ..... PAIR

The following Mariner speakers can be used with the Extreme Accessory Kit shown on page 94.

#### MARINER 63

##### SPECIFICATIONS

Tweeter:	1" (25mm) aluminum dome
Woofers:	6 1/2" (165mm) one-piece black carbon fiber cone with a rubber surround
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	6 ohms nominal; 4 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	7 1/2" x 12" x 7 1/8" (191mm x 305mm x 181mm)
Shipping Weight:	17 lbs (7.7kg) pair



PART# (WHITE)... 92150  
PART# (BLACK)... 92151  
QUANTITY ..... PAIR

## SONANCE MARINER SERIES SPEAKERS



PART# (WHITE)... 92148  
PART# (BLACK)... 92149  
QUANTITY ..... PAIR

### MARINER 62

#### SPECIFICATIONS

Tweeter: 1" (25mm) polyurethane dome  
Woofer: 6 1/2" (165mm) one-piece black polypropylene cone with a rubber surround  
Frequency Response: 55Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 80 watts maximum  
Sensitivity: 89dB SPL (2.83V/1 meter)  
Grille: Perforated aluminum  
Dimensions (W x H x D): 7 1/2" x 12" x 7 1/8" (191mm x 305mm x 181mm)  
Shipping Weight: 14 lbs (6.4kg) pair



PART# (WHITE)... 92146  
PART# (BLACK)... 92147  
QUANTITY ..... PAIR

### MARINER 61

#### SPECIFICATIONS

Tweeter: 3/4" (19mm) polyurethane dome  
Woofer: 6 1/2" (165mm) one-piece black polypropylene cone with a rubber surround  
Frequency Response: 55Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 80 watts maximum  
Sensitivity: 88dB SPL (2.83V/1 meter)  
Grille: Perforated aluminum  
Dimensions (W x H x D): 7 1/2" x 12" x 7 1/8" (191mm x 305mm x 181mm)  
Shipping Weight: 12.5 lbs (5.7kg) pair



PART# (WHITE)... 92152  
PART# (BLACK)... 92153  
QUANTITY ..... EACH

### MARINER 62 SS - SINGLE STEREO TECHNOLOGY

#### SPECIFICATIONS

Tweeter: Two 1" (25mm) polyurethane domes  
Woofer: 6 1/2" (165mm) one-piece black polypropylene cone with a rubber surround, dual voice coil  
Frequency Response: 55Hz – 20kHz ±3dB  
Impedance: 8 ohms nominal; 6 ohms minimum  
Power Handling: 5 watts minimum; 80 watts maximum  
Sensitivity: 89dB SPL (2.83V/1 meter)  
Grille: Perforated aluminum  
Dimensions (W x H x D): 7 1/2" x 12" x 7 1/8" (191mm x 305mm x 181mm)  
Shipping Weight: 7 lbs (3.2kg) each

## SONANCE MARINER 63, 62, 61, 62 SS ACCESSORIES

	Part #	Page#	QTY
Extreme kit* (white)	92185	122	each
Extreme kit* (black)	92186	122	each

\*Includes stainless steel grille and FastMount bracket for resistance to extreme weather

## SONANCE MARINER SERIES SPEAKERS

### MARINER 52

#### SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome
Woofer:	5 1/4" (133mm) one-piece black polypropylene cone with a rubber surround
Frequency Response:	65Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 70 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	6 1/2" x 10 1/4" x 6" (165mm x 260mm x 153mm)
Shipping Weight:	12 lbs (5.5kg) pair



PART# (WHITE)... 92142  
PART# (BLACK)... 92143  
QUANTITY ..... PAIR

### MARINER 51

#### SPECIFICATIONS

Tweeter:	3/4" (19mm) polyurethane dome
Woofer:	5 1/4" (133mm) one-piece black polypropylene cone with a rubber surround
Frequency Response:	70Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 60 watts maximum
Sensitivity:	87dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	6 1/2" x 10 1/4" x 6" (165mm x 260mm x 153mm)
Shipping Weight:	11 lbs (5.0kg) pair



PART# (WHITE)... 92140  
PART# (BLACK)... 92141  
QUANTITY ..... PAIR

### MARINER 52 SS - SINGLE STEREO TECHNOLOGY

#### SPECIFICATIONS

Tweeter:	Two 1" (25mm) polyurethane domes
Woofer:	5 1/4" (133mm) one-piece black polypropylene cone, with a rubber surround, dual voice coil
Frequency Response:	65Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 70 watts maximum
Sensitivity:	88dB SPL (2.83V/1 meter)
Grille:	Perforated aluminum
Dimensions (W x H x D):	6 1/2" x 10 1/4" x 6" (165mm x 260mm x 153mm)
Shipping Weight:	6 lbs (2.75 kg) each



PART# (WHITE)... 92144  
PART# (BLACK)... 92145  
QUANTITY ..... EACH

### MARINER SPEAKERS INSTALLED DIMENSIONS (WITHOUT BASE)

#### MARINER 82:

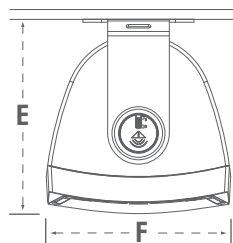
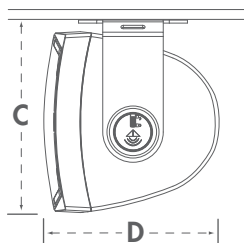
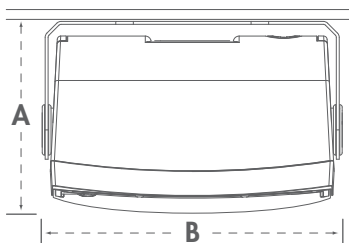
A:	10" (254mm)
B:	14 3/4" (375mm)
C:	11" (279mm)
D:	9 1/2" (241mm)
E:	10" (254mm)
F:	9" (229mm)

#### ALL MARINER 60-SERIES:

A:	9" (229mm)
B:	13" (330mm)
C:	8 3/4" (222mm)
D:	7 1/2" (191mm)
E:	9" (229mm)
F:	7 3/4" (197mm)

#### ALL MARINER 50-SERIES:

A:	6 3/4" (171mm)
B:	11" (279mm)
C:	7" (178mm)
D:	6" (152mm)
E:	6 3/4" (171mm)
F:	6 1/2" (165mm)



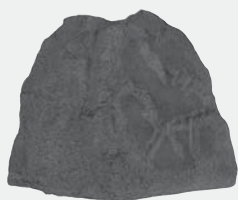
## SONANCE OUTDOOR SERIES ROCK SPEAKERS

**SONANCE OUTDOOR SERIES ROCK SPEAKERS** The RK83 and RK63 are weather resistant outdoor speakers for enthusiasts who want speakers that blend in with the environment. With their rock-like appearance, choice of finishes, and resistance to weather, Sonance Rock speakers are ideal for background listening in the garden, by the pool, in the yard, or on the patio.

### SONANCE ROCK SPEAKERS

**SPECIAL FEATURES** Durable construction • Built with UV, chip, and weather resistant materials to withstand demanding outdoor environments • Rock-like appearance and finish blends-in with outdoor environments • Clean, articulate sound • Higher performance than typical outdoor

speakers • Weather resistant woofer cones with Santoprene surrounds deliver warm bass • Internal wire connections help prevent moisture from damaging connections • Available in granite and brown



PART# (GRANITE) .. 92745  
PART# (BROWN) .... 92746  
QUANTITY ..... PAIR

#### RK83

##### SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome, ferrofluid-cooled
Woofer:	8" (203mm) polypropylene cone with a Santoprene surround
Frequency Response:	40Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB (2.83V/1 meter)
Available Finishes:	Granite and brown
Dimensions (W x H x D):	17¼" x 12½" x 14" (438mm x 318mm x 356mm)
Shipping Weight:	35 lbs (15.8kg) pair



PART# (GRANITE)... 92743  
PART# (BROWN) ..... 92744  
QUANTITY ..... PAIR

#### RK63

##### SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome, ferrofluid-cooled
Woofer:	6½" (165mm) polypropylene cone with a Santoprene surround
Frequency Response:	50Hz – 20kHz ±3dB
Impedance:	8 ohms nominal; 6 ohms minimum
Power Handling:	5 watts minimum; 100 watts maximum
Sensitivity:	89dB SPL (2.83V/1 meter)
Available Finishes:	Granite and brown
Dimensions (W x H x D):	13¾" x 11" x 11" (349mm x 279mm x 279mm)
Shipping Weight:	28 lbs (12.6kg) pair



PART# (GRANITE)... 92887  
PART# (BROWN) .... 92888  
QUANTITY ..... EACH

#### RK10W ROCK WOOFER

Featuring a 10" woofer designed with built-in low-pass filters that direct the bass frequencies to the RK10W and the rest of the sound to satellite speakers. This dramatically improves the satellite speakers' power handling. Available in granite or brown finish.

##### SPECIFICATIONS

Design:	Weather-resistant rock woofer
Woofer:	10" (254mm) black polypropylene cone, dual voice coil, with rubber surround
Frequency Response:	35Hz – 150kHz ±3dB
Impedance:	8 ohms nominal
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Crossover Frequency:	150Hz (low-pass), 150Hz (high-pass)
Dimensions (W x H x D):	19¾" x 16⅞" x 14⅜" (492mm x 429mm x 365mm)



## SONANCE ROCK SPEAKERS

### CRKW WOOFER\*

Features a 10-inch woofer in an attractive granite enclosure. A perfect complement to SoundHenge Redux, Mariner, RK83, and RK63 installations.

#### SPECIFICATIONS

Woofer:	10" (254mm) black polypropylene cone with a rubber surround, dual voice coil
Frequency Response:	35Hz – 150Hz ±3dB
Impedance:	8 ohms nominal
Power Handling:	5 watts minimum; 150 watts maximum
Sensitivity:	90dB SPL (2.83V/1 meter)
Finish:	Granite
Dimensions (W x H x D):	19 <sup>3</sup> / <sub>8</sub> " x 16 <sup>7</sup> / <sub>8</sub> " x 14 <sup>3</sup> / <sub>8</sub> " (492mm x 429mm x 365mm)
Shipping Weight:	20 lbs (9kg) each

\*Available while supplies last



PART# ..... 91960  
QUANTITY ..... EACH

## SOUNDHENG ENCLOSURES

SoundHenge® Redux rock enclosures are designed to house any of the Mariner 60 Series and 50 Series outdoor speakers while complementing landscape designs. SoundHenge Redux offers a uniform size rock enclosure that blends into the background of the landscape. Each enclosure is weather resistant and is designed and textured for a natural look. Soundhenge is available in granite and sandstone.

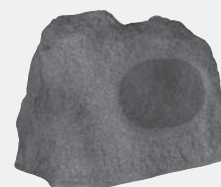
**SPECIAL FEATURES** Durable construction—only weighs 9 lbs. (without speaker) • UV, chip, and weather resistant materials withstand demanding outdoor environments • Grille design allows for optimum performance yet maintains a natural appearance • Upgraded mounting system allows for easy installation of Mariner 60-Series and 50-Series speakers • Stainless steel and aluminum hardware ensures protection from the elements

## SONANCE SOUNDHENG ENCLOSURES

### SOUNDHENG REDUX ENCLOSURE

#### SPECIFICATIONS

Dimensions (W x H x D):	18" x 14" x 14" (457mm x 356mm x 356mm)
Available Finishes:	Granite and sandstone
Shipping Weight:	9 lbs (4.08kg) each



PART# (GRANITE) ..... 92172  
PART# (SANDSTONE) ..... 92173  
QUANTITY ..... EACH

## ACCESSORY MATRIX FOR OUTDOOR SERIES SPEAKERS

SPEAKER MODEL	ACCESSORY PART # & PAGE #							
VISUAL PERFORMANCE SERIES EXTREME SPEAKERS								
	METAL GRILLE		FLEX BRACKET		STAPLE TEMPLATE		ACOUSTIC ENCLOSURE	
VP65 XT	92812	110	92336	119	900651	120	91687	124
VP65R XT	92813	110	92337	119	901049	120	91688	125
VP65S XT	92814	110	92344	119	--	--	92474	125
VP65R SST XT	92813	110	92337	119	901049	120	91688	125
ORIGINAL SERIES EXTREME SPEAKERS								
	METAL GRILLE		FLEX BRACKET		STAPLE TEMPLATE		ACOUSTIC ENCLOSURE	
EXTREME XT	92212	111	92336	119	900651	120	91687	124
EXTREME XTR	92213	111	92337	119	901049	120	91688	125
EXTREME XSSTR	92213	111	92337	119	901049	120	91688	125

## ACCESSORY MATRIX FOR MARINER SPEAKERS

SPEAKER MODEL	ACCESSORY PART # & PAGE #							
	EXTREME KIT WHITE		EXTREME KIT BLACK		SPEAKER GRILLE WHITE		SPEAKER GRILLE BLACK	
MARINER 82	--		--		92254	114	92255	114
MARINER 63	92185	122	92186	122	92252	115	92253	115
MARINER 62	92185	122	92186	122	92252	115	92253	115
MARINER 61	92185	122	92186	122	92252	115	92253	115
MARINER 52	--		--		92250	115	92251	115
MARINER 51	--		--		92250	115	92251	115
MARINER 62 SS	92185	122	92186	122				
MARINER 52 SS	--		--					

RETROFIT ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE		MASONRY BRACKET		VAPOR BARRIER	
92342	127	92807	128	92334	118	92066	120	91703	129
92343	127	92808	128	92335	118	--	--		
92343	127	92808	128	--	--	--	--		
92343	127	92808	128	92335	118	--	--		
RETROFIT ENCLOSURE		FIRE-RATED BACKCAN		COVERPLATE		MASONRY BRACKET		VAPOR BARRIER	
--		92807	128	92334	118	92066	120	91703	129
--		92808	128	92335	118	--		--	
--		92808	128	92335	118	--		--	


# COMMERCIAL SERIES

## (70V/100V)

At Sonance we see an expanding role for our products beyond the home. Sonance Commercial Series provides the A/V integrator with just what is needed for architects and designers who demand higher levels of performance and aesthetics for their commercial projects. Our Commercial Series products draw on the strengths of our residential products while meeting the unique requirements and certifications necessary for commercial applications. All products feature transformer taps for use in 70V and 100V applications.



## COMMERCIAL SERIES INVISIBLE SPEAKERS

**SONANCE INVISIBLE SPEAKERS** When it comes to specifying loudspeakers, invisibility is the leading request from designers and architects. Sonance Invisible Series speakers' proprietary structural and engineering features make it possible to invisibly install them in almost any standard wood/metal stud wall or ceiling. The speaker is completely concealed and essentially becomes an integral part of the wall or ceiling surface. This allows the loudspeaker system to be placed wherever optimal acoustics dictate, eliminating any visual concerns.

### COMMERCIAL SERIES INVISIBLE SPEAKERS

**SPECIAL FEATURES** Patented planar diaphragm technology radiates sound in a 140° hemispherical pattern with smooth, even coverage throughout its bandwidth

- Speaker diaphragm becomes part of the wall or ceiling surface, making the speaker truly invisible
- Can be installed in new and existing wood metal stud

- construction • 70V/100V transformer with multiple power taps for compatibility with commercial installations
- Two-way, full-range planar design
- Self-resetting gel switches provide overload protection
- Includes required installation supplies

#### SA2\*

##### SPECIFICATIONS

Radiating Surface:	294.0 in <sup>2</sup> (1869 cm <sup>2</sup> ) planar diaphragm
Tweeter System:	0.82 lb (0.37 kg) magnet with 1.02" (26mm) voice coil; 12dB/octave high-pass crossover @ 2kHz
Woofer System:	0.82 lb (0.37kg) magnet with 1.02" (26mm) voice coil; 12dB/octave low-pass crossover
Frequency Response:	70Hz – 20kHz ± 4dB
Impedance:	4 ohms nominal, 3.5 ohms minimum
Power Handling:	60 watts RMS as per EIA standard RS-426-A
Transformer:	Primary voltage: 70V; 100V
Primary taps (70V):	0.5W, 1W, 2W, 4W, 8W, 32W
Primary taps (100V):	1W, 2W, 4W, 8W, 16W, 32W
	8-ohm bypass
Sensitivity:	90dB (1W/1 meter)
Dispersion:	140° hemispherical, up to 20kHz
Overload Protection:	Two independent self-resetting gel switches (low-frequency and high-frequency)
Dimensions (W x H x D):	14" x 21" x 3" (356mm x 534mm x 76mm)
Shipping Weight:	16 lbs (7.3kg) each

**\*The SA2 speaker replaces the SA2C and SA2R speakers.**

Note: REQUIRES PBB4 backbox for in-wall installations or PBB6 backbox for in-ceiling installations. See below.



PART# ..... 40046  
QUANTITY ..... EACH

\*Now sold as each.

### SONANCE INVISIBLE SERIES ACCESSORIES

	Part #	Page#	QTY
SA2 backbox (in-wall installations)	40065	128	each
SA2 backbox (in-ceiling installations)	40066	128	each
SA2 installation compensation circuit	40067	129	each
SA2 installation kit	40069	123	each

## COMMERCIAL SERIES WIDE DISPERSION SPEAKERS

**WIDE DISPERSION CEILING LOUDSPEAKERS** When appearance is just as important as performance, the Sonance CT8 and CT10 provide the integrator with just the right balance. The CT8 and CT10 are unique, extended-bandwidth, wide-dispersion planar loudspeakers designed for use in commercial installations. The CT10 features concealed mounting hardware that results in a more discreet appearance than conventional speakers. The CT10 and CT8 are UL-listed for general signaling and plenum use when installed with the PBB8-10 Backbox.

### COMMERCIAL SERIES WIDE DISPERSION SPEAKERS

**SPECIAL FEATURES** 140° hemispherical dispersion pattern (up to 10kHz) with smooth, even coverage allows speakers to be spaced farther apart, reducing the total quantity of loudspeakers and minimizing the visual impact • The

loudspeaker surface may be finished to match almost any decor or color requirement with water soluble material such as latex paints using conventional brush-on, roller, or airless spray application systems



PART#..... 40055  
QUANTITY ..... PAIR



#### CT10

##### SPECIFICATIONS

Radiating Surface:

125 in<sup>2</sup> (806.5cm<sup>2</sup>) planar diaphragm  
(fits standard 8-inch diameter speaker openings)

Driver System:

0.82 lb (0.37kg) magnet with 1.02" (26mm) voice coil

Frequency Response:

80Hz – 15kHz ±4dB

Power Rating:

20 watts RMS as per EIA standard RS-426-A

Pressure Sensitivity:

94dB, 1W/1m

Maximum Output:

106dB @ 1m

System Impedance:

8 ohms nominal; 5.5 ohms minimum

Transformer:

Primary voltage: 70 volts

Primary Taps: 0.5W, 1W, 2W, 4W, 8W, 16W

8-ohm bypass

Dimensions (Dia x D):

13" x 2 3/8" (330mm x 60mm)

Net Weight:

4.2 lbs (1.9kg) each

Shipping Weight:

6 lbs (2.73kg) pair

Certifications:

UL1480, UL2043, NFPA-70, NFPA-90A (US and Canada)

Note: REQUIRES PBB8-10 backbox for UL listing. See below.



PART#..... 40054  
QUANTITY ..... PAIR



#### CT8

##### SPECIFICATIONS

Radiating Surface:

85.5 in<sup>2</sup> (532.3cm<sup>2</sup>) Planar Diaphragm  
(fits standard 8-inch diameter speaker openings)

Driver System:

0.82 lb (0.37kg) magnet with 1.02" (26mm) voice coil

Frequency Response:

80Hz – 15kHz ±4dB

Power Rating:

20 watts RMS as per EIA standard RS-426-A

Pressure Sensitivity:

94dB, 1W/1m

Maximum Output:

106dB @ 1m

System Impedance:

8 ohms nominal; 5.5 ohms minimum

Transformer:

Primary voltage: 70 volts

Primary Taps: 0.5W, 1W, 2W, 4W, 8W, 16W

8-ohm bypass

Dimensions (Dia x D):

13" x 2 3/8" (330mm x 60mm)

Net Weight:

4.2 lbs (1.9kg) each

Shipping Weight:

12.0 lbs (5.5kg) pair

Certifications:

UL1480, UL2043, NFPA-70, NFPA-90A (US and Canada)

Note: REQUIRES PBB8-10 backbox for UL listing. See below.

### COMMERCIAL SERIES WIDE DISPERSION SPEAKER ACCESSORIES

	Part #	QTY
PBB8-10 backbox	40060	10-pack
UMB8-10 universal mounting bracket	40053	10-pack



# COMMERCIAL SERIES FASTMOUNT OUTDOOR SPEAKERS

**FASTMOUNT SPEAKERS** FastMount outdoor speakers establish a new benchmark for performance, weather resistance, and safe, easy installation in commercial/professional outdoor speakers. The exclusive FastMount bracket allows these loudspeakers to quickly snap and lock securely into place. Once installed, the time required to precisely align an array of speakers is greatly reduced by an indexed positioning system that ensures consistent position and alignment. All FastMount models feature a durable, paintable, weather-resistant polypropylene enclosure and paintable perforated aluminum grille. All models are available in black and white.

## COMMERCIAL SERIES FASTMOUNT OUTDOOR SPEAKERS

**SPECIAL FEATURES** FastMount bracket system is fabricated from weather-resistant aluminum • Speakers pivot up to 180° on the bracket while remaining less than 1" from the mounting surface • Click-stop indexed positioning system permits precise, repeatable speaker angle positioning for uniform appearance and more accurate soundfield reproduction • Push-and-lock

speaker installation eliminates clumsy threaded knobs • Protected Access Connection Terminal (PACT) protects wire connectors from weather corrosion while making installation easier • Front-panel wiring connections speed installation and protect the installer by eliminating the need for risky acrobatics on ladders

### FMS860

#### SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome
Woofer:	8" (203mm) one-piece black polypropylene cone with a rubber surround
Frequency Response:	45Hz – 20kHz ±3dB
Nominal Sensitivity:	91dB (2.83V/1m)
Transformer:	Primary voltage: 70V, 100V Primary taps (70V): 7.5W, 15W, 30W, 60W Primary taps (100V): 15W, 30W, 60W 8-ohm bypass
Power Handling:	5 watts minimum; 125 watts maximum
Available Colors:	Black and white
Dimensions (W x H x D):	14" x 9" x 9¼" (356mm x 229mm x 235mm)
Installed Dimensions:	See diagram on page 104
Shipping Weight:	20 lbs (9.0kg) pair



PART# (WHITE)... 40080  
PART# (BLACK)... 40081  
QUANTITY ..... PAIR

### FMS660

#### SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome
Woofer:	6½" (165mm) one-piece black polypropylene cone with a rubber surround
Frequency Response:	55Hz – 20kHz ±3dB
Nominal Sensitivity:	89dB (2.83V/1m)
Transformer:	Primary voltage: 70V, 100V Primary taps (70V): 7.5W, 15W, 30W, 60W Primary taps (100V): 15W, 30W, 60W 8-ohm bypass
Power Handling:	5 watts minimum; 80 watts maximum
Available Colors:	Black and white
Dimensions (W x H x D):	12" x 7½" x 7⅞" (305mm x 191mm x 181mm)
Installed Dimensions:	See diagram on page 104
Shipping Weight:	14 lbs (6.4kg) pair



PART# (WHITE)... 40078  
PART# (BLACK)... 40079  
QUANTITY ..... PAIR

## COMMERCIAL SERIES FASTMOUNT OUTDOOR SPEAKERS



PART# (WHITE)... 40076  
PART# (BLACK)... 40077  
QUANTITY ..... PAIR

### FMS530

#### SPECIFICATIONS

Tweeter:	1" (25mm) polyurethane dome
Woofer:	5 1/4" (133mm) one-piece black polypropylene cone with a rubber surround
Frequency Response:	65Hz – 20kHz ±3dB
Nominal Sensitivity:	88dB (2.83V/1m)
Transformer:	Primary voltage: 70V, 100V Primary taps (70V): 3.8W, 7.5W, 15W, 30W Primary taps (100V): 7.5W, 15W, 30W 8-ohm bypass
Power Handling:	5 watts minimum; 70 watts maximum
Available Colors:	Black and white
Dimensions (W x H x D):	10 1/4" x 6 1/2" x 6" (260mm x 165mm x 153mm)
Installed Dimensions:	See diagram below
Shipping Weight:	12 lbs (5.5kg) pair

## FASTMOUNT OUTDOOR SPEAKER ACCESSORIES

	Part #	Page #	QTY
FMS860 grille (black/white)	40117/40116	N/A	each
FMS660 grille (black/white)	40115/40114	N/A	each
FMS530 grille (black/white)	40113/40112	N/A	each

## FASTMOUNT OUTDOOR SPEAKER INSTALLED DIMENSIONS

### FMS860:

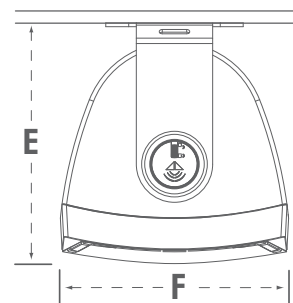
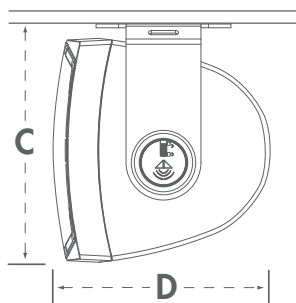
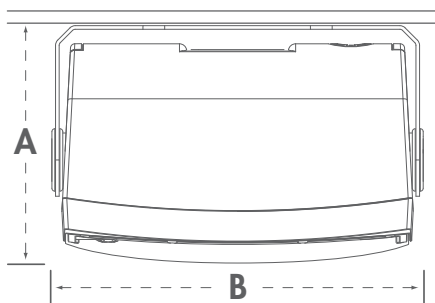
A:	10" (254mm)
B:	14 3/4" (375mm)
C:	11" (279mm)
D:	9 1/2" (241mm)
E:	10" (254mm)
F:	9" (229mm)

### FMS660:

A:	9" (229mm)
B:	13" (330mm)
C:	8 3/4" (222mm)
D:	7 1/2" (191mm)
E:	9" (229mm)
F:	7 3/4" (197mm)

### FMS530:

A:	6 3/4" (171mm)
B:	11" (279mm)
C:	7" (178mm)
D:	6" (152mm)
E:	6 3/4" (171mm)
F:	6 1/2" (165mm)



# COMMERCIAL SERIES INDOOR/OUTDOOR SPEAKERS

Sonance Commercial Series Indoor/Outdoor Speaker's weather-resistant design gives you the flexibility of use in both indoor and outdoor installations. A rotary switch on the rear of the speaker allows selection of 70V, 100V, or 8-ohm operation. Includes C-bracket for installation on walls and columns, or under eaves.

## COMMERCIAL SERIES INDOOR/OUTDOOR SPEAKERS

### SM516

#### SPECIFICATIONS

Tweeter:	5/8" (16mm) polycarbonate dome
Woofer:	5 1/4" (133mm) polypropylene cone with a rubber surround
Frequency Range:	65Hz – 20kHz (-10dB)
Nominal Sensitivity:	88dB SPL (2.83V/1meter)
Nominal Coverage Angle:	90° horizontal, 90° vertical
Directivity Factor:	2.94 averaged from 500Hz to 4kHz
Directivity Index:	3.50 averaged from 500Hz to 4kHz
Transformer:	Primary voltage: 70V, 100V Primary taps (70V): 2W, 4W, 8W, 16W Primary taps (100V): 2W, 4W, 8W, 16W 8-ohm bypass
Power Handling:	60 watts maximum program power; 40 watts continuous pink noise
Enclosure Material:	White ABS
Baffle Material:	White ABS
Grille:	Paintable weather-resistant aluminum
Input Termination:	4-post barrier strip with two input terminals and loop-through terminals two
Dimensions (W x H x D):	6 1/8" x 9 3/8" x 6 1/2" (156mm x 238mm x 165mm)
Net Weight:	8 lbs (3.63kg) each
Shipping Weight:	19 lbs (8.61kg) pair



PART# (WHITE)... 40074  
PART# (BLACK)... 40075  
QUANTITY ..... PAIR

## COMMERCIAL SERIES IN-CEILING SPEAKERS

**COMMERCIAL IN-CEILING SPEAKERS** Commercial Series In-Ceiling speakers offer performance, flexibility, and pricing for almost any commercial application. The CM860 and CM660 are extended bandwidth, wide-dispersion loudspeakers designed for ceiling mounting in commercial or professional installations including airports, hotels, boardrooms, cruise ships, casinos, convention centers, restaurants, offices, houses of worship, and retail stores. Commercial Series in-ceiling speakers feature excellent performance, reliability, and ease of installation at a very attractive price.

### COMMERCIAL SERIES IN-CEILING SPEAKERS

**SPECIAL FEATURES** Integrated backcans • Front-baffle accessible transformer taps • Polypropylene cone woofers and cloth dome tweeters ensure superior quality sound in foreground music, public address, and paging applications • Wide dispersion (120° conical) allows larger areas to be adequately covered by fewer speakers • Integrated, deep-drawn steel backcan and integrated Roto-Lock clamps allow

installation from within the room • Fire-rated ABS baffles meet UL94V-0 fire rating • Weather-resistant perforated aluminum grilles can be painted to match the installation surroundings • CM860 is compatible with Sonance Original Series Large round Flex brackets • CM660 is compatible with Sonance Original Series Medium round Flex brackets • CM860 available in white and black



PART# (WHITE)... 40073  
PART# (BLACK)... 40122  
QUANTITY ..... PAIR

#### CM860

##### SPECIFICATIONS

Tweeter:	1" (25mm) cloth dome, pivoting
Woofers:	8" (203mm) polypropylene cone with a rubber surround
Frequency Range:	50Hz – 20kHz (–10dB)
Nominal Sensitivity:	90dB (2.83V/1meter)
Nominal Coverage Angle:	120° conical
Pressure Sensitivity:	92dB, 1W/1m
Directivity Factor:	5.9 averaged from 500Hz to 4kHz
Directivity Index:	4.6 averaged from 500Hz to 4kHz
Transformer:	Primary voltage: 70V, 100V Primary taps (70V): 7.5W, 15W, 30W, 60W Primary taps (100V): 15W, 30W, 60W 8-ohm bypass
Power Handling:	140 watts maximum program power; 70 watts continuous pink noise
Enclosure Type:	Deep-drawn steel back can
Baffle Material:	ABS (meets UL94V-0 fire rating)
Grille:	Paintable weather-resistant aluminum
Input Termination:	Locking removable quick-connect with two input terminals and two loop-through terminals
Dimensions (Dia x D):	12" x 9½" (305mm x 241mm)
Cut-Out Diameter:	10" (254mm)
Net Weight:	11 lbs (5kg) each
Shipping Weight:	23 lbs (10.4kg) pair
Included Accessories:	C-support plate, 2 internationally-compatible tile support rails, cut-out template, paint plug, removable quick-connect wire terminator
Certifications:	UL1480, UL2043, NFPA-70, NFPA-90A (US and Canada)

### COMMERCIAL SERIES CM860 IN-CEILING SPEAKER ACCESSORIES

	Part #	Page#	QTY
CM860 metal grille (black/white)	40124/40121	N/A	each
CM860 C-mount ring assembly	40119	N/A	1 pair
CM860 metal rough-in bracket	40125	N/A	3 pair
Large round coverplate	92245	118	1 pair
Large round Flex bracket	92247	119	5 pair

COMMERCIAL SERIES IN-CEILING SPEAKERS

CM660

SPECIFICATIONS

Tweeter:	¾" (19mm) cloth dome, pivoting
Woofer:	6½" (165mm) polypropylene cone with a rubber surround
Frequency Range:	65Hz – 20kHz (-10dB)
Nominal Sensitivity:	89dB SPL (2.83V/1meter)
Nominal Coverage Angle:	120° conical
Directivity Factor:	5.9 averaged from 500Hz to 4kHz
Directivity Index:	4.6 averaged from 500Hz to 4kHz
Transformer:	Primary voltage: 70V, 100V Primary taps (70V): 7.5W, 15W, 30W, 60W Primary taps (100V): 15W, 30W, 60W 8-ohm bypass
Power Handling:	140 watts maximum program power; 70 watts continuous pink noise
Enclosure Type:	Deep-drawn steel back can
Baffle Material:	ABS (meets UL94V-0 fire rating)
Grille:	Paintable weather-resistant aluminum
Input Termination:	Locking removable quick-connect with two input terminals and two loop-through terminals
Dimensions (Dia x D):	9¾" x 7½" (248mm x 191mm)
Cut-Out Diameter:	8⅝" (207mm)
Net Weight:	8 lbs (3.63kg) each
Shipping Weight:	19 lbs (8.61kg) pair
Included Accessories:	C-support plate, 2 internationally-compatible tile support rails, cut-out template, paint plug, removable quick connect wire terminator
Certifications:	UL-1480, NFPA-70, CE (US and Canada)

NOTE: NOT SUITABLE FOR AIR-HANDLING SPACES



PART# ..... 40072  
QUANTITY ..... PAIR

COMMERCIAL SERIES CM660 IN-CEILING SPEAKER ACCESSORIES

	Part #	Page#	QTY
CM660 metal grille (white)	40120	N/A	1 pair
CM660 C-mount ring assembly	40118	N/A	1 pair
CM660 metal rough-in bracket	40126	N/A	3 pair
Medium round coverplate	92335	118	1 pair
Medium round Flex bracket	92337	119	5 pair

# SPEAKER ACCESSORIES

Sonance offers a full range of speaker accessories to fit all your custom installation needs for Visual Performance Series, Original Series, Contractor Series, Cinema Series, Outdoor Series and Commercial Series speakers. Replacement grilles, cloth grille options, wood acoustic enclosures, retrofit enclosures, fire-rated backcans, coverplates, adapters, and a variety of brackets are available.





## SPEAKER GRILLES AND COVERPLATES

Replacement grilles and cloth grille options are available for just about every Sonance in-wall and in-ceiling speaker model.

### VISUAL PERFORMANCE SERIES GRILLES

#### VISUAL PERFORMANCE RECTANGLE GRILLE

Fits all Visual Performance Series Rectangle speakers. The one-piece grille is made of perforated steel and plastic.

	Part #	Quantity	MSRP
Large	92614	PAIR	OPEN
Medium	92611	PAIR	OPEN
Small	92608	PAIR	OPEN



#### VISUAL PERFORMANCE ROUND GRILLE

Fits all Visual Performance Series Round speakers. The one-piece grille is made of perforated steel and plastic.

	Part #	Quantity	MSRP
Large	92615	PAIR	OPEN
Medium	92612	PAIR	OPEN
Small	92609	PAIR	OPEN



#### VISUAL PERFORMANCE SQUARE GRILLE

Fits all Visual Performance Series Rectangle speakers. The one-piece grille is made of perforated steel and plastic.

	Part #	Quantity	MSRP
Large	92616	PAIR	OPEN
Medium	92613	PAIR	OPEN
Small	92610	PAIR	OPEN



#### VISUAL PERFORMANCE MEDIUM LCR GRILLE

Fits all Visual Performance Series Medium LCR speakers. The one-piece grille is made of perforated steel and plastic.



PART#..... 92806  
QUANTITY ..... EACH

VISUAL PERFORMANCE SERIES GRILLES



PART#..... 92812  
QUANTITY ..... EACH

VISUAL PERFORMANCE EXTREME RECTANGLE GRILLE

Fits the VP65 XT. The one-piece grille is made of powder-coated stainless steel and plastic.



PART#..... 92813  
QUANTITY ..... EACH

VISUAL PERFORMANCE EXTREME ROUND GRILLE

Fits the VP65R XT and VP65R SST XT. The one-piece grille is made of powder-coated stainless steel and plastic.



PART#..... 92814  
QUANTITY ..... EACH

VISUAL PERFORMANCE EXTREME SQUARE GRILLE

Fits the VP65S XT. The one-piece grille is made of powder-coated stainless steel and plastic.

ORIGINAL SERIES GRILLES



ORIGINAL SERIES RECTANGLE GRILLE

Fits all Original Series Rectangle speakers. The grille is made of perforated aluminum.

	Part #	Quantity	MSRP
Large	92289	PAIR	OPEN
Medium	92100	PAIR	OPEN
Small	92087	PAIR	OPEN

## ORIGINAL SERIES GRILLES

### ORIGINAL SERIES ROUND GRILLE

Fits all Original Series Round speakers. The grille is made of perforated aluminum.

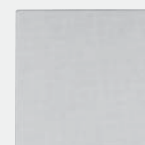
	Part #	Quantity	MSRP
Large	92290	PAIR	OPEN
Medium	92101	PAIR	OPEN
Small	92088	PAIR	OPEN



### ORIGINAL SERIES SQUARE METAL GRILLE

Fits all Original Series square speakers. The grille is made of perforated aluminum.

	Part #	Quantity	MSRP
Medium	92458	PAIR	OPEN
Small	92599	PAIR	OPEN



### ORIGINAL SERIES LCR METAL GRILLE

Fits Original Series 623 LCR speakers. The grille is made of perforated aluminum  
Sold each.



PART#..... 92738  
QUANTITY ..... EACH

### ORIGINAL SERIES EXTREME RECTANGLE METAL GRILLE

Fits Original Series XT speakers. The grille is made of white powder-coated certified 316 stainless steel.

Sold in pairs

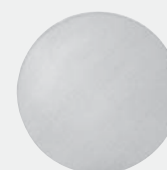


PART#..... 92212  
QUANTITY ..... PAIR

### ORIGINAL SERIES EXTREME ROUND METAL GRILLE

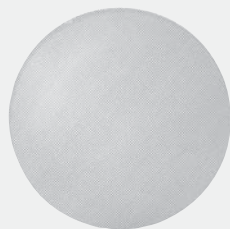
Fits Original Series XTR and XTSSR speakers. The grille is made of white powder-coated certified 316 stainless steel.

Sold in pairs.



PART#..... 92213  
QUANTITY ..... PAIR

## CONTRACTOR SERIES GRILLES



PART#..... 92013  
QUANTITY ..... PAIR

### CONTRACTOR SERIES CR801 METAL GRILLE

Fits CR801 speakers. The grille is made of perforated aluminum.  
Sold in pairs.



PART#..... 91943  
QUANTITY ..... PAIR

### CONTRACTOR SERIES RECTANGLE METAL GRILLE

Fits C201 and C101 speakers. The grille is made of perforated aluminum.  
Sold in pairs



PART#..... 91944  
QUANTITY ..... PAIR

### CONTRACTOR SERIES ROUND METAL GRILLE

Fits CR201, CR101, and CR101SST speakers. The grille is made of perforated aluminum.  
Sold in pairs.



PART#..... 141215  
QUANTITY ..... EACH

### CONTRACTOR SERIES SQUARE METAL GRILLE

Fits C201SQ speakers. The grille is made of perforated aluminum.  
Sold each.

CINEMA SERIES GRILLES

CINEMA LCR1/SUR1 GRILLE

Fits the Cinema LCR1 and SUR1. The one-piece grille is made of perforated steel and plastic.  
Sold in pairs.



PART#..... 92690  
QUANTITY ..... EACH

CINEMA LCR2/SUR2 GRILLE

Fits the Cinema LCR2 and SUR2. The one-piece grille is made of perforated steel and plastic.  
Sold in pairs



PART#..... 92691  
QUANTITY ..... EACH

CINEMA SUB10-250 GRILLE

Visual Performance replacement grille for Cinema In-Wall Subwoofer 10-250.  
Sold each



PART#..... 92894  
QUANTITY ..... EACH

CINEMA SUB12-500 GRILLE

Visual Performance replacement grille for Cinema In-Wall Subwoofer 12-500.  
Sold each



PART#..... 92895  
QUANTITY ..... EACH

## CINEMA SERIES GRILLES/MARINER SERIES GRILLES



PART#..... 92883  
QUANTITY ..... EACH

### CINEMA CABINET LCR1 GRILLE

Black cloth replacement grille for Cinema Cabinet LCR1 speaker.  
Sold in each



PART#..... 92882  
QUANTITY ..... PAIR

### CINEMA CEILING SQUARE LCR/SUR GRILLE

Fits the Cinema Series In-Ceiling speakers Cinema LCR1S, SUR1S and LCR.5S.  
Sold in pairs



PART#..... 92100  
QUANTITY ..... PAIR

### CINEMA SELECT METAL GRILLE

Fits Cinema Select LCR and SUR speakers and all Original Series Medium rectangle speakers. The grille is made of perforated aluminum.  
Sold in pairs.

## MARINER SERIES GRILLES



WHITE  
PART#..... 92254  
QUANTITY ..... PAIR

BLACK  
PART#..... 92255  
QUANTITY ..... PAIR

### MARINER 82 GRILLE

Replacement grilles for Mariner 82 speakers. Available in white or black, sold in pairs.



## MARINER SERIES GRILLES

### MARINER 63, 62 AND 61 GRILLE

Replacement grilles for Mariner 63, 62 and 61 speakers, including SST models. Available in black or white, sold in pairs.



WHITE  
PART#..... 92252  
QUANTITY ..... PAIR

BLACK  
PART#..... 92253  
QUANTITY ..... PAIR

### MARINER 52 AND 51 GRILLE

Replacement grilles for Mariner 52 and 51 speakers, including SST models. Available in white or black, sold in pairs.



WHITE  
PART#..... 92250  
QUANTITY ..... PAIR

BLACK  
PART#..... 92251  
QUANTITY ..... PAIR

## ELLIPSE SERIES GRILLES

### ELLIPSE LCR GRILLE

Fits Ellipse 1.0 LCR speakers. The grille is made of perforated aluminum. Sold each.



PART#..... 92009  
QUANTITY ..... EACH

### ELLIPSE SUR GRILLE

Fits Ellipse SUR speakers. It will also fit Ellipse LCR speakers. The grille is made of perforated aluminum. Sold in pairs.



PART#..... 92010  
QUANTITY ..... PAIR

## CABINET SPEAKER GRILLES



PART#..... 701114  
QUANTITY ..... EACH

### CINEMA SELECT LCR CABINET SPEAKER/ ORIGINAL SERIES 622c CABINET SPEAKER GRILLE

Replacement cloth grille fits Cinema Select LCR Cabinet speaker and Original Series 622C Cabinet speaker.

Sold each.



PART#..... 700493  
QUANTITY ..... EACH

### SYMPHONY 623 LCR CABINET SPEAKER GRILLE\*

Replacement cloth grille fits Symphony 623 LCR Cabinet speaker.

\*While supplies last.



PART#..... 142662  
QUANTITY ..... EACH

### SUB12-250 CABINET SUBWOOFER GRILLE

Replacement cloth grille fits SUB12-250 Cabinet Subwoofer.

Sold each.

CABINET SPEAKER GRILLES

SUB10-150 CABINET SUBWOOFER GRILLE

Replacement cloth grille fits SUB10-150 Cabinet Subwoofer.  
Sold each.



PART#..... 142661  
QUANTITY ..... EACH

SUB8-100 CABINET SUBWOOFER GRILLE

Replacement cloth grille fits SUB8-100 Cabinet Subwoofer.  
Sold each.



PART#..... 142660  
QUANTITY ..... EACH

COVERPLATES



RECTANGLE COVERPLATE

This metal coverplate is designed to cover a template or bracketed hole until the speaker is installed. It is sized slightly smaller than the actual speaker, so the speaker baffle edge will cover any paint ridge created during painting. Discreetly stamped “Reserved for Sonance® speakers” and painted Sonance white, the coverplate can be used with all Visual Performance Series and Original Series rectangle speakers.

	Part #	Quantity	MSRP
Large	92244	PAIR	OPEN
Medium	92334	PAIR	OPEN



ROUND COVERPLATE

This metal coverplate is designed to cover a template or bracketed hole until the speaker is installed. It is sized slightly smaller than the actual speaker, so the speaker baffle edge will cover any paint ridge created during painting. Discreetly stamped “Reserved for Sonance® speakers” and painted Sonance white, the coverplate can be used with all Visual Performance Series and Original Series round speakers.

	Part #	Quantity	MSRP
Large	92245	PAIR	OPEN
Medium	92335	PAIR	OPEN



PART# ..... 91974  
QUANTITY ..... EACH

ELLIPSE COVERPLATE

This metal coverplate is designed to cover a template or bracketed hole until the speaker is installed. It is sized slightly smaller than the actual speaker, so the speaker baffle edge will cover any paint ridge created during painting. Discreetly stamped “Reserved for Sonance® speakers” and painted Sonance white, the coverplate can be used with all Ellipse Series speakers.

Sold each, with flex bars.

# INSTALLATION AND MOUNTING BRACKETS

Sonance offers a variety of brackets that make it easy to solve any installation riddle.

## VISUAL PERFORMANCE SERIES/ORIGINAL SERIES/CONTRACTOR SERIES BRACKETS

### RECTANGLE FLEX BRACKET

This thin plastic template for new construction can be nailed, stapled, or screwed to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations and are configurable horizontally or vertically. Centering marks aid in proper alignment. It can be used with all Visual Performance Series and Original Series rectangle speakers.

Sold in 5-pair boxes.

	Part #	Quantity	MSRP
Large	92246	5 PAIR	OPEN
Medium	92336	5 PAIR	OPEN
Small	92470	5 PAIR	OPEN



### ROUND FLEX BRACKET

This thin plastic template for new construction can be nailed, stapled, or screwed to joists before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations. It can be used with all Visual Performance Series and Original Series round speakers.

Sold in 5-pair boxes.

	Part #	Quantity	MSRP
Large	92247	5 PAIR	OPEN
Medium	92337	5 PAIR	OPEN
Small	92471	5 PAIR	OPEN



### SQUARE FLEX BRACKET

This thin plastic template for new construction can be nailed, stapled, or screwed to joists before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations. Centering marks aid in proper alignment. It can be used with all Visual Performance Series and Original Series square speakers.

Sold in 5-pair boxes.

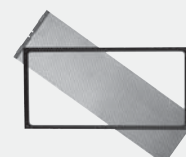
	Part #	Quantity	MSRP
Large	92801	5 PAIR	OPEN
Medium	92344	5 PAIR	OPEN
Small	92472	5 PAIR	OPEN



### MEDIUM LCR FLEX BRACKET

This thin plastic template for new construction can be nailed, stapled, or screwed to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations and are configurable horizontally or vertically. Centering marks aid in proper alignment. It can be used with all Visual Performance Series and Original Series Medium LCR speakers.

Sold each.



PART#..... 92475  
QUANTITY ..... EACH

## VISUAL PERFORMANCE SERIES/ORIGINAL SERIES/CONTRACTOR SERIES BRACKETS



PART# ..... 900651  
QUANTITY ..... 5 PAIR

### MEDIUM RECTANGLE STAPLE TEMPLATE

This thin plastic template for new construction (16-inch (406mm) on-center installations only) can be stapled to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. It can be used with all Visual Performance Series, Original Series, and Contractor Series Medium rectangle speakers, and Cinema Select LCR/SUR speakers. Not recommended when wall interior obstructions (studs, pipes, etc.) are closer than 1 1/4" (32mm) to the top or bottom of the drywall cut-out hole, or when drywallers must use routers.

Sold in 5-pair boxes.



PART# ..... 901067  
QUANTITY ..... 5 PAIRS

### LARGE RECTANGLE STAPLE TEMPLATE

This thin plastic template for new construction (16-inch (406mm) on-center installations only) can be stapled to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. It can be used with all Visual Performance Series and Original Series Large Rectangle speakers. Not recommended when wall interior obstructions (studs, pipes, etc.) are closer than 1 1/4" (32mm) to the top or bottom of the drywall cut-out hole, or when drywallers must use routers.

Sold in 5-pair boxes.



PART# ..... 92066  
QUANTITY ..... PAIR

### MEDIUM RECTANGLE MASONRY BRACKET

This thin plastic bracket provides a surface in brick walls to use Roto-Lock mounting systems, allowing speakers to be installed into walls constructed using brick and finished with plaster. It can be used with all Visual Performance Series, Original Series and Contractor Series Medium rectangle speakers and Cinema Select LCR/SUR speakers.

Sold in pairs.



PART# ..... 901049  
QUANTITY ..... 5 PAIR

### MEDIUM ROUND STAPLE TEMPLATE

This thin plastic template for new construction (16-inch (406mm) on-center installations only) can be stapled to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. It can be used with all Visual Performance Series, Original Series and Contractor Series Medium round speakers. Not recommended when wall interior obstructions (studs, pipes, etc.) are closer than 1 1/4" (32mm) to the top or bottom of the drywall cut-out hole, or when drywallers must use routers.

Sold in 5-pair boxes.



PART# ..... 91942  
QUANTITY ..... PAIR

### CONTRACTOR SERIES SQUARE FLEX BRACKET

This thin plastic template for new construction can be nailed, stapled, or screwed to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations. Centering marks aid in proper alignment. It can be used only with Contractor Series C201SQ speakers.

Sold in pairs.



PART# ..... 92067  
QUANTITY ..... PAIR

### SMALL RECTANGLE MASONRY BRACKET

This thin plastic bracket provides a surface in brick walls to use Roto-Lock mounting systems, allowing speakers to be installed into walls constructed using brick and finished with plaster. It can be used with all Visual Performance Series and Original Series Small rectangle speakers.

Sold in pairs.



**CINEMA LCR1/SUR1 FLEX BRACKET**

This thin plastic template for new construction can be nailed, stapled, or screwed to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations and are configurable horizontally or vertically. Centering marks aid in proper alignment. It can be used only with Cinema LCR1 and SUR1 speakers.

Sold each.

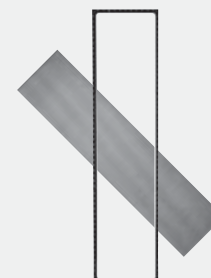


PART#..... 92499  
QUANTITY ..... EACH

**CINEMA LCR2/SUR2 FLEX BRACKET**

This thin plastic template for new construction can be nailed, stapled, or screwed to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations and are configurable horizontally or vertically. Centering marks aid in proper alignment. It can be used only with Cinema LCR2 and SUR2 speakers.

Sold each.



PART#..... 92500  
QUANTITY ..... EACH

**CINEMA CEILING FLEX BRACKET**

This thin plastic template for new construction can be nailed, stapled, or screwed to joists before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations and are configurable horizontally or vertically. Centering marks aid in proper alignment. It can be used with the Cinema Series In-Ceiling speakers.

Sold each.



PART#..... 92800  
QUANTITY ..... EACH

**CINEMA SELECT FLEX BRACKET**

This plastic template for new construction can be nailed, stapled, or screwed to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. Snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations. Configurable horizontally or vertically. Centering marks. It can be used with Cinema Select LCR/SUR speakers, as well as all Visual Performance Series, Original Series, and Contractor Series Medium rectangle speakers.

Sold in 5-pair boxes.



PART#..... 92336  
QUANTITY ..... 5 PAIRS

## CINEMA SERIES BRACKETS



PART# ..... 900651  
QUANTITY ..... 5 PAIR

### CINEMA SELECT STAPLE TEMPLATE

This thin plastic template for new construction (16-inch (406mm) on-center installations only) can be stapled to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. It can be used with Cinema Select LCR and SUR speakers, as well as all Visual Performance Series, Original Series, and Contractor Series Medium rectangle speakers. Not recommended when wall interior obstructions (studs, pipes, etc.) are closer than 1 1/4" (32mm) to the top or bottom of the drywall cut-out hole, or when drywallers must use routers.

Sold in 5-pair boxes.



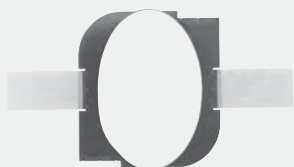
PART# ..... 92066  
QUANTITY ..... PAIR

### CINEMA SELECT MASONRY BRACKET

This thin plastic template for new construction (16-inch (406mm) on-center installations only) can be stapled to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. It can be used with Cinema Select LCR/SUR speakers, as well as all Visual Performance Series, Original Series, and Contractor Series Medium speakers. Not recommended when wall interior obstructions (studs, pipes, etc.) are closer than 1 1/4" (32mm) to the top or bottom of the drywall cut-out hole, or when drywallers must use routers.

Sold in pairs.

## ELLIPSE SERIES BRACKETS



PART# ..... 91922  
QUANTITY ..... EACH

### ELLIPSE FLEX BRACKET

This thin plastic template for new construction can be nailed, stapled, or screwed to studs before drywall is cut and installed. The speaker then installs using its Roto-Lock clamps. The Flex bracket's snap-on mesh metal wings will accommodate up to 24-inch (610mm) on-center installations. Centering marks aid in proper alignment. It can be used with Ellipse 1.0 LCR and SUR speakers.

Sold each.

## MARINER SERIES BRACKETS



PART# (WHITE)... 92185  
PART# (BLACK)... 92186  
QUANTITY ..... EACH

### MARINER EXTREME ACCESSORY KIT

Designed to fit Mariner 63, Mariner 62 and Mariner 61 speakers, this kit includes one stainless steel grille and one stainless steel FastMount bracket assembly. Mariner speakers outfitted with these parts are ideal for use in installations where the speakers will be exposed to extreme weather, permanent outdoor installations in severe climates or near the ocean, and in installations on boats used at sea.

Available in black and white.

SA3, SAW, AND SA1.5 SPACE SAVERS

Reusable units designed to be installed in new construction to reserve locations for the speakers during the early stages of construction. At the appropriate time, the speaker installer removes the Space Saver and replaces it with the Invisible Series speaker.

Available for the SA3/SAW and the SA1.5.

SA3/SAW SPACE SAVER SPECIFICATIONS

Dimensions (W x H x D): 16" x 24" x 3 1/2" (406mm x 610mm x 89mm)  
Shipping Weight: 8 lbs (3.6kg) each  
Net Weight: 5 lbs (2.3kg) each

SA1.5 SPACE SAVER SPECIFICATIONS

Dimensions (W x H x D): 12" x 16" x 3 1/2" (305mm x 406mm x 89mm)  
Shipping Weight: 5 lbs (2.3kg) each  
Net Weight: 3 lbs (1.4kg) each



PART#  
(SA3/SAW) ..... 92723  
QUANTITY ..... EACH

PART# (SA1.5).... 92722  
QUANTITY ..... EACH

SA2 REPLACEMENT INSTALLATION KIT

Replacement kit contains required installation supplies that are included with the SA speakers. Each kit contains the following items (enough to install two SA speakers):

- (2) Vellum overlays

(2) 8-oz bags of joint compound

(4) #10 – 24 x 3 hex screws

(4) #8 washers

(4) High-density rubber standoffs
- (1) 5/32 hex wrench

(1) 8-oz jar of overlay adhesive

(1) Measuring cup

PART# ..... 40069  
QUANTITY ..... EACH

## ACOUSTIC ENCLOSURES, BACKBOXES AND BACKCANS

Sonance acoustic enclosures and retrofit backboxes provide significant performance enhancement and sound spillover reduction. Fire-rated backcans perform in accordance with various ASTM and UL safety tests.

### VISUAL PERFORMANCE SERIES/ORIGINAL SERIES/CONTRACTOR SERIES WOOD ACOUSTIC ENCLOSURES



PART#..... 91708  
QUANTITY ..... EACH

#### LARGE RECTANGLE WOOD ACOUSTIC ENCLOSURE

This fully-braced 1/2" MDF enclosure is designed to deliver free-standing speaker performance from Visual Performance Series and Original Series Large rectangle speakers and woofers. It offers premium design for the finest sonic performance.

Internal Volume: 1.4 ft<sup>3</sup>  
Dimensions\* (W x H x D): 14" x 60" x 3 1/2" (356mm x 1524mm x 89mm)  
Cut-Out Dims. (W x H): 8 11/16" x 14 11/16" (221mm x 373mm)  
Shipping Weight: 38 lbs (17.3kg)

\*Add thickness of wall material to listed depth to arrive at total depth

Note: Enclosure depth is sufficient to accommodate the recommended speakers when installed behind 1/2" or thicker drywall.



PART#..... 91900  
QUANTITY ..... EACH

#### LARGE ROUND WOOD ACOUSTIC ENCLOSURE

An acoustically-optimized 1/2" MDF enclosure that delivers free-standing speaker performance from Visual Performance Series and Original Series Large round speakers and woofers.

Internal volume: 1.0 ft<sup>3</sup>  
Dimensions\* (W x H x D): 14" x 27" x 6" (356mm x 152mm x 86mm)  
Cut-Out Diameter: 10 1/4" (260mm)  
Shipping Weight: 38 lbs (17.3kg)

\*Add thickness of wall or ceiling material to listed depth to arrive at total depth



PART#..... 92481  
QUANTITY ..... EACH

#### LARGE SQUARE WOOD ACOUSTIC ENCLOSURE

This fully-braced 1/2" MDF enclosure is designed to deliver free-standing speaker performance from Visual Performance Series and Original Series Large square speakers. It offers premium design for the finest sonic performance.

Internal Volume: 1.0 ft<sup>3</sup>  
Dimensions\* (W x H x D): 14" x 27" x 6" (356mm x 152mm x 86mm)  
Cut-Out Dims. (W x H): 10 1/4" x 10 1/4" (260mm x 260mm)  
Shipping Weight: 38 lbs (17.3kg)

\*Add thickness of wall or ceiling material to listed depth to arrive at total depth



PART#..... 91687  
QUANTITY ..... EACH

#### MEDIUM RECTANGLE WOOD ACOUSTIC ENCLOSURE

This fully-braced 1/2" MDF enclosure is designed to deliver free-standing speaker performance from Visual Performance Series, Original Series and Contractor Series Medium rectangle speakers. It offers premium design for the finest sonic performance.

Internal Volume: 0.62 ft<sup>3</sup>  
Dimensions\* (W x H x D): 14" x 36" x 3 1/2" (356mm x 914mm x 89mm)  
Cut-Out Dims. (W x H): 7 1/8" x 10 7/8" (181mm x 276mm)  
Shipping Weight: 22 lbs (10kg)

\*Add thickness of wall material to listed depth to arrive at total depth

**MEDIUM ROUND WOOD ACOUSTIC ENCLOSURE**

This fully-braced 1/2" MDF enclosure is designed to deliver free-standing speaker performance from Visual Performance Series, Original Series and Contractor Series Medium round speakers. It offers premium design for the finest sonic performance.

Internal Volume: 0.62 ft<sup>3</sup>  
 Dimensions\* (W x H x D): 14" x 20 1/2" x 5 1/4" (356mm x 521mm x 133mm)  
 Cutout Diameter: 8 1/2" (216mm)  
 Shipping Weight: 16 lbs (7.3kg)

\*Add thickness of wall or ceiling material to listed depth to arrive at total depth



PART# ..... 91688  
 QUANTITY ..... EACH

**MEDIUM SQUARE WOOD ACOUSTIC ENCLOSURE**

This fully-braced 1/2" MDF enclosure is designed to deliver free-standing speaker performance from Visual Performance Series and Original Series Medium square speakers. It offers premium design for the finest sonic performance.

Internal Volume: 0.62 ft<sup>3</sup>  
 Dimensions\* (W x H x D): 14" x 20 1/2" x 5 1/4"  
 Cut-Out Dims. (W x H): 8 3/8" x 8 3/8" (213mm x 213mm)  
 Shipping Weight: 16 lbs (7.3kg)

\*Add thickness of wall or ceiling material to listed depth to arrive at total depth



PART# ..... 92474  
 QUANTITY ..... EACH

**SMALL ROUND WOOD ACOUSTIC ENCLOSURE**

Fully-braced 1/2" MDF enclosure designed to deliver free-standing speaker performance from Visual Performance Series and Original Series Small round speakers. Premium design for the finest sonic performance.

Internal Volume: 0.56 cu. ft.  
 Dimensions\* (W x H x D): 14" x 12 1/2" x 4" (356mm x 318mm x 101mm)  
 Cut-Out Diameter: 6" (152mm)  
 Shipping Weight: 8 lbs (3.6kg)

\*Add thickness of wall or ceiling material to listed depth to arrive at total depth



PART# ..... 92445  
 QUANTITY ..... EACH

**SMALL SQUARE WOOD ACOUSTIC ENCLOSURE**

Fully-braced 1/2" MDF enclosure designed to deliver free-standing speaker performance from Visual Performance Series and Original Series Small Square speakers. Premium design for the finest sonic performance.

Internal Volume: 0.56 cu. ft.  
 Dimensions\* (W x H x D): 14" x 12 1/4" x 4" (356mm x 311mm x 101mm)  
 Cut-Out Dims. (W x H): 5 5/8" x 5 5/8" (143mm x 143mm)  
 Shipping Weight: 8 lbs (3.6kg)

\*Add thickness of wall or ceiling material to listed depth to arrive at total depth



PART# ..... 92449  
 QUANTITY ..... EACH

**CINEMA SELECT WOOD ACOUSTIC ENCLOSURE**

This fully-braced 1/2" MDF enclosure is designed to deliver free-standing speaker performance from Cinema Select LCR and SUR speakers. It offers premium design for the finest sonic performance.

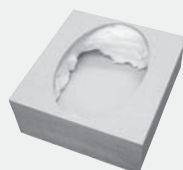
Internal Volume: 0.62 ft<sup>3</sup>  
 Dimensions\* (W x H x D): 14" x 36" x 3 1/2" (356mm x 914mm x 89mm)  
 Cut-Out Dims. (W x H): 7 1/8" x 10 7/8" (181mm x 276mm)  
 Shipping Weight: 22 lbs (10kg)

\*Add thickness of wall material to listed depth to arrive at total depth



PART# ..... 91687  
 QUANTITY ..... EACH

## ELLIPSE SERIES WOOD ACOUSTIC ENCLOSURES



PART# ..... 91921  
QUANTITY ..... EACH

### ELLIPSE WOOD ACOUSTIC ENCLOSURE

This acoustic enclosure for Ellipse 1.0 LCR and Ellipse SUR features ½" MDF construction with damping material.

Internal Volume: 0.54 ft³  
Dimensions\* (W x H x D): 14" x 15¼" x 6" (356mm x 387mm x 152mm)

\*Add thickness of wall or ceiling material to listed depth to arrive at total depth

## CINEMA SERIES IN-WALL SUBWOOFER ENCLOSURES

**CINEMA SERIES IN-WALL SUBWOOFER ENCLOSURES** feature a combination of ½" and 1" MDF materials for superior isolation of bass; extruded aluminum bracing for minimal obstruction of airflow inside the enclosure; mass damping of front and back walls of enclosure; long-strand fiberglass internal damping for standing wave dissipation; dual positive and negative terminals for maximum wire durability; floating enclosure design minimizes vibration transfer to adjoining rooms; fits in standard 2x4 stud bay; blank pre-construction plate for easy installation.

## CINEMA SERIES ENCLOSURES



PART# ..... 92876  
QUANTITY ..... EACH

### SONANCE CINEMA SUB12-500 ENCLOSURE

#### SPECIFICATIONS

Internal Volume	1.20 cubic feet (34.3 liters) of volume
Material	MDF wood box with long strand fiberglass acoustic dampening material
Compatibility	Fits the Sonance Cinema SUB12-500 only
Enclosure Dimensions (WxHxD)	14¼" x 70⅞" x 3⅞" (362mm x 1800mm x 87mm)
Mounting Depth	3⅞" (85.7mm)
Mounting Bracket Width	16¼" (409.5mm)
Hardware	Integrated L-bracket mounting system included



PART# ..... 92874  
QUANTITY ..... EACH

### SONANCE CINEMA SUB10-250 ENCLOSURE

#### SPECIFICATIONS

Internal Volume	.80 cubic feet (22.6 liters) of volume
Material	MDF wood box with long strand fiberglass acoustic dampening material
Compatibility	Fits the Sonance Cinema SUB10-250 only
Enclosure Dimensions (WxHxD)	14¼" x 47¼" x 3⅞" (362mm x 1200mm x 87mm)
Mounting Depth	3⅞" (85.7mm)
Mounting Bracket Width	16¼" (409.5mm)
Hardware	Integrated L-bracket mounting system included



RECTANGLE RETROFIT ENCLOSURE

This glass-reinforced polypropylene enclosure reduces sound spillover into adjacent spaces by 20dB and reduces the effect of wall cavity variations. It is retrofittable on all Visual Performance Series and Original Series rectangle speakers.

	Part #	Quantity
Large	92242	PAIR
Medium	92342	PAIR
Small	92442	PAIR



ROUND AND SQUARE RETROFIT ENCLOSURES

This glass-reinforced polypropylene enclosure reduces sound spillover into adjacent spaces by 20dB and reduces the effect of wall cavity variations. It is retrofittable on all Visual Performance Series and Original Series round and square speakers.

	Part #	Quantity
Large	92243	PAIR
Medium	92343	PAIR
Small	92443	PAIR

Enclosures also fit Visual Performance and Original Series speakers.



MEDIUM LCR RETROFIT ENCLOSURE

Glass-reinforced polypropylene enclosure reduces sound spillover into adjacent spaces by 20dB and reduces the effect of wall cavity variations. The enclosure is retrofittable on Visual Performance Series Medium LCR speakers.



PART# ..... 92836  
QUANTITY ..... PAIR

## INVISIBLE SERIES BACKBOXES



PART# (PBB4) ..... 40065  
PART# (PBB6) ..... 40066  
QUANTITY ..... EACH

### INVISIBLE SERIES BACKBOXES

Metal backboxes that reduce sound transmission into adjacent spaces and are required for all SA2 installations in spaces deeper than 4 inches. Available in 4-inch depth for walls (PBB4) and 6-inch depth for ceilings (PBB6). UL 1480 certification.

PBB4 Dimensions (W x H x D): 14<sup>1</sup>/<sub>4</sub>" x 21<sup>1</sup>/<sub>4</sub>" x 3<sup>1</sup>/<sub>4</sub>" (362mm x 540mm x 83mm)  
PBB6 Dimensions (W x H x D): 14<sup>1</sup>/<sub>4</sub>" x 21<sup>1</sup>/<sub>4</sub>" x 5<sup>1</sup>/<sub>4</sub>" (362mm x 540mm x 133mm)  
PBB4 Shipping Weight: 8.4 lbs (3.8kg)  
PBB6 Shipping Weight: 10.1 lbs (4.6kg)

## VISUAL PERFORMANCE SERIES/ORIGINAL SERIES/CONTRACTOR SERIES FIRE-RATED BACKCANS

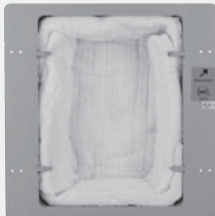


PART# ..... 91908  
QUANTITY ..... EACH

### FIRE-RATED (LISTED) LARGE ROUND BACKCAN

Provides 1-hour rating in accordance with ASTM E814-06, ASTM E119, UL263, NFPA251, CN/ULC S 101 when installed as part of a gypsum board ceiling assembly with an appropriate Sonance Flex Bracket. Includes ceramic fiber insulation and Snap2it wire clamps. Painted steel construction. It can be used with all Visual Performance Series and Original Series Large round speakers. WHI Design Listing DII/PH60-04.

Mounting Plate Dims. (W x H): 17<sup>3</sup>/<sub>4</sub>" x 18" (451mm x 457mm)  
Can Dimensions (W x H x D): 13" x 16<sup>1</sup>/<sub>2</sub>" x 6<sup>1</sup>/<sub>2</sub>" (330mm x 419mm x 165mm)  
Cut-Out Diameter: 10<sup>7</sup>/<sub>16</sub>" (265mm)  
Shipping Weight: 10 lbs (4.5kg)



PART# (SHALLOW) ..... 92807  
QUANTITY ..... EACH

### FIRE-RATED (LISTED) DEEP AND SHALLOW BACKCANS

Provides 1-hour rating in accordance with ASTM E814-06, ASTM E119, UL263, NFPA251, CN/ULC S 101 when installed as part of a gypsum board wall (shallow) or ceiling (deep) assembly with an appropriate Sonance Flex Bracket. WHI Design Listing DII/PH60-09. Includes ceramic fiber insulation and Snap2it wire clamps. Painted steel construction.

Available in shallow (3<sup>15</sup>/<sub>32</sub>" — 88mm) and deep (5<sup>31</sup>/<sub>32</sub>" — 152mm) models, and can be used with all Sonance in-wall and in-ceiling speaker models *EXCEPT FOR THE FOLLOWING MODELS*:

- All Visual Performance Series and Original Series Large Rectangle speakers
- Visual Performance Series VP67 LCR and Original Series 623 LCR
- All Ellipse Series speakers
- Cinema Series LCR1, LCR2, SUR1, SUR2
- Cinema Ultra II LCR, SUR, Cinema SUB, and Cinema TWO.SUB
- All Silhouette Series speakers

Mounting Plate Dims (W x H): 17<sup>3</sup>/<sub>4</sub>" x 18" (451mm x 457mm)  
Can Dimensions (W x H): 12<sup>15</sup>/<sub>16</sub>" x 16<sup>15</sup>/<sub>16</sub>" (329mm x 430mm)  
Deep Can Depth: 5<sup>31</sup>/<sub>32</sub>" (152mm)  
Shallow Can Depth: 3<sup>15</sup>/<sub>32</sub>" (88mm)  
Shipping Weight: 13 lbs (5.9kg) — deep; 11 lbs (5.0kg) — shallow  
NOTE: Architectural Series 5/8" Gypsum Panel Brackets are manufactured with QuietRock® 525, a fire-rated material. They are compatible with the Fire-Rated Deep and Shallow Backcans.

PART# (DEEP) ..... 92808  
QUANTITY ..... EACH



PART# ..... 91933  
QUANTITY ..... EACH

### CONTRACTOR SERIES SQUARE FIRE-RATED BACKCAN

Provides 1 hour rating in accordance with ASTM E814-06, ASTM E119, UL263, NFPA251, CN/ULC S 101 when installed as part of a gypsum board ceiling assembly. Painted steel construction. It can be used only with Contractor Series C201SQ speakers.

Mounting Plate Dims (W x H): 23<sup>3</sup>/<sub>4</sub>" x 19" (603mm x 483mm)  
Can Dimensions (W x H x D): 13" x 16<sup>1</sup>/<sub>2</sub>" x 3<sup>1</sup>/<sub>2</sub>" (330mm x 419mm x 89mm)  
Cut-Out Dims. (W x H): 7<sup>5</sup>/<sub>16</sub>" x 7<sup>5</sup>/<sub>16</sub>" (185mm x 185mm)

## IN-WALL TREATMENTS AND ELECTRONICS

Sonance in-wall treatments and electronics bring installed speaker systems to their ultimate level of performance.

### IN-WALL TREATMENTS

#### SONAFILL IN-WALL AND IN-CEILING ACOUSTIC DAMPENING

A two-part system providing passive resonance control, SonaFill® greatly improves the performance of in-wall and in-ceiling speakers. Acoustic dampening tiles damp drywall resonances while absorptive pillows absorb sound within the wall or ceiling cavity. They can be used in new construction as well as retrofit installations. Originally developed for noise cancellation in the hulls of submarines.

##### SPECIFICATIONS

Design:	Acoustic damping system for in-wall and in-ceiling applications
Mounting Method:	Self-adhesive mounting plates
Dimensions (W x H x D):	
In-Wall:	12" x 12" x 6" (305mm x 305mm x 152mm)
In-Ceiling:	16" x 16" x 12" (406mm x 406mm x 304mm)
Weight (In-Wall):	1 lbs (0.45kg)
Weight (In-Ceiling):	2 lbs (0.9kg)



PART# (IN-WALL) .....91698  
QUANTITY .....EACH

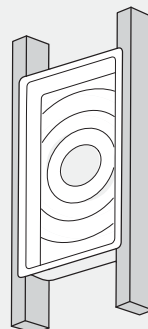
PART# (IN-CEILING)..91928  
QUANTITY .....EACH

#### VAPOR BARRIER

Vapor barriers minimize the escape of warm air from the living space through the speaker location. Sonance Vapor Barriers are thin, flexible, and self-extinguishing. Fits 16-inch on-center stud construction. It can be stapled or glued to studs. We recommend stuffing the Vapor Barrier with 3" of non-backing type fiberglass or other damping material to reduce resonances.

##### SPECIFICATIONS

Construction:	PVC
Dimensions (W x H x D):	14" x 22" x 3 1/2" (355mm x 559mm x 89mm)
Net Weight:	5 oz each



PART# ..... 91703  
QUANTITY ..... 12 PAIR

### INVISIBLE SERIES ELECTRONICS

#### ICC INSTALLATION COMPENSATION CIRCUIT

The ICC is a 2-channel active equalizer specifically-designed to provide correction for SA2 speaker performance variations due to surface finish and installation placement. Provides variable low-frequency and high-frequency equalization tailored to maximize SA2 performance, as well as spatial enhancement circuitry that expands the stereo soundstage. Occupies 1U in a standard 19 inch equipment rack (1/2-rack width). Includes rackmount extension panel, panel link and hardware.

##### SPECIFICATIONS

Inputs:	Unbalanced (gold-plated RCA)
Outputs:	Processed; direct (gold-plated RCA)
Controls:	LF compensation, HF compensation, Spatial enhancement, output level, cavity compensation
Dimensions (W x H x D):	9 1/2" x 1 23/32" x 5" (241mm x 44mm x 128mm)
Rack Space Requirements:	1U (1/2-rack width)
Shipping Weight:	2.9 lbs (1.4kg)



PART# ..... 40067  
QUANTITY ..... EACH

# ELECTRONICS and ELECTRONIC ACCESSORIES

An elite audio system is only as good as its individual components. At Sonance, we have taken this philosophy to heart and developed a full line of amplifiers, control electronics, and accessories that allow your system to perform at its peak. Our passion for an unparalleled audio experience shows in every detail, and the breadth of our line of accessories enables you to configure a custom system that meets your needs precisely.



## SONANCE SONAMP AMPLIFIERS

At Sonance, the engineers working on our Sonamp® amplifiers have a simple mission: Make amplifiers that are worthy of driving our loudspeakers. They accomplish this by designing amplifiers that are focused on reliability and that maintain the highest levels of performance in the most demanding multi-room applications. With its long history of innovation and a reputation for rugged reliability, it's no wonder that Sonamps continue to enjoy a loyal following among top A/V integrators.

### SONAMP MULTI-CHANNEL AMPLIFIERS

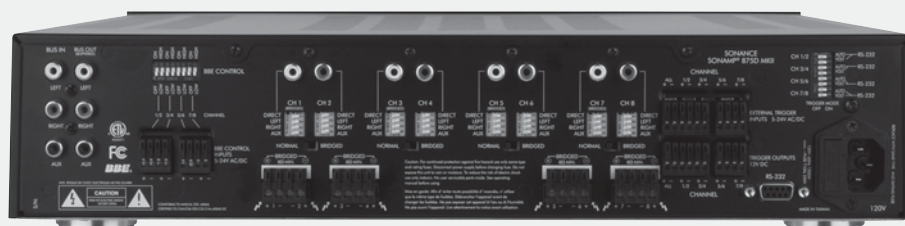
**SONAMP 875D MKII SPECIAL FEATURES** Highly efficient ICEpower® digital amplification • 65 watts RMS x 8 @ 8 ohms • Bridgeable to 250 watts RMS x 4 @ 8 ohms • Serial control capability (including volume control) via RS-232 connection • Compact 2U rack height chassis expands installation options (rack-mount ears included) • Individual protection

circuitry for each zone • BBE® sound enhancement circuitry • Versatile input connections • Buffered line outputs • 12V input and output triggers and defeatable auto-on signal sensing • Defeatable high-pass filter (-3dB @ 27Hz) protects in-wall volume controls • Front-panel Zone Status, BBE ON and Fault LEDs for each zone • Available in 120V and 230V versions

#### SONAMP 875D MKII MULTI-CHANNEL AMPLIFIER

##### SPECIFICATIONS

Number of Channels:	8 (four stereo pairs)
Power Output:	65 watts RMS per channel (x 8) @ 8 ohms 120 watts RMS per channel (x 8) @ 4 ohms 250 watts RMS per channel (x 4) @ 8 ohms
Power Output (Bridged):	250 watts RMS per channel (x 4) @ 8 ohms
Frequency Response:	20Hz – 20kHz, ±1dB (hi-pass filter OFF) -3dB @ 27Hz (hi-pass filter ON)
Total Harmonic Distortion:	0.10% (1kHz, 8 ohms) 0.25% (1kHz, 4 ohms)
Signal to Noise Ratio:	-96dB (w/22kHz A-WTG filter)
Input Sensitivity:	1.0V for 65W RMS @ 8 ohms 850mV w/BBE on (+3dB) 650mV w/BBE on (+6dB)
Input Impedance:	10k ohms
Max Source Input Voltage:	4.0 VAC RMS 3.0 VAC RMS w/BBE on
Loop Output Impedance (Buffered):	100 ohms
Serial Protocol (RS-232 Connection):	9600 Baud, N, 8, 1, single CR
Power Consumption:	1,200 watts maximum (4 ohms, full power)
AC Fuse (120V Version):	10A (T10AL ~ 250V)
AC Fuse (230V Version):	6.3A (T6.3AL ~250V)
Heat Output:	288 BTU/hour (8 ohms, rock music) 553 BTU/hour (4 ohms, rock music)
Dimensions (W x H x D):	16½" x 3½" x 17¼" (419mm x 98mm x 438mm)
Dimensions (w/Rack Ears, W x H x D):	19" x 3½" x 17¼" (483mm x 98mm x 438mm)
Rack Space Requirements:	2U (rack-mount ears included)
Shipping Weight:	24 lbs (10.9kg) each



**BBE®**

PART# (120V)..... 92804  
QUANTITY ..... EACH

PART# (230V)..... 92805  
QUANTITY ..... EACH



SONAMP MULTI-CHANNEL AMPLIFIERS

**SONAMP 1250 MKII SPECIAL FEATURES** 50 watts RMS x 12 @ 8 ohms, 75 watts RMS x 12 @ 4 ohms • Bridgeable to 100 watts RMS x 6 @ 8 ohms • Configurable input signal routing (left, right, aux and direct) • Nut-mounted audiophile RCA connectors can handle enhanced audio cables • Gold-plated 5-way binding post speaker connectors • Discrete volume control for each channel • Buffered outputs (left,

right and aux busses) allows expansion to 24/36/48 channels • Switched 12V DC output controls external devices such as screens, relay boxes, and mechanical lifts • External control input (5~24 volts AC/DC, opto-isolated) • Auto-On mode switch (adjustable audio, voltage or defeat) • Available in standard and rack-mount (RMF) versions



PART# ..... 91784  
QUANTITY ..... EACH



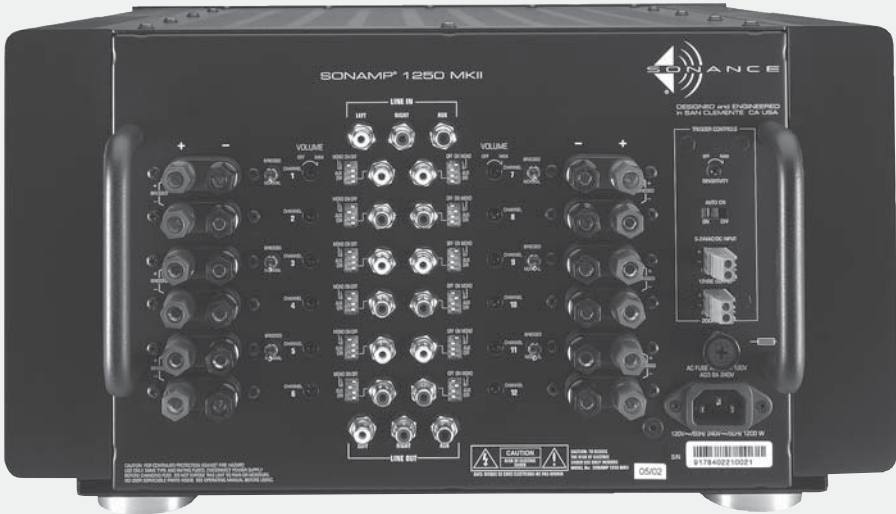
PART# (RMF) ..... 91785  
QUANTITY ..... EACH



SONAMP 1250 MKII

SPECIFICATIONS

Number of Channels:	12 (six stereo pairs)
Power Output:	50 watts RMS per channel (x 12) @ 8 ohms; (all channels driven) 75 watts RMS per channel (x 12) @ 4 ohms Power Output (bridged): 100 watts RMS per channel x 6 @ 8 ohms
Frequency Response:	20Hz – 20kHz +1/-3dB
Dynamic Headroom:	+1.9dB x 12 @ 8 ohms; +1.8dB x 12 @ 4 ohms; ±3.5dB x 6 @ 8 ohms (bridged)
Total Harmonic Distortion:	<0.03% (20Hz – 20kHz @ 8 ohms, 50 watts) <0.06% (20Hz – 20kHz @ 4 ohms, 75 watts) <0.01% (1kHz @ 8 ohms, 50 watts); <0.01% (1kHz @ 4 ohms, 75 watts)
IM. Distortion (SMPTE 4:1):	<0.01% (50 watts @ 8 ohms)
Signal-to-Noise Ratio:	-100dB (w/22kHz A-WTG filter)
Input Sensitivity:	700 millivolts for 50 watts RMS @ 8 ohms
Input Impedance:	20k ohms
Power Consumption:	1800 watts maximum (4 ohms, full power); 8 watts idle (no signal)
AC Fuse:	15A (3AG 15A~120V)
Heat Output:	930 BTU/HR (8 ohms, rock music) 1395BTU/HR (4 ohms, rock music)
Dimensions (W x H x D):	16¾" x 9½" x 16½" (425mm x 241mm x 420mm)
RMF Dimensions (W x H x D):	19" x 8¾" x 16½" (483mm x 222mm x 420mm)
Rack Space Requirements:	5U
Shipping Weight:	55 lbs (25kg)



PART# ..... 141020  
QUANTITY ..... EACH

SONAMP 1250 MKII RMF FACEPLATE ONLY

Rack-mount faceplate converts 1250 MKII to 1250 MKII RMF



## SONAMP MULTI-CHANNEL AMPLIFIERS

**SONAMP 1230 SPECIAL FEATURES** 30 watts RMS x 12 @ 8 ohms, 45 watts RMS x 12 @ 4 ohms • Bridgeable to 60 watts RMS x 6 @ 8 ohms • Configurable input signal routing (left, right, aux and direct) with gold-plated connectors • 5-way binding post speaker connectors • Discrete volume control for each channel • Buffered outputs (left, right and aux busses) allows expansion to

24/36/48 channels • Switched 12VDC output controls external devices such as screens, relay boxes, and mechanical lifts • External control input (5~24 volts AC/DC, opto-isolated) • Auto-On mode switch (adjustable audio, voltage or defeat) • Available in standard and rack-mount (RMF) versions, both in 120V and 230V

### SONAMP 1230

#### SPECIFICATIONS

Number of Channels:

12 (six stereo pairs)

Power Output:

30 watts RMS per channel (x 12) @ 8 ohms  
(all channels driven) 45 watts RMS per channel (x 12) @ 4 ohms

Power Output (bridged):

60 watts RMS per channel (x 6) @ 8 ohms

Frequency Response:

20Hz – 20kHz  $\pm 1$ dB

Total Harmonic Distortion:

<0.03% 20Hz – 20kHz @ 8 ohms (30W RMS)

<0.10% 20Hz – 20kHz @ 4 ohms (45W RMS)

IM. Distortion: (SMPTE 4:1):

<0.01% @ 30 watts, 8 ohms

Signal to Noise Ratio:

-100dB (w/22kHz A-WTG filter)

Input Sensitivity:

700 millivolt for 30 watts RMS @ 8 ohms

Input Impedance:

20k ohms

Power Consumption:

1400 watts maximum (4 ohms, full power);

8 watts idle (no signal)

AC Fuse (120V Version):

10A (F10AL~250V)

AC Fuse (230V Version):

5A (F5AL~250V)

Heat Output:

558 BTU/hour (8 ohms, rock music)

837 BTU/hour (4 ohms, rock music)

Dimensions (W x H x D):

16 $\frac{3}{4}$ " x 5 $\frac{3}{4}$ " x 16 $\frac{1}{2}$ " (425mm x 146mm x 419mm)

RMF Dimensions (W x H x D):

19" x 5 $\frac{1}{4}$ " x 16 $\frac{1}{2}$ " (482mm x 133mm x 419mm)

Rack Space Requirements:

3U

Shipping Weight:

47 lbs (21.4kg)



PART# (120V).....91779  
QUANTITY .....EACH

PART# (230V).....91781  
QUANTITY .....EACH



PART# (RMF, 120V)....91780  
QUANTITY .....EACH

PART# (RMF, 230V)....91782  
QUANTITY .....EACH



### SONAMP 1230 RMF FACEPLATE ONLY

Rack-mount faceplate converts 1230 to 1230 RMF

PART# ..... 141016  
QUANTITY ..... EACH

## SONAMP TWO-CHANNEL AMPLIFIERS

**SONAMP 275 SE SPECIAL FEATURES** 75 watts RMS x 2 @ 8 ohms, 125 watts RMS x 2 @ 4 ohms, 135 watts RMS x 2 @ 2.6 ohms • Bridgeable to 270 watts @ 8 ohms (275 SE only) • Factory-installed BBE SAT® module • Built-in connections and switching for 3 speaker pairs (275X3 SE only) • Defeatable high-pass filter (-3dB @ 27Hz) protects in-wall volume controls • Control voltage can trigger BBE effect on/off and change effect amount • BBE status LEDs • Line level outputs for daisy-chaining multiple amplifiers • Tamper-resistant, recessed power switch prevents accidental

turn-off • Recessed input level and auto-on sensitivity controls • Selectable auto-on delay prevents current surge when using multiple amplifiers • Ground lift switch • High-current amplifier topology can operate at 2.6 ohms • Defeatable auto-on signal sensing • Active current limit, short-circuit and speaker protection • Signal preset LEDs • Protect/clipping LEDs for easy level setup • Auto-resetting thermal protection shutoff • In-rush current-limiting circuit • Available in standard and rack-mount (RMF) versions • Available in 120V and 230V versions (275X3 SE only available in 120V)



**BBE**

PART# (120V).....92187  
QUANTITY .....EACH

PART# (230V).....92191  
QUANTITY .....EACH

PART# (RMF, 120V).....92188  
QUANTITY .....EACH

PART# (RMF, 230V)....92192  
QUANTITY .....EACH



### SONAMP 275 SE

#### SPECIFICATIONS

Number of Channels:

Power Output:  
(both channels driven)

Power Output (bridged):

Power Output (bridged, 1kHz):

Frequency Response:

Total Harmonic Distortion:  
(stereo mode)

Signal-to-Noise Ratio:  
Input Sensitivity:

Power Consumption:

AC Fuse (120V Version):

AC Fuse (230V Version):

Heat Output:

Dimensions (W x H x D):

Dimensions w/Rack Ears (W x H x D):

Rack Space Requirements:

Shipping Weight:

2 (one stereo pair)

75 watts RMS (x 2) @ 8 ohms;

135 watts RMS (x 2) @ 4 ohms;

175 watts RMS (x 2) @ 2.6 ohms

250 watts RMS (x 1) @ 8 ohms

270 watts RMS (x 1) @ 8 ohms

20Hz – 20kHz ±1dB (hi-pass filter OFF)

-3dB @ 27Hz (hi-pass filter ON)

<0.05% (20Hz – 20kHz @ 8 ohms);

<1.0% (20Hz – 20kHz @ 4 ohms);

<0.2% (20Hz – 20kHz @ 2.6 ohms)

-100dB (w/22kHz A-WTG filter)

700mv for 75 watts RMS @ 8 ohms;

550mV w/BBE ON +6dB;

350mV w/BBE ON +9dB

800 watts maximum (2.6 ohms, full power);

6 watts idle (no signal)

5A (T5AL~250V)

2.5A (T2.5AL ~250V)

232 BTU/HR @ 8 ohms (rock music)

418 BTU/HR @ 4 ohms (rock music)

542 BTU/HR @ 2.6 ohms (rock music)

16<sup>3</sup>/<sub>4</sub>" x 3<sup>7</sup>/<sub>8</sub>" x 15<sup>1</sup>/<sub>4</sub>" (425mm x 98mm x 387mm)

19" x 3<sup>7</sup>/<sub>8</sub>" x 15<sup>1</sup>/<sub>4</sub>" (483mm x 98mm x 387mm)

2U

24 lbs (10.9kg)



### SONAMP 275X3 SE

Identical to the 275 SE, with the addition of three built-in speaker switches for increased flexibility. Bridging not available. Available only in 120V version.

**SPECIFICATIONS** (Identical to 275 SE)



PART#.....92189  
QUANTITY .....EACH

PART# (RMF) .....92190  
QUANTITY .....EACH

## SONAMP TWO-CHANNEL AMPLIFIERS

**SONAMP 2120T MKII SPECIAL FEATURES** 120 watts RMS x 2 @ 8 ohms, 160 watts RMS x 2 @ 4 ohms • Line-level outputs for daisy-chaining multiple amplifiers • Defeatable high-pass filter (-3dB @ 27Hz) protects in-wall volume controls • Ground lift switch • High-current amplifier topology • Defeatable auto-

on signal sensing • Active current limit, short-circuit and speaker protection • Recessed front-panel volume controls • Auto-resetting thermal protection shutoff • In-rush current-limiting circuit • Available in standard and rack-mount (RMF) versions, both in 120V and 230V

### SONAMP 2120T MKII

#### SPECIFICATIONS

Number of Channels:	2 (one stereo pair)
Power Output	120 watts RMS (x 2) @ 8 ohms;
(both channels driven):	160 watts RMS (x 2) @ 4 ohms
Dynamic Power at Clipping:	163 watts (x 2) @ 8 ohms;
	242 watts (x 2) @ 4 ohms
Frequency Response:	20Hz – 20kHz $\pm 0.25$ dB (hi-pass filter OFF)
	-3dB @ 27Hz (hi-pass filter ON)
Total Harmonic Distortion:	0.05% 20Hz – 20kHz @ 8 ohms (120 WRMS);
	0.1% 20Hz to 20kHz @ 4 ohms (160 WRMS)
I.M. Distortion (SMPTE 4:1):	0.02% @ 1 watt (8 ohms);
	0.02% @ 120 watts (8 ohms)
Signal-to-Noise Ratio:	-100dB (w/22kHz A-WTG filter)
Input Sensitivity:	1.1V for 120 watts RMS @ 8 ohms;
	1.0V for 100 watts RMS @ 8 ohms
Input Impedance:	47k ohms
Power Consumption:	750 watts maximum (4 ohms, full power);
	6 watts idle (no signal)
AC Fuse (120V Version):	10A (3AG 10A ~ 250V)
AC Fuse (230V Version):	5A (3AG 5A ~ 250V)
Heat Output:	372 BTU/HR @ 8ohms (rock music)
	496 BTU/HR @ 4ohms (rock music)
Dimensions (W x H x D):	16 <sup>3</sup> / <sub>4</sub> " x 5 <sup>5</sup> / <sub>8</sub> " x 12 <sup>5</sup> / <sub>8</sub> " (425mm x 143mm x 321mm)
RMF Dimensions (W x H x D):	19" x 5 <sup>1</sup> / <sub>4</sub> " x 12 <sup>5</sup> / <sub>8</sub> " (483mm x 133mm x 321mm)
Rack Space Requirements:	3U
Shipping Weight:	26 lbs (11.8kg)



PART# (120V).....91122  
QUANTITY .....EACH

PART# (230V).....91602  
QUANTITY .....EACH



PART# (RMF, 120V)....91131  
QUANTITY .....EACH

PART# (RMF, 230V)....91649  
QUANTITY .....EACH



## SONAMP ASAP TWO-CHANNEL AMPLIFIERS

**SONAMP ASAP3D SE SPECIAL FEATURES** Automatic House/Local source switching • Highly efficient ICEpower digital amplification • BBE sound enhancement • IR-controllable (volume, muting, BBE ON/OFF, input switching) • Defeatable high-pass filter (-3dB @ 27Hz) protects in-wall volume controls • 12V input and output triggers • Defeatable auto-on signal sensing • AC triggering (via rear-panel connection) • Mono

fixed/variable output allows connection of a powered subwoofer • Recessed front-panel volume controls • House/Local source switching delay and audio trigger sensitivity adjustments • IR pass-thru connection passes 3rd-party control signals to optional IR emitters • IR Bus connection links IR signals from multiple ASAP3D SEs to a single set of emitters • 1U rack height, 1/2-rack width • Available in 120V and 230V versions

### ASAP3D SE

#### SPECIFICATIONS

Number of Channels:	2 (one stereo pair)
Power Output:	25 watts RMS (x 2) @ 8 ohms; 50 watts RMS (x 2) @ 4 ohms
Frequency Response:	20Hz – 20kHz +1/-3dB (hi-pass filter OFF) -3dB @ 27Hz (hi-pass filter ON)
Total Harmonic Distortion:	0.10% (1kHz, 8 ohms); 0.25% (1kHz, 4 ohms)
Signal to Noise Ratio:	-94dB (w/22kHz A-WTG filter); -88dB (with AC-sensing trigger)
Input Sensitivity:	900mV for 25W RMS output 700mV w/BBE ON (+3dB) 500mV w/BBE ON (+6dB)
Input Impedance:	13k ohms
Max Source Input Voltage:	2.3VAC RMS; 1.3VAC RMS w/BBE ON
Power Consumption:	250 watts maximum (4 ohms, full power); 17 watts idle (no signal)
Heat Output:	28 BTU/HR @ 8 ohms (rock music); 55 BTU/HR @ 4 ohms (rock music)
AC Fuse (120V Version):	2A (T2AL ~ 250V);
AC Fuse (230V Version):	1.25A (T1.25AL ~250V)
Dimensions (W x H x D):	9 1/2" x 1 3/4" x 12 1/2" (241mm x 45mm x 318mm)
Rack Space Requirements:	1U (1/2-rack width)
Shipping Weight:	7.0 lbs (3.2kg)



PART# (RMF, 120V)....92446  
QUANTITY .....EACH

PART# (RMF, 230V)....92447  
QUANTITY .....EACH

RACK FILLER PANEL  
(1U H x 1/2-RACK W)  
PART# .....92729  
QUANTITY .....EACH



## SONAMP ASAP TWO-CHANNEL AMPLIFIERS

**SONAMP ASAP1D SPECIAL FEATURES** Automatic House/Local source switching • Local source line-level and speaker-level connections • House source speaker-level connections • Mono line output connects to powered subwoofers

• Auto-on signal sensing • Video Trigger connection • House/Local source switching delay and audio trigger sensitivity adjustments • Included mounting kit permits wall-mounting

### ASAP1D

#### SPECIFICATIONS

Number of Channels:	2 (one stereo pair)
Output Power:	25 watts RMS per channel, 0.10% THD, 1kHz, @8 ohms 35 watts RMS per channel, 0.25% THD, 1kHz, @4 ohms
Frequency Response:	20Hz – 20kHz +1/-3dB
Signal-to-Noise Ratio:	-95dB (w/22kHz A-WTD filter)
Input Sensitivity:	485mV for 25W RMS output
Input Impedance:	47k ohms
Max. Source Voltage Input:	2.3VAC RMS
Power Consumption:	140 watts maximum (4 ohms, full power); 18 watts idle (no signal)
Heat Output:	43 BTU/hr @8 ohms (rock music) 60 BTU/hr @4 ohms (rock music)
Dimensions (W x H x D):	12 5/8" x 3" x 4 5/8" (321mm x 77mm x 118mm)
Shipping Weight:	7 lbs (3.2kg)



PART# ..... 90758  
QUANTITY ..... EACH





## SONANCE HOME AUDIO SYSTEMS

The C4630 SE can play any of four different audio sources in up to six different zones at the same time and gives you easy, logical control of both the system's audio sources and the sound in each room. The C4630 SE is controlled by C4630 SE Main and Numeric Keypad Controllers (available separately) or by the Sonance Navigator® K2 and K1 keypads. Extensive macro programming allows complex C4630 SE and source component functions to be accomplished with a single button push. Up to four C4630 SEs can be linked to create systems of up to 24 zones with the same simplicity of control. The C4630 SE can also be serial-controlled by third-party control systems via its RS-232 connection.

### SONANCE C4630 SE HOME AUDIO SYSTEM

**SPECIAL FEATURES** Four-source, six-zone, distributed audio matrix and control system • Six zone speaker-level stereo outputs • Four source inputs and four buffered line-level audio outputs • Six zone line-level audio outputs (fixed or variable) • Individual BBE sound enhancement for each of the 4-source inputs • Paging input connections • Connections for up to six Sonance keypad controllers • Sonance Control Manager

programming software CD-R and upgrade cable included

- Extensive macro capability
- RS-232 port for external serial control
- Extensive IR outputs (Six zone-specific, four common, four programmed)
- Sync connections link multiple C4630 SE units for unified control in expanded systems
- Upgradable firmware
- Optional IR remote
- Rack ears included
- Available in 120V and 230V versions

### C4630 SE HOME AUDIO SYSTEM

#### SPECIFICATIONS:

Number of Channels:	12 (6 stereo zones)
Power Output:	30 watts RMS/ch x 12 @ 8 ohms
Frequency Response:	20Hz – 20kHz ±1dB
Total Harmonic Distortion:	0.1% (20Hz – 20kHz); 0.05% (1kHz)
Signal-to-Noise Ratio:	-95dB
Source Input Sensitivity/Impedance:	200mV/30k ohms
Source Input Voltage (max):	2.0VAC RMS
Source Output Impedance:	100 ohms (buffered)
Zone Line Output Impedance:	100 ohms
Zone Line Output Level (Fixed):	1:1 (unity gain)
Zone Line Output Level (Variable):	0dB ~ +19dB (all volume settings at maximum)
Source Inputs:	4 stereo RCA connectors
Source Loop Outputs:	4 stereo RCA connectors
Zone Line Outputs:	6 stereo RCA connectors
Speaker Outputs:	6 removable 4-pin screw connectors
Paging Connections:	1 mono RCA (input) 1 mono RCA (output)
Keypad Connections:	6 RJ45 connectors
IR Outputs:	6 zone-specific, 4 common, 4 programmable, 1 IR link
Serial Control:	RS-232 connector
Serial Protocol (Inbound):	19,200 baud, 8, N, 1
Serial Protocol (Outbound):	Adjustable
Sync Connections:	Two mono 3.5mm connectors
Computer Connection:	1 x USB
Heat Output:	603 BTU/HR @ 8 ohms (rock music)
Power Requirements:	120VAC, 60Hz
Power Consumption:	960 watts maximum (12 channels driven)
AC Convenience Outlets:	2 switched outlets
Dimensions (W x H x D):	16¾" x 6" x 15" (425mm x 152mm x 381mm)
Dimensions w/Rack Ears (W x H x D):	19" x 6" x 15" (489mm x 152mm x 381mm)
Rack Space Requirements:	3U
Shipping Weight:	33 lbs (15kg) each



**BBE®**

PART# (120V)..... 92293  
QUANTITY ..... EACH

PART# (230V)..... 92294  
QUANTITY ..... EACH





PART#..... 92295  
QUANTITY ..... EACH

### C4630 SE MAIN KEYPAD

In-wall keypad for C4630 SE. Four interchangeable Source buttons, Volume Up/Down, Mute, and Off buttons. Three control levels (press, double-press, press-and-hold). Offers extensive macro capability from any button. Built-in holster can accept FSMR1 or MR1 IR receiver (available separately). Adjustable backlighting (defeatable). Source buttons can be renamed with included button membranes. Installs in a standard single gang electrical box.

#### SPECIFICATIONS:

Controls:	Source select (1 – 4), volume up/down, mute, off, source control (forward, backward, pause, play)
Keypad Connection:	RJ45
Backlight Levels:	Bright, dim, off
Wall Plate Bezel Color:	White (included)
Compatible IR Receivers:	FSMR1, MR1 (available separately)



PART#..... 92296  
QUANTITY ..... EACH

### C4630 SE NUMERIC KEYPAD

In-wall slave keypad for C4630 SE Main Keypad. Has numeric 1 – 0, “+” and “-” buttons. Three control levels (press, double-press, press-and-hold). Offers extensive macro capability from any button. Installs in a standard double gang electrical box (along with a C4630 SE Main Keypad).

#### SPECIFICATIONS:

Controls:	Numeric 1 – 0, +, -
Backlight levels:	Bright, dim, off (slaved to C4630 SE Main Keypad)
Keypad connection:	15-pin ribbon (connects to C4630 SE Main Keypad)
Wall Plate bezel color:	White (included)



PART#..... 92297  
QUANTITY ..... EACH

### C4630 SE IR REMOTE CONTROL

IR remote control that duplicates all C4630 SE Main and Numeric Keypad functions, plus “All OFF” and “OK” buttons. Operates via FSMR1 or MR1 IR receiver installed in a C4630 SE Main Keypad.

#### SPECIFICATIONS:

Local-Zone Controls:	Volume, source, mute, off
All-Zone Controls:	All-On, All-Off (“Party Mode”)
Numeric Controls:	0 – 9, “+”, “-”
Source Component Controls:	Play, pause, forward, backward, OK (will mirror keypad programming)



PART#..... 92340  
QUANTITY ..... 1 SHEET

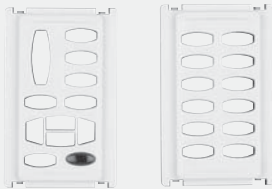
### C4630 SE MAIN KEYPAD MEMBRANE KIT

Replacement for the button membrane included with the C4630 SE Main Keypad. Contains 66 popular source components that let you customize keypads for the particular sources used in the C4630 SE system.



C4630 SE MAIN AND NUMERIC KEYPAD FACEPLATE KITS

Includes keypad bezel insert and Decora faceplate. Shipped 6 per package.



- FOR MAIN KEYPAD  
PART# (WHITE)..... 92345  
PART# (IVORY) ..... 92346  
PART# (ALMOND) . 92347  
PART# (BROWN) ... 92348  
PART# (BLACK)..... 92349  
QUANTITY (ALL).... 6-PACK
- FOR NUMERIC KEYPAD  
PART# (WHITE)..... 92350  
PART# (IVORY) ..... 92351  
PART# (ALMOND) . 92352  
PART# (BROWN) ... 92353  
PART# (BLACK)..... 92354  
QUANTITY (ALL).... 6-PACK

RJ-45 2-FEMALE TO 1-MALE ADAPTER

Permits connecting two C4630 SE Main/Numeric keypad sets to a single C4630 SE zone keypad connection.



- PART# ..... 92355  
QUANTITY ..... EACH

## SONANCE KEYPAD CONTROLLERS

Sonance Navigator K2 and K1 programmable keypads provide the installer with flexible control options for the C4630 SE Home Audio System. The K2 features hard-key and soft-key operation, providing sophisticated control options. The K1 features hard-key operation that simplifies programming and provides more basic control options. Both keypads are programmed by the simple and easy-to-use K1/K2 Program Manager software. Shallow depth of less than two inches allows use in international installations.

### SONANCE NAVIGATOR K2 PROGRAMMABLE KEYPAD CONTROLLER

**SPECIAL FEATURES** Fits in most standard new construction double-gang electrical boxes • Self-mounts in retrofit installations with integral dog-toggles • High-contrast, high viewing-angle 64 x 128 pixel black and white LCD display with white LED backlighting • Backlit source buttons • Built-

in IR receiver • Includes 72 additional hard-source button membranes • Power button glows red, green, or orange to indicate zone power status • Navigator K1/K2 programming software is downloadable from [www.sonance.com](http://www.sonance.com)



PART#..... 91975  
QUANTITY ..... EACH



#### NAVIGATOR K2

Includes programming cable and white wall plate.

##### SPECIFICATIONS

Hard-Key Buttons:

Volume up/down, channel up/down, power on/off, six programmable function/source buttons

LCD Touchscreen:

64 x 128 pixel, high-contrast

IR Output:

1 (200mA)

RS-485 Connection:

1 (half-duplex RJ45 connection for future capabilities — not active at press time)

Power Sense Input:

1 (monitored)

Relay Output:

1 (100mA)

Auxiliary Input:

1 (monitored)

Keypad Sync I/O Port:

1 (syncs multiple keypads to the same page/source)

Power Requirement:

12V DC at 250mA

Dimensions (W x H x D):

4 $\frac{1}{2}$ " x 4 $\frac{1}{2}$ " x 1 $\frac{13}{16}$ " (114mm x 114mm x 46.5mm)

In-Wall Dimensions (W x H x D):

3 $\frac{11}{16}$ " x 3 $\frac{1}{4}$ " x 1 $\frac{13}{16}$ " (93mm x 82mm x 46.5mm)

### SONANCE NAVIGATOR K1 PROGRAMMABLE KEYPAD CONTROLLER

**SPECIAL FEATURES** Single-gang, shallow-depth for easy installation • Hard-key function buttons are easy to use and program • Flexible programming capabilities for use with a majority of control systems • Six fully-programmable function/source buttons for component control • Dedicated

volume, channel, and power buttons • Easily programmable with Navigator K1/K2 programming software • Includes programming cable • Includes extra button membranes for simple customization



PART#..... 92001\*  
QUANTITY ..... EACH



#### NAVIGATOR K1

Includes programming cable and white wall plate.

##### SPECIFICATIONS

Hard-Key Buttons:

Volume up/down, channel up/down, power on/off, six programmable function/source buttons

IR Output:

1 (200mA)

IR Pass-Through:

1

RS-485 Connection:

1 half-duplex RJ45 connection for future capabilities (not active at press time)

Power Sense Input:

1

Speaker Relay Trigger Output:

1

Keypad Sync Port:

1 (input/output)

Programming Port:

1 (3-pin, serial)

Size:

Fits single-gang J-Box or P-Ring

Color:

Decora white

NAVIGATOR K2 MEMBRANE KIT

72 buttons per kit.



PART# ..... 91949  
QUANTITY ..... EACH

NAVIGATOR K2 WALL PLATES

Available in black, almond, ivory and white. Sold in 6 packs.



PART# (BLACK)..... 91945  
PART# (ALMOND) . 91946  
PART# (IVORY) ..... 91947  
PART# (WHITE)..... 91948  
QUANTITY ..... 6-PACK

NAVIGATOR K1 WALL PLATES\*

Available in black, almond, ivory and white. Sold in 6 packs.

\*While supplies last.



PART# (WHITE)..... 92058  
PART# (BLACK)..... 92059  
PART# (ALMOND) . 92060  
PART# (IVORY) ..... 92061  
QUANTITY ..... 6-PACK

## SONANCE SPEAKER DISTRIBUTION SYSTEMS

Independent volume control, impedance matching systems and accessories. All are designed to distribute speaker level signals from an amplifier or receiver to up to four pairs (SS4 and SS4VC) or six pairs (SS6 and SS6VC) of speakers and single-pair volume controls. SSVC speaker selectors feature independent 12-step volume controls and are designed to connect four and six pairs of speakers to one receiver or amplifier. Each pair of speakers can be independently turned on or off by a flush-mount switch. All products are boating and RV compatible.

### SONANCE SPEAKER DISTRIBUTION SYSTEMS

**SPECIAL FEATURES** Quick install with new screwless quick connectors • Advanced amplifier overload protection • Defeatable impedance-protection circuit • User-friendly

button labels to customize ON/OFF buttons with the corresponding area • Rack-mount ears included with all models



PART#..... 91932  
QUANTITY ..... EACH

#### SS6VC SPEAKER SELECTOR WITH VOLUME CONTROL

##### SPECIFICATIONS

Speaker Outputs:	6 stereo pairs (14 AWG wire capacity)
Volume Control Type:	12-position light-touch silent rotary switch ("Make Before Break")
Total Attenuation:	-42dB
Attenuation Steps:	Top 7 steps are -3dB per step, lowest 4 steps are -6dB per step
Frequency Response:	20Hz – 20kHz ±1dB
Speaker Impedance:	8 ohms per zone
Power Rating:	75 watts RMS maximum input per channel
Dimensions (W x H x D):	16 <sup>7</sup> / <sub>8</sub> " x 1 <sup>3</sup> / <sub>4</sub> " x 10 <sup>1</sup> / <sub>4</sub> " (429mm x 45mm x 260mm)
RMF Dimensions (W x H x D):	19" x 1 <sup>3</sup> / <sub>4</sub> " x 10 <sup>1</sup> / <sub>4</sub> " (483mm x 45mm x 260mm)
Rack Space Requirements:	1U (Rack ears included)



PART#..... 91931  
QUANTITY ..... EACH

#### SS4VC SPEAKER SELECTOR WITH VOLUME CONTROL

##### SPECIFICATIONS

(Identical to SS6VC except):

Speaker Outputs:	4 stereo pairs (14 AWG wire capacity)
------------------	---------------------------------------



PART#..... 91369  
QUANTITY ..... EACH

#### SS6 SPEAKER SELECTOR

##### SPECIFICATIONS

Speaker Outputs:	6 stereo pairs (12AWG wire capacity)
Source Input:	1 (speaker-level)
Power Handling Capacity:	120W/ch without protection engaged; 40W/ch with protection engaged
Speaker Protection:	Manual slide switch on bottom of switcher — maintains a 5-ohm load to protect the amplifier
Ground Paths:	Separate left and right channel (ensures compatibility with all amps, even bridged)
Dimensions (W x H x D):	11 <sup>1</sup> / <sub>4</sub> " x 2" x 7" (286mm x 51mm x 178mm)
Shipping Weight:	3 lbs (1.4kg)



PART#..... 91368  
QUANTITY ..... EACH

#### SS4 SPEAKER SELECTOR

##### SPECIFICATIONS

(Identical to SS6 except):

Speaker Outputs:	4 stereo pairs (12AWG wire capacity),
Dimensions (W x H x D):	8 <sup>1</sup> / <sub>2</sub> " x 2" x 7" (286mm x 51mm x 178mm)

# SONANCE IMPEDANCE-MATCHING VOLUME CONTROLS

When properly implemented, the VC60SIM and VC60RIM impedance-matching stereo volume controls allow the safe use of multiple pairs of speakers with amplifiers not specifically designed to run the low-impedance loads presented by multiple speakers. They all feature 12 control positions, soft-touch action and silent switching capability. The VC60RIM incorporates a rotary control; the VC60SIM incorporates a slider control. The VC60SIM and VC60RIM can be safely used with amplifiers that deliver up to 60 watts RMS per channel.

## SONANCE IMPEDANCE-MATCHING VOLUME CONTROLS

- SPECIAL FEATURES** Allows attenuation of amplifier volume to one pair of speakers • Impedance jumpers allow up to 8 speaker/volume control sets (8-ohm speakers) to be safely used with a single 8-ohm capable amplifier • Impedance jumpers can also be used to balance maximum output levels in different-sized rooms • Handles high-current signal from amplifiers up to
- 60W RMS/ch, (unlike L-pads which dissipate current in the form of heat) • Removable 4-pin screw connectors simplify speaker and amplifier wiring • Fits standard single or double J-boxes (with back panel removed) • Includes Decora (both models) and standard (VC60RIM) mounting hardware

### VC60SIM 60-WATT IMPEDANCE-MATCHING VOLUME CONTROL – SLIDER

Includes Decora wall plate.

#### SPECIFICATIONS

Speaker Impedance:	8 ohms
Amplifier Impedance:	8 ohms (X1 setting); 16 ohms (X2 setting); 32 ohms (X4 setting); 64 ohms (X8 setting)
Connections:	4-pin screw terminals (14 AWG wire capacity)
Frequency Response:	20Hz – 20kHz ±1dB
Power Rating:	60 watts RMS maximum input/channel
Shipping Weight:	2 lbs (0.9kg)



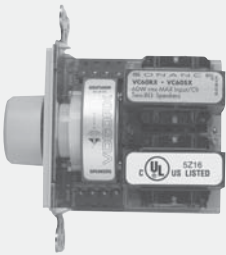
PART# (WHITE)..... 92161  
QUANTITY ..... EACH



### VC60RIM 60-WATT IMPEDANCE-MATCHING VOLUME CONTROL – ROTARY

Rotary version of VC60SIM. Includes standard and Decora wall plates.

**SPECIFICATIONS** (Identical to VC60SIM)



PART# (WHITE)..... 92158  
QUANTITY ..... EACH



### REPLACEMENT IMPEDANCE JUMPERS

Replacement for VC60RIM/SIM impedance jumpers. Sold in packs of six.

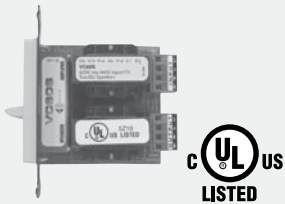


PART# ..... 70089  
QUANTITY ..... 6-PACK

SONANCE STANDARD VOLUME CONTROLS

Models that are boxed include plate and hardware • Models that are retail packaged are individually packaged in a clamshell. Includes standard and Decora wall plates, plaster ring, and hardware

SONANCE STANDARD VOLUME CONTROLS



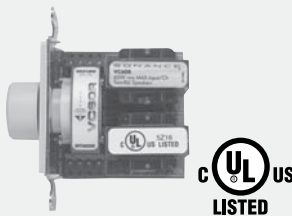
PART# (WHITE)... 91521  
QUANTITY ..... EACH

VC60S 60-WATT VOLUME CONTROL – SLIDER (BOXED)

This 12-step, high-quality autoformer volume control features a Decora-style slide switch and silent slide action. It allows the attenuation or balancing of amplifier volume to one pair of speakers. The top position is a straight through, parallel connection to the amplifier; the bottom position is OFF. The “make before break” switch action results in smooth transitions between steps. Fits single-gang backless retrofit boxes and standard plaster rings. Boating and RV compatible. Decora style. Available in white. Individually boxed.

SPECIFICATIONS

Power Rating:	60 watts RMS maximum input/channel
Total Attenuation:	-42dB
Attenuation Steps:	Top 6 steps are -3dB per step, lowest 4 steps are -6dB per step; last step is OFF
Speaker Impedance:	8 ohms
Frequency Response:	20Hz – 20kHz ± 1dB
Connections:	Labeled quick-disconnect screw-to-connect terminals on circuit board, 20-14 AWG capacity
Dimensions (W x H x D):	1 5⁄8" x 4" x 3" (41mm x 102mm x 76mm)
Shipping Weight:	2 lbs (0.9kg)

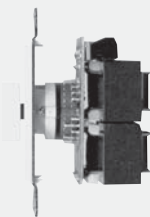


PART# (WHITE)... 91505  
QUANTITY ..... EACH

VC60R 60-WATT VOLUME CONTROL – ROTARY (BOXED)

Rotary version of VC60S. Decora style. Available in white. Individually boxed.

SPECIFICATIONS *(Identical to VC60S)*



PART# (WHITE)... 91497  
QUANTITY ..... EACH

VC30R 30-WATT VOLUME CONTROL – ROTARY (BOXED)

This high-quality autoformer volume control with 10-position light-touch switch allows the attenuation or balancing of amplifier volume to one pair of speakers. The full-clockwise position is a straight-through connection to the amplifier; the full counter-clockwise position is OFF. The “make before break” switch action results in smooth transitions between steps. Fits all single-gang backless retrofit boxes and standard plaster rings. UL/CE Listed. Boating and RV compatible. Decora style. Available in white. Individually boxed.

SPECIFICATIONS

Power Rating:	30 watts RMS maximum input/channel
Total Attenuation:	-30dB
Attenuation Steps:	Top 7 steps are -3dB per step; lowest 2 steps are -6dB per step; last step is OFF
Speaker Impedance:	8 ohms
Frequency Response:	20Hz – 20kHz ± 2dB
Connections:	Quick-disconnect screw terminal, 20-14 AWG wire capacity
Dimensions (W x H x D):	1 3⁄4" x 4" x 2 3⁄4" (44mm x 102mm x 76mm)
Weight:	1 lbs (0.45kg)



SONANCE STANDARD VOLUME CONTROLS

ODVC60 60-WATT OUTDOOR VOLUME CONTROL

Completely weatherproof 60-watt volume control encased in a plastic enclosure.

SPECIFICATIONS

Power Rating:	60 watts/channel
Switch Type:	10-position light-touch switch
Frequency Response:	20Hz – 20kHz ±2dB
Speaker Impedance:	8 ohms
Dimensions (W x H x D):	1¾" x 4" x 2¼" (44mm x 102mm x 76mm)

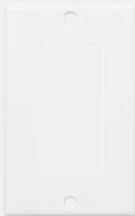


PART# ..... 91903  
QUANTITY ..... EACH

WALL PLATES

DECORA TRIM PLATES

Available in white. Shipped 6 per package.



PART# (WHITE).... 92164\*  
QUANTITY ..... 6-PACK

\* While supplies last

SONANCE AUDIO/VIDEO AUTOMATION

PROVIDING INVISIBLE SOLUTIONS FOR YOUR A/V SWITCHING NEEDS The AL2 and AS2 allow automatic switching from a main source to a remote source, such as between whole-home audio system and a local TV. The AL2 operates at line level, while the AS2 operates at speaker level. They default to Source A while monitoring Source B. When Source B is ON the device switches to Source B until a signal is no longer present. It then switches back to Source A.

A/V AUTOMATIC SWITCHERS

**SPECIAL FEATURES** Switching time from Source B back to Source A is adjustable, from approximately three seconds up to three minutes • Sensitivity adjustment compensates for different source input signal levels • Control output links AL2/S and AS2/S slave switchers to AL2 and AS2 • LEDs indicate active source • Recessed mounting holes • Compatible with 3" SnapTrack® mounts



PART#..... 90484  
QUANTITY ..... EACH

AL2 AUTOMATIC LINE-LEVEL SOURCE SELECTOR

The AL2 performs automatic line-level switching. A 12V power supply is included, and DC in/out connections allow multiple Audio/Video Automation components to share a single power supply.

**SPECIFICATIONS:**  
Input and Output Signal: Unbalanced line level audio or composite video  
Input/Output Connections: Gold-plated RCA jacks  
Relay Type: High-quality, silver cadmium oxide



PART#..... 90483  
QUANTITY ..... EACH

AS2 AUTOMATIC SPEAKER-LEVEL SOURCE SELECTOR

The AS2 has the same features as the AL2, but it performs speaker-level switching.

**SPECIFICATIONS:**  
Power Rating: 100 watts RMS per channel  
Input/Output Connections: Removable quick-toggle speaker connectors  
Relay Type: High-quality, silver cadmium oxide



PART#..... 90486  
QUANTITY ..... EACH

AL2/S AUTOMATIC LINE-LEVEL SOURCE SELECTOR — SLAVE

The AL2/S is a “slave” unit that is controlled by an AL2 or AS2. It performs the same switching functions as the AL2 without requiring a power supply. It receives DC voltage and a switching trigger from the “master” AL2 or AS2 unit. The AL2/S can also be used to switch composite video signal sources when used in conjunction with an AL2 or AS2 that is used for audio.

**SPECIFICATIONS:**  
Input and Output Signal: Unbalanced line level audio or composite video  
Input/Output Connections: Gold-plated RCA jacks  
Relay Type: High-quality, silver cadmium oxide



PART#..... 90485  
QUANTITY ..... EACH

AS2/S AUTOMATIC SPEAKER-LEVEL SOURCE SELECTOR — SLAVE

The AS2/S is a “slave” unit that is controlled by an AL2 or AS2. It performs the same switching functions as the AS2 without requiring a power supply. It receives DC voltage and a switching trigger from the “master” AL2 or AS2 unit.

**SPECIFICATIONS:**  
Power Rating: 100 watts RMS per channel  
Input/Output Connections: Removable quick-toggle speaker connectors  
Relay Type: High-quality, silver cadmium oxide

## SONANCE BALANCED AUDIO SENDER/RECEIVER

The Sonance LS2 and LR2 form a system designed to send low-level audio signals long distances and in close proximity to sources of noise interference without inducing noise or high frequency roll-off in the audio signal. The active LS2 circuitry converts the unbalanced signal to a balanced configuration and sends the balanced signal to the LR2, which converts it back into an unbalanced signal. This virtually eliminates any noise picked-up over the length of the wire, leaving only the original signal. The LS2 and LR2 are always used in conjunction with each other, except when used in conjunction with equipment with balanced inputs or outputs (such as professional sound or recording equipment). In this type of system the LS2 serves as an unbalanced-to-balanced converter and the LR2 serves as a balanced-to-unbalanced converter.

### SONANCE BALANCED AUDIO SENDER/RECEIVER

#### LS2 BALANCED AUDIO SENDER\*

One LS2 sender can be used with multiple receivers (LR2 or LR1 SAT modules) if the installation requires multiple balanced drops to amplifiers or receivers in multiple locations. The LS2 includes a modular, low-voltage power supply. Recessed mounting holes allow wall mounting, and the chassis is compatible with 3" SnapTrack mounts.

##### SPECIFICATIONS:

(0dB ref = 0.775V)

THD + Noise:	<01%, 20Hz – 20kHz
Signal-to-Noise Ratio:	>-100dB (IHF-A wtd.)
Frequency Response:	20Hz – 20kHz $\pm 0.2$ dB
Input Impedance:	47k ohms (unbalanced inputs)
Power Consumption:	55mA $\pm 5\%$ @ 12VDC

\*While supplies last



PART#..... 90491  
QUANTITY ..... EACH

#### LR2 BALANCED AUDIO RECEIVER\*

Multiple LR2 receivers can be used with a single LS2 sender if the installation requires multiple balanced drops to amplifiers or receivers in multiple locations. The LR2 includes a modular, low voltage power supply. Recessed mounting holes allow wall mounting, and the chassis is compatible with 3" SnapTrack mounts.

##### SPECIFICATIONS:

(0dB ref = 0.775V)

THD + Noise:	<01%, 20Hz – 20kHz
Signal-to-Noise Ratio:	>-100dB (IHF-A wtd.)
CMRR:	>98dB (20Hz – 5kHz); >75dB (5kHz – 20kHz)
Frequency Response:	20Hz – 20kHz $\pm 0.2$ dB
Output Impedance:	60 ohms (unbalanced outputs)
Power Consumption:	30mA $\pm 5\%$ @ 12VDC

\*While supplies last



PART#..... 90490  
QUANTITY ..... EACH

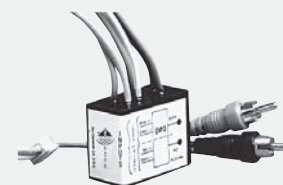
### SONANCE AUDIO/VIDEO AUTOMATION

#### OP3 SPEAKER-LEVEL TO LINE-LEVEL 30dB OUTPUT PAD

The OP3 attenuates a stereo speaker-level signal to a stereo line-level signal. It can be used to create an additional preamp-level signal from an amplifier or receiver speaker output, and it can also be used to add line-level output capability to a TV with only external speaker leads. It can be used in conjunction with a 2-female to 1-male Y-cord to sum left and right channels for monaural applications. Boating and RV compatible.

##### SPECIFICATIONS

Dimensions (W x H x D):	1 $\frac{9}{16}$ " x 1 $\frac{3}{16}$ " x 1 $\frac{3}{16}$ " (40mm x 30mm x 30mm)
Shipping Weight:	1 lbs (0.45kg)
Note: Not compatible with bridged amplifiers or floating-ground amplifiers.	



PART#..... 900346  
QUANTITY ..... 10/BAG

# SONANCE OPTILINQ IR

Sonance OptiLinQ® IR products offer a variety of convenient and reliable ways to add IR control to almost any system.

## SONANCE OPTILINQ IR RECEIVERS



PART# ..... 91343  
QUANTITY ..... EACH

### CR1 CABINET-MOUNTED INFRARED RECEIVER

This tabletop-mounted IR receiver includes a CR1 hub connecting block (easily mountable in a SnapTrack). A red talk-back LED tests system for correct wiring as well as indicating IR reception. The included 7-foot cable and 3.5mm stereo mini plug permit direct plug-in to OptiLinQ connecting blocks that have an IR RCVR or AUX jack. Boating and RV compatible.

#### SPECIFICATIONS

Nominal Reception Angle:	Up to 45° off-axis
IR Connections:	3.5mm stereo mini-plug
Long Cable Requirements:	3/24 to 200', 3/22 to 600', 3/20 to 2000', 3/18 to 5000' (unshielded OK)
Maximum Current Output:	100 milliamps
Maximum # of IR Emitters:	4 connected in series (use OptiLinQ connecting blocks for emitter expansion)
Power Handling:	12V DC @ 10 milliamps, PS1 power supply required
Receiver Dimensions (W x H x D):	3 <sup>3</sup> / <sub>4</sub> " x 1 <sup>1</sup> / <sub>8</sub> " x 3 <sup>1</sup> / <sub>8</sub> " (95mm x 29mm x 79mm)
Hub Dimensions (W x H x D):	2 <sup>3</sup> / <sub>8</sub> " x 3/4" x 3" (60mm x 19mm x 76mm)
Wire Length:	7 feet (2.1m) to junction
Shipping Weight:	10.4 oz (0.295kg)



PART# ..... 91344  
QUANTITY ..... EACH

### MR1 MICRO INFRARED RECEIVER

This small IR receiver is extremely sensitive to IR commands. An included 3-terminal block enables easy extension of the included 7-foot ribbon cable, allowing infrared to be received from up to 25 feet away. The red talk-back LED tests the system for correct wiring as well as indicating IR reception. Boating and RV compatible.

#### SPECIFICATIONS

Nominal Reception Angle:	Up to 55° off axis
IR Carrier Frequency Bandwidth:	30kHz –100kHz
Maximum Transmission Length:	1 mile (using 18-gauge wire)
Long Cable Requirements:	3/24 to 200', 3/22 to 600', 3/20 to 2000', 3/18 to 5000' (unshielded OK)
Reception Range:	<30 feet
Maximum Current Output:	100 milliamps
Maximum # of IR Emitters:	4 connected in series (use OptiLinQ connecting blocks for emitter expansion)
Mode:	Normal 3-wire mode
Power Handling:	12V DC @ 10 milliamps, PS1 power supply required
Dimensions (W x H x D):	2 <sup>7</sup> / <sub>16</sub> " x 7/16" x 5/16" (62mm x 11mm x 8mm)
Wire Length:	7 feet (2.1m) to junction
Shipping Weight:	2.5 oz (0.071kg)



PART# ..... 91345  
QUANTITY ..... EACH

### SMR1 SURFACE-MOUNT IR RECEIVER

The SMR1 is extremely sensitive to IR commands. The included 3-terminal block enables easy extension of the included 7-foot ribbon cable, allowing infrared to be received from up to 25 feet away. A red talk-back LED tests the system for correct wiring as well as indicating IR reception. Boating and RV compatible.

#### SPECIFICATIONS (Identical to MR1 except):

Dimensions (Dia x D):	1/2" x 2 <sup>3</sup> / <sub>8</sub> " (13mm x 60mm)
Shipping Weight:	2 oz. (0.057kg)

**SMR1P SURFACE-MOUNT IR RECEIVER**

The SMR1P is a quick-connect version of SMR1. The 7-foot cable terminates in a 3.5mm stereo mini-plug that plugs directly into OptiLinQ connecting blocks.

**SPECIFICATIONS**

Nominal Reception Angle:	Up to 55° off axis
IR Carrier Frequency Bandwidth:	30kHz – 100kHz
Maximum Transmission Length:	1 mile (using 18-gauge wire)
Long Cable Requirements:	3/24 to 200', 3/22 to 600', 3/20 to 2000', 3/18 to 5000' (unshielded OK)
Reception Range:	<30 feet
Maximum Current Output:	100 milliamps
Mode:	Normal 3-wire mode
Power Handling:	12V DC @ 10 milliamps, PS1 power supply required
Dimensions (Dia x D):	1/2" x 2 3/8" (13mm x 60mm)
Wire Length:	7 feet (2.1m) to junction
Shipping Weight:	2 oz. (0.057kg)



PART# ..... 91346  
QUANTITY ..... EACH

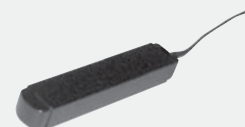
**FSMR1 FULL-SPECTRUM IR RECEIVER**

The FSMR1 is specifically designed for use with plasma televisions and other sources of IR or fluorescent interference. Features system talk-back LED. Up to 12 units may be powered by one PS1 power supply. Also features a 7-foot, 3-conductor ribbon cable with stripped and tinned ends. Use with these OptiLinQ emitters: E1, E2, VE1, VE2.

**SPECIFICATIONS**

Input IR Carrier Frequency	
Bandwidth:	Centered at 38kHz
Operational Frequency Range:	30kHz – 110kHz
Reception Range:	15 – 25 feet
Output IR Carrier Frequency:	Approximately 38.510kHz
Cable Requirements:	3-conductor, 24 to 18 gauge (unshielded OK)
Maximum Transmission Length:	1,000 ft using 18 gauge wire
Maximum Current Output:	100 mA
Power Requirements:	12V DC @ 110 mA
Dimensions (W x H x D):	7/16" x 5/16" x 2 1/8" (11.2mm x 8.5mm x 55mm)

\*While supplies last



PART# (SILVER)..... 92341\*  
PART# (BLACK)... 92222  
QUANTITY ..... EACH

**WMR1 WALL-MOUNT IR RECEIVER\***

The WMR1 fits standard-gang retro or new-construction rings, allowing in-wall mounting of the IR receiver. The IR window bezel allows for Decora-style installation. A red talk-back LED allows system testing. Boating and RV compatible.

**SPECIFICATIONS**

Nominal Reception Angle:	up to 45° off-axis
IR Carrier Frequency Bandwidth:	30kHz – 100kHz
Long Cable Requirements:	3/24 to 3/28 (unshielded OK)
Reception Range:	Up to 25 feet
Maximum Current Output:	100 milliamps
Power Handling:	12V DC @ 10 milliamps
Dimensions (W x H x D):	1 1/16" x 4 1/16" x 1" (43mm x 104mm x 25mm)
Shipping Weight:	3.8 oz (0.11kg)

\*While supplies last



PART# ..... 91347  
QUANTITY ..... EACH

## SONANCE OPTILINQ IR RECEIVERS



PART# ..... 91348  
QUANTITY ..... EACH

### E1 MINI EMITTER

The E1 can be easily placed on electronic equipment. It connects to OptiLinQ connecting blocks and C4630 SE IR ports. Includes three replacement double-sided adhesive squares and an alcohol swab. Boating and RV compatible.

#### SPECIFICATIONS

Lead Termination:	3.5mm mini plug
Wire Length:	7' (2.1m) to junction, 3' (1m) to emitter
Shell Housing:	IR Opaque shell
Shipping Weight:	1.2 oz (0.034 kg)



PART# ..... 91350  
QUANTITY ..... EACH

### E2 DUAL MINI EMITTERS

The E2 includes two mini emitters that are wired in series and can be easily placed on electronic equipment. The E2 connects to OptiLinQ connecting blocks and C4630 SE IR ports. It includes four replacement double-sided adhesive squares and an alcohol swab. Boating and RV compatible.

#### SPECIFICATIONS (Identical to E1 except):

Wire Length:	7' (2.1m) to junction, 3' (1m) to each emitter
--------------	--



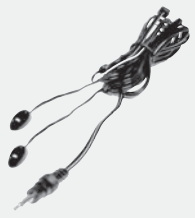
PART# ..... 91349  
QUANTITY ..... EACH

### VE1 VISIBLE IR EMITTER

This IR emitter provides a visible output indicator with a low-output level. It is suitable for controlling a single component and can be easily placed on electronic equipment. It connects to OptiLinQ connecting blocks and C4630 SE IR ports. It includes two replacement double-sided adhesive squares and an alcohol swab. Boating and RV compatible.

#### SPECIFICATIONS (Identical to E1 except):

Shell Housing:	Alternate black IR opaque shell
----------------	---------------------------------



PART# ..... 91351  
QUANTITY ..... EACH

### VE2 DUAL VISIBLE IR EMITTERS

The VE2 includes two visible mini emitters that are wired in series and provide a visible output indicator with a low output level. The can be easily placed on electronic equipment. It connects to OptiLinQ connecting blocks and C4630 SE IR ports. It includes four replacement double-sided adhesive squares and an alcohol swab. Boating and RV compatible.

#### SPECIFICATIONS (Identical to E1 except):

Shell Housing:	Alternate black IR opaque shell
Wire Length:	7' (2.1m) to junction, 3' (1m) to each emitter



PART# ..... 92884  
QUANTITY ..... EACH

### MINI EMITTER SHIELD COVER

IR emitter cover shield designed to block out ambient stray IR signals. Fits over VE-1 or EM-1 IR emitters. Attaches to component or rack surface by adhesive backing.

#### SPECIFICATIONS

Dimensions (W x H x D):	2.0" x 0.832" x 0.3" D (50.8mm x 21.13mm x 7.62mm)
-------------------------	--



**CB1 ONE-ZONE CONNECTING BLOCK**

This single-zone connecting block mounts in SnapTrack and provides jacks for an IR receiver, four IR emitters, and a power supply. Boating and RV compatible. Note: When used as an emitter expander, it does not require a power supply.

**SPECIFICATIONS**

Inputs:	1 x screw type 4-terminal plug, 1 x IR Receiver (3.5mm stereo mini jack)
Outputs:	4 parallel-driven emitter ports (3.5mm mono mini jacks)
Series Resistors:	470-ohm resistor in series with each emitter
Power Requirements:	12V DC, uses PS1 or PS2 power supply
Power Jack:	2.1mm
Dimensions (W x H x D):	2 <sup>3</sup> / <sub>8</sub> " x 3 <sup>3</sup> / <sub>4</sub> " x 3" (60mm x 19mm x 76mm)
Shipping Weight:	4.5 oz (0.127kg)



PART#..... 91353  
QUANTITY ..... EACH

**ACB1 ONE-ZONE AMPLIFIED CONNECTING BLOCK\***

Designed for installations requiring multiple IR emitters, the ACB1 provides strong IR signals for up to 10 emitters. Mounts in a SnapTrack. A side-mounted LED provides status and IR feedback information. Boating and RV compatible.

**SPECIFICATIONS**

Inputs:	1 x screw-type 4-terminal plug; 1 x IR receiver (3.5mm stereo mini jack)
Outputs:	10 x parallel-driven emitter ports (3.5mm mini jacks); 1 high-level IR signal output port (3.5mm mini jack)
Power Requirements:	12V DC, uses PS1 or PS2 Power Supply
Power Jack:	2.1mm
Series Resistors:	100 ohms or 470 ohms on each emitter output (selectable with included jumpers), for high- and low-power operation
Dimensions (W x H x D):	5 <sup>7</sup> / <sub>16</sub> " x 7 <sup>7</sup> / <sub>8</sub> " x 3" (138mm x 22mm x 76mm)
Shipping Weight:	10.2 oz (0.29kg)

\*While supplies last



PART#..... 91354  
QUANTITY ..... EACH

**CB2Z TWO-ZONE CONNECTING BLOCK\***

The CB2Z is a budget two-zone system that routes IR from each zone to a dedicated receiver or preamp. It is compatible with both the CB1 and ACB1 connecting blocks for common emitter expansion for source equipment. Mounts in a SnapTrack. Boating and RV compatible.

**SPECIFICATIONS**

Inputs:	2 x 4-screw removable connectors to interface with all 3 lead IR receivers
Outputs:	2 x zone emitter ports (3.5mm mini jacks); 1 common emitter port (3.5mm mini jack)
Power Requirements:	12V DC, uses PS1 or PS2 Power Supply
Power Jack:	2.1mm
Dimensions (W x H x D):	2 <sup>3</sup> / <sub>8</sub> " x 3 <sup>3</sup> / <sub>4</sub> " x 3" (60mm x 19mm x 76mm)
Shipping Weight:	4.5 oz (0.128kg)

\*While supplies last



PART#..... 91355  
QUANTITY ..... EACH



PART# .....91352  
QUANTITY .....EACH

### PS1 BASIC POWER SUPPLY

#### SPECIFICATIONS

Power:	Supplies 12VDC (12V regulated, 0.2A)
Plug:	2.1mm
Dimensions (W x H x D):	1 3/4" x 1 1/2" x 2 3/4" (44mm x 38mm x 70mm)
Wire Length:	6' (1.8m)
Shipping Weight:	1 lb (.45kg)



PART# .....91356  
QUANTITY .....EACH

### PS2 HIGH-CURRENT POWER SUPPLY

#### SPECIFICATIONS

Power:	Supplies 12VDC (12V regulated, 1A)
Plug:	2.1 mm
Wire Length:	6' (1.8m) from wall to power supply; 6' (1.8m) from supply to DC connector
Dimensions (W x H x D):	3 1/8" x 2 1/2" x 6" (79mm x 64mm x 152mm)
Shipping Weight:	2 lbs (0.9kg)



OPTILINQ IR PACKAGES  
QUANTITY (ALL).....EACH  
MSRP (ALL).....OPEN

PKG 1 PART# .....92439

PKG 2 PART# .....92440

PKG 3 PART# .....92441

PKG 4 PART# .....92469

INTERNATIONAL IR PACKAGES  
QUANTITY (ALL).....EACH  
PKG 2 PART# .....92831  
PKG 3 PART # .....92832  
PKG 5 PART # .....92833

### OPTILINQ IR PACKAGES

IR Package 1 Includes:	1 ea. CR1, 4 ea. E1, 1 ea. CB1, 1 ea. PS1
IR Package 2 Includes:	1 ea. MR1, 4 ea. E1, 1 ea. CB1, 1 ea. PS1
IR Package 3 Includes:	1 ea. FSMR1, 4 ea. E1, 1 ea. CB1, 1 ea. PS1
IR Package 4 Includes:	3 ea. FSMR1, 3 ea. VE2, 1 ea. E1, 1 ea. CB1, 1 ea. CB2, 2 ea. PS1

### OPTILINQ INTERNATIONAL IR PACKAGES

IR Package 2 Includes:	4 ea. E1, 1 ea. MR1, 2 ea. CB1
IR Package 3 Includes:	4 ea. E1, 1 ea. FSMR1, 1 ea. CB1
IR Package 5 Includes:	4 ea. VE1, 1 ea. MR1, 1 ea. CB1





With the invention of iPort, Sonance pioneered the integration of the iPod into residential A/V systems. By recognizing early-on the need for integrating audio and video content from an iPod, iPort has become recognized as the standard for controlling and playing iPod content. iPort is the only iPod solution that works seamlessly with a large number of popular home automation and AV control systems, providing integrators the ultimate flexibility when including iPod solutions in their projects.



## iPORT CONTROL MOUNT SERIES

iPort®, the inventor of the in-wall music system for the Apple iPod® and iPad®, continues to innovate solutions for the custom installer with Apple products.

**THE iPORT CM-IW2000P** allows an Apple iPad to be used as an in-wall touch panel providing continuous charging of the iPad and allowing a connection to a locally available wi-fi network. Supporting a variety of downloadable applications for home automation control and common applications such as weather, stocks and news; the CM2000 provides the user with control of audio, video, lighting and climate on the mounted iPad when the control application is connected to a compatible control system. The CM2000 securely mounts the iPad into the wall with an attractive and discreet frame, which is magnetically secured to the in-wall mounting assembly. Installed in a portrait or landscape orientation, the CM2000 presents the iPad in a convenient and stylish manner.

### iPORT CONTROL MOUNT SERIES

#### iPORT CM-IW2000P CONTROL MOUNT FOR iPad

##### FEATURES

- Allows wi-fi connection of the mounted iPad for downloads of apps, audio content and certain upgrades
- Connects to compatible control systems via wi-fi for operating home automation systems
- Securely supports the iPad and provides a modern, elegant appearance
- Charges the iPad while it is mounted

##### SPECIFICATIONS

Dimensions (W x H x D):	11.6" x 9.51" x 2.36" (294.6mm x 241.6mm x 59.9mm)
Cut-out Dimensions (W x H):	10.75" x 8.65" (273.1mm x 219.7mm)
System Components:	Mounting cradle assembly with magnetic faceplate, connector and charging board with RJ-45 jack, power wall plate, power supply



PART# ..... 70091  
QUANTITY ..... EACH

**THE iPORT CM-IW100T CONTROL MOUNT FOR iPod TOUCH** allows an iPod touch® to be used for home automation control and music playback. Supporting a variety of downloadable applications for control of audio, video, lighting and climate as well as traditional touch screen applications such as weather and time. The CM100 can be installed vertically or horizontally, depending upon the desired use.

An iPod touch is securely mounted into the CM100 and trimmed with a magnetic faceplate to provide in-wall access to the iPod touch's multi-touch display. Streaming music from a variety of internet sources may be played via the mounted iPod touch, turning the CM100 into a discreet in-room music source which can be easily connected to a small amplifier and speakers for a local room music system. With the audio output routed to a multi-zone audio controller, music from the CM100 can be distributed. Using a Wi-Fi connection through the mounted iPod touch, applications supported by iPod touch can be downloaded for integration with the control system that has been provided by the installer.

#### iPORT CM-IW100T CONTROL MOUNT FOR iPod TOUCH

##### FEATURES

- Secure mounting for iPod touch in either vertical or horizontal orientation
- Charging
- Audio output
- Faceplate with on/off and home button for iPod touch
- Includes magnetic faceplate, mounting cradle assembly, connector and charging board with RJ-45 jack, audio wall plate, and power supply

##### SPECIFICATIONS

Power Supply:	12 ~ 15V DC, regulated
Dimensions (W x H x D):	4.21" x 5.76" x 2.375" (106.9mm x 146.3mm x 60.3mm)
Cut-out Dimensions (W x H):	3.56" x 5.12" (90mm x 133mm)



PART# ..... 70090  
QUANTITY ..... EACH

## IPOD IN-WALL DOCKING SYSTEMS

**PLAY AN IPOD MUSIC COLLECTION THROUGHOUT THE HOME!** The iPod In-Wall Docking System allows an iPod or iPod touch to become part of a whole-home audio-video system and/or to be used as a source in a variety of local room systems. The iPod IW-2 series uses RJ-45 connections for audio, video, and power over Cat5. It installs easily using Roto-lock toggles with a small footprint and appearance similar to most light switches. Three different systems have different capabilities and components to accommodate a wide range of installation and system requirements.



### IPOD IN-WALL DOCKING SYSTEMS

**SPECIAL FEATURES** Polished ABS construction complements iPod and iPod touch styling • Designed for easy docking/undocking of iPod • Connects to wall plates with Cat5 cable via RJ-45 connectors • Allows IR control (IW-21 and IW-22) and RS-232 control (IW-22) of iPod • IW-20 and IW-21 provide unbalanced audio output for local system installations • IW-22 provides balanced audio output for long-distance system installations • Built-in

preamplifier allows variable volume control (IW-21 and IW-22) • Available upgrade kits for balanced video output (IW-21 and IW-22), balanced audio output, and RS-232 control (IW-21) • Regulated DC power supply connects to wall plate and charges iPod or iPod touch while docked • As easy to install as Sonance in-wall speakers via Roto-Lock mounting clamps • Paintable flange • For current compatibility information, visit [www.iportmusic.com](http://www.iportmusic.com)



PART#..... 70129  
QUANTITY ..... EACH

#### IPOD IW-22 IN-WALL DOCKING SYSTEM WITH RS-232 CONTROL IW-22 SYSTEM CAPABILITIES

- Delivers long-distance balanced audio up to 500 feet (152m) from the iPod.
- Built-in preamplifier allows variable volume control via IR and RS-232.
- Delivers unbalanced video (iPod video content only, not program metadata) up to 30 feet (9m).
- Optional balanced video kit (70131) provides component video up to 250 feet (76m).
- IR connection allows remote control of most iPod/iPod touch audio functions when in general control mode.
- Integrated RS-232 control enables two-way communication (including iPod program metadata) and control of the iPod/iPod touch via compatible control systems.
- Charges the iPod/iPod touch while it is docked.
- Compatible with most dockable iPod models, including iPod nano 5th generation, iPod classic, and iPod touch. For current compatibility information, visit [www.iportmusic.com](http://www.iportmusic.com).

Dimensions (W x H x D):  $4\frac{3}{4}" \times 6\frac{13}{32}" \times 3\frac{1}{2}"$  (121mm x 163mm x 89mm)  
Cut-Out Dims. (W x H):  $4" \times 5\frac{9}{16}"$  (102mm x 141mm)

#### IW-22 SYSTEM COMPONENTS\*

- (1) iPod dock (faceplate and utility box)
- (1) Balanced audio wall plate
- (1) Balanced audio sender plug-in circuit card
- (1) RS-232 control plug-in circuit card and RS-232 cable
- (1) Unbalanced video wall plate and cable
- (1) Regulated power supply with USA plug

\*See "iPORT IW UPGRADE KITS" on page 162 for iPod IW upgrade kits.



PART#..... 70128  
QUANTITY ..... EACH

#### IPOD IW-21 IN-WALL DOCKING SYSTEM WITH IR CONTROL

##### IW-21 SYSTEM CAPABILITIES

- Delivers local-zone unbalanced audio up to 30 feet (9m) from the iPod.
- Built-in preamplifier allows variable volume control via IR or the iPod's volume control.
- Delivers unbalanced video (iPod video content only, not program metadata) up to 30 feet from iPod.
- IR allows remote control of most iPod/iPod touch audio functions when in general control mode.
- Charges the iPod/iPod touch while it is docked.
- Compatible with most dockable iPod models, including iPod nano 5th generation, iPod classic, and iPod touch. For current compatibility information, visit [www.iportmusic.com](http://www.iportmusic.com).
- Optional balanced audio kit (70130) delivers audio up to 500 feet (152m) from the iPod.
- Optional balanced video kit (70131) delivers video up to 250 feet (76m) from the iPod.

Dimensions (W x H x D):  $4\frac{3}{4}" \times 6\frac{13}{32}" \times 3\frac{1}{2}"$  (121mm x 163mm x 89mm)  
Cut-Out Dims. (W x H):  $4" \times 5\frac{9}{16}"$  (102mm x 141mm)

##### IW-21 SYSTEM COMPONENTS\*

- (1) iPod dock (faceplate and utility box)
- (1) Audio wall plate
- (1) Unbalanced video wall plate and cable
- (1) Regulated power supply with USA plug

\*See "iPORT IW UPGRADE KITS" on page 162 for iPod IW upgrade kits.



## iPORT IN-WALL DOCKING SYSTEMS

### iPORT IW-20 IN-WALL DOCKING SYSTEM

#### IW-20 SYSTEM CAPABILITIES

- Delivers local-zone unbalanced audio up to 30 feet (9m) from the iPort. Note: The audio system must supply volume control.
- Charges the iPod/iPod touch while it is docked.
- Compatible with most dockable iPod models, including iPod nano 5th generation, iPod classic, and iPod touch. For current compatibility information, visit [www.iportmusic.com](http://www.iportmusic.com).

Dimensions (W x H x D): 4<sup>3</sup>/<sub>4</sub>" x 6<sup>13</sup>/<sub>32</sub>" x 3<sup>1</sup>/<sub>2</sub>" (121mm x 163mm x 89mm)

Cut-Out Dims. (W x H): 4" x 5<sup>9</sup>/<sub>16</sub>" (102mm x 141mm)

#### IW-20 SYSTEM COMPONENTS

- (1) iPort dock (faceplate and utility box)
- (1) Audio wall plate
- (1) Regulated power supply with USA plug



PART# ..... 70127  
QUANTITY ..... EACH

## iPORT FREE-STANDING DOCKING SYSTEMS

**PLAY AN IPOD MUSIC AND VIDEO COLLECTION THROUGHOUT THE HOME!** Like the iPort IW, the iPort FS-2 series enables the iPod or iPod touch to be used as a source in a local audio-video system. The iPort can be placed on a desk, table, or other convenient location. There are three different iPort FS-2 series systems with different capabilities and components to accommodate a range of installations and system requirements.

### iPORT FREE-STANDING DOCKING SYSTEMS

**SPECIAL FEATURES** • Designed for easy docking/undocking of iPod/iPod touch • User-initiated iTunes connection via jewel button on iPort • Selectable fixed or variable output • IR control (FS-21 and FS-22) and RS-232 control (FS-22) of the iPod/iPod touch • Unbalanced audio and video output for local system installations • Available optional balanced audio and

video upgrade kits allow long-distance system operation • Regulated DC power supply powers iPort and keeps iPod and iPod touch charged while docked • Connects to computer via USB 2.0 cable (not included) • For current compatibility information, visit [www.iportmusic.com](http://www.iportmusic.com).

### iPORT FS-23 FREE-STANDING DOCKING SYSTEM

The iPort FS-23 free-standing digital media system for the iPod®/iPod touch® provides the freedom to control your iPod/iPod touch from an on-screen video interface on any connected TV. Using the included iPort remote control, an easy-to-navigate menu system may be selected for music, videos, playlists, songs, artists, albums, and more. iPod settings for equalizer, repeat, shuffle, and other controls may also be controlled on-screen.

#### FS-23 SYSTEM CAPABILITIES

- View and navigate content from the iPod/iPod touch directly on your TV.
- Charge the iPod/iPod touch while docked.
- Select music, video, song, artist, album, and playlist.
- View an elegant Now Playing screen that indicates title, artist, and album with cover art provided by the iPod/iPod touch.
- Control iPod/iPod touch settings such as equalizer, repeat, and shuffle.
- Built-in pre-amplifier for variable volume control.
- Stop-motion screen saver with time adjustment.
- Integrated IR allows control of your iPod/iPod touch via included IR remote or IR input port.
- Compatible with most dockable iPod models, including iPod nano 5th generation, iPod classic, and iPod touch. For current compatibility information, visit [www.iportmusic.com](http://www.iportmusic.com).
- Optional balanced audio kit (70122) delivers audio up to 500 feet (152m) from the iPort.
- Optional balanced video kit (70123) delivers video up to 250 feet (76m) from the iPort.

#### FS-23 SYSTEM COMPONENTS\*

- (1) iPort dock
- (1) iPort standard IR remote
- (1) Audio cable (3.5mm stereo to 2-RCA, 2 meters)
- (1) Component video cable (3.5mm 4-pin to 3-RCA, 2 meters)
- (1) Global switching power supply with international adapters

\*See "iPORT FS-2 SERIES UPGRADE KITS" on page 163 for iPort FS upgrade kits.



PART# ..... 70117  
QUANTITY ..... EACH



PART# ..... 70116  
 QUANTITY ..... EACH

## iPORT FS-22 FREE-STANDING DOCKING SYSTEM WITH RS-232 CONTROL

### FS-22 SYSTEM CAPABILITIES

- Delivers unbalanced audio up to 30 feet (9m) from the iPort.
- Optional balanced audio kit (70122) provides audio up to 500 feet from the iPort.
- Delivers unbalanced component video, composite video, or S-Video up to 30 feet (9m) from the iPort. (Note: Video content only, not program metadata. Video output format is determined by the iPod.)
- Optional balanced video kit (70123) provides component video up to 250 feet (76m) from the iPort
- Integrated RS-232 control enables two-way communication (including iPod program metadata) and control of the iPod/iPod touch via compatible control systems.
- Allows iPort firmware upgrades (requires optional cable).
- Allows the iPod to be controlled via line-of-sight IR from the front of the iPort and (with optional cable and IR receiver) from a second location via a rear panel connection.
- Allows the iPod's volume control to control the iPort system volume (General mode only).
- Connects to a computer, allowing the iPod to be updated via iTunes while it is docked (requires USB 2.0 cable, not included).
- Charges the iPod/iPod touch (via the regulated power supply) while it is docked.
- Compatible with most dockable iPod models, including iPod nano 5th generation, iPod classic, and iPod touch. For current compatibility information, visit [www.iportmusic.com](http://www.iportmusic.com).

### FS-22 SYSTEM COMPONENTS\*

- (1) iPort dock
- (1) Audio cable (3.5mm stereo to 2-RCA, 2 meters)
- (1) Component video cable (3.5mm 4-pin to 3-RCA, 2 meters)
- (1) RS-232 extended control cable (RJ11 to female DB9, 2 meters)
- (1) Global switching power supply with international adapters

\*See "iPORT FS-2 SERIES UPGRADE KITS" on page 163 for iPort FS upgrade kits.



PART# ..... 70115  
 QUANTITY ..... EACH

## iPORT FS-21 FREE-STANDING DOCKING SYSTEM WITH IR CONTROL

### FS-21 SYSTEM CAPABILITIES

- Delivers unbalanced audio up to 30 feet (9m) from the iPort.
- Delivers unbalanced component video, composite video, or S-Video up to 30 feet (9m) from the iPort. (Note: Video content only, not program metadata. Video output format is determined by the iPod.)
- Allows the iPod to be controlled via line-of-sight IR from the front of the iPort and (with optional cable and IR receiver) from a second location via a rear panel connection.
- Allows the iPod's volume control to control the iPort system volume.
- Connects to a computer, allowing the iPod to be updated via iTunes while it is docked (requires USB 2.0 cable, not included).
- Charges the iPod/iPod touch while it is docked.
- Compatible with most dockable iPod models, including iPod nano 5th generation, iPod classic, and iPod touch. For current compatibility information, visit [www.iportmusic.com](http://www.iportmusic.com).
- Optional balanced audio kit (70122) delivers audio up to 500 feet (152m) from the iPort.
- Optional balanced video kit (70123) delivers video up to 250 feet (76m) from the iPort.

### FS-21 SYSTEM COMPONENTS\*

- (1) iPort dock
- (1) Audio cable (3.5mm stereo to 2-RCA, 2 meters)
- (1) Component video cable (3.5mm 4-pin to 3-RCA, 2 meters)
- (1) Global switching power supply with international adapters

\*See "iPORT FS-2 SERIES UPGRADE KITS" on page 163 for iPort FS upgrade kits.

**iPORT IW-2 SERIES BALANCED AUDIO UPGRADE KIT**

This upgrade for the iPort IW-21 delivers balanced audio up to 500 feet from the iPort, enabling long-distance system operation. Includes balanced audio sender card, balanced audio receiving wall plate and Decora wall plate.



PART#..... 70130  
QUANTITY ..... EACH

**iPORT IW-2 SERIES BALANCED VIDEO UPGRADE KIT**

This upgrade for the iPort IW-21 and IW-22 delivers balanced video up to 250 feet (76m) from the iPort, enabling long-distance system operation. Includes balanced video sender card, balanced video receiving wall plate and Decora wall plate. Supports component video, via selector switch inside the iPort IW-21 or IW-22.



PART#..... 70131  
QUANTITY ..... EACH

**iPORT IW-2 SERIES RS-232 CONTROL UPGRADE KIT**

This upgrade for the iPort IW-21 allows long-distance RS-232 control of iPod functions with 2-way communication (requires compatible 3rd-party controller). It includes an RS-232 plug-in circuit card (for insertion in the iPort) and an RS-232 extended control cable (RJ11 to female DB9, 2 meters).

Note: Requires Balanced Audio Upgrade Kit (part # 70130, see above).



PART#..... 70012  
QUANTITY ..... EACH

**iPORT IW MAIN PCB UPGRADE KITS**

These replacement main PCBs for the iPort IW-1 and for the iPort IW-2 through IW-5 support the following upgrades:

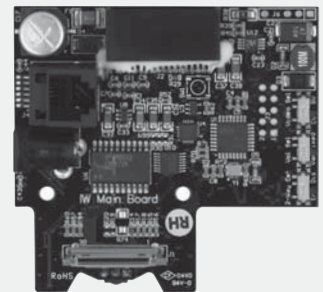
**iPORT IW-1 SYSTEMS**

- Charges all compatible iPod/iPod touch models except for 3rd-generation iPods.

**iPORT IW-2 – IW-5 SYSTEMS**

- Charges all compatible iPod/iPod touch models except for 3rd-generation iPods.
- Selectable variable audio output. A built-in audio preamp allows the iPort to control the iPod's volume via IR or from the iPod when in the general control mode.
- Selectable component or composite/S-Video output.
- Selectable default iPod control mode (RS-232 enable or disable).
- Main PCB authentication unlocks the video output on the 2nd generation iPod touch.
- The ability to update iPort firmware via the optional firmware update cable (part # 70132, see page 161).

\*Note: Part #70124 can also be used to replace a damaged main PCB in iPort IW-20. Part #70125 can also be used to replace a damaged main PCB in iPort IW-21 and IW-22 models.



FOR iPORT IW-1  
PART#..... 70124\*  
QUANTITY ..... EACH

FOR iPORT IW-2 – IW-5  
PART#..... 70125\*  
QUANTITY ..... EACH

## iPORT FS-2 SERIES UPGRADE KITS



PART#..... 70122  
QUANTITY ..... EACH

### iPORT FS-2 SERIES BALANCED AUDIO UPGRADE KIT

This upgrade for the iPort FS-21, FS-22, and FS-23 delivers balanced audio up to 500 feet (152m) from the iPort, for long-distance system requirements. It includes a balanced audio sender wall plate, a balanced audio receiver wall plate, a regulated DC power supply, and two Decora wall plates.



PART#..... 70123  
QUANTITY ..... EACH

### iPORT FS-2 SERIES BALANCED VIDEO UPGRADE KIT

This upgrade for the iPort FS-21, FS-22, and FS-23 delivers balanced video up to 250 feet (76m) from the iPort, for long-distance system requirements. It includes a balanced video sender wall plate, a balanced video receiver wall plate, a regulated DC power supply, and two Decora wall plates.

## iPORT ACCESSORIES



PART# WHITE..... 70032  
PART# BLACK..... 70030  
QUANTITY ..... EACH

### iPORT EX-1 REMOTE CONTROL\*

For use with iPort IW-21, IW-22, FS-21, and FS-22, as well as most legacy iPort IW and FS models. Enables line-of-sight control of iPod/iPod touch. Controllable functions include:

- Next/Previous Track
- Volume Up/Down
- Play/Pause
- Shuffle mode selection
- Repeat mode selection
- iPort LED brightness selection
- Remote controller function selections: song/album/playlist/chapter
- iPod menu navigation control (up/down, select, menu (back))

\*While supplies last



PART#..... 70056  
QUANTITY ..... EACH

### iPORT IW RACK-MOUNT PANEL

Allows all iPort IW systems to be mounted in a standard 19" equipment rack. 4U rack height. Brushed, black aluminum finish.



PART# ..... 70040  
QUANTITY ..... EACH

### iPORT FIRE-RATED (LISTED) BACKCAN

The Intertek Listed\* fire-rated backcan is a component in the iPort In-wall Docking System (WHI Design Listing SON/MP 60-01), comprised of an Intertek Listed fire-rated metal backcan (Model 70040), an unlisted ABS iPort Utility Box, and an unlisted iPort faceplate.

Can Dimensions (W x H x D): 17 1/4" x 11 1/2" x 3 1/2" (438mm x 292mm x 89mm)  
Shipping Weight: 7 lbs (3.2kg) each

\*See Intertek Directory of Listed Building Products at:  
[http://etlwhidirectory.etlsemko.com/WebClients/ITS/DLP/Products.nsf/\\$\\$Search?OpenForm](http://etlwhidirectory.etlsemko.com/WebClients/ITS/DLP/Products.nsf/$$Search?OpenForm)

**iPORT FIRMWARE UPDATE CABLE**

Connects iPort IW-21, IW-22, and FS-22 to a computer for updating firmware. iPort firmware software updates are found at [www.iportmusic.com](http://www.iportmusic.com).



PART# ..... 70132  
QUANTITY ..... EACH

**iPORT FS-2 SERIES COMPOSITE/S-VIDEO CABLE**

This 3.5mm to combination RCA/S-Video cable connects the iPort FS-21 and FS-22 video output to a video distribution system or display.



PART# ..... 70120  
QUANTITY ..... EACH

**iPORT FS-2 SERIES COMPONENT VIDEO CABLE**

This 3.5mm to 3-RCA cable connects the iPort FS-21, FS-22, and FS-23 video output to a video distribution system or display. Replacement for the cable already included with the iPort FS-21, FS-22, and FS-23.



PART# ..... 70133  
QUANTITY ..... EACH

**iPORT REPLACEMENT CONTROL MODE JUMPERS**

Replacement for FS-22 control mode and balanced video wall plate adjustment jumpers. Sold in packs of six.



PART# ..... 70089  
QUANTITY ..... 6-PACK

**iPORT BLACK FACEPLATE**

Black IW faceplate for black iPods or decor requirements.  
(May require IW iPod touch Upgrade Kit (70112).

Compatible with IW-20, IW-21, IW-22, IW-1, IW-2, IW-3, IW-4, and IW-5.



PART# ..... 70020  
QUANTITY ..... EACH

## iPORT ACCESSORIES



PART# ..... 70112  
QUANTITY ..... EACH

### iPOD TOUCH UPGRADE KIT FOR IW 1-5

The IW iPod touch Upgrade Kit is available for retrofitting an existing IW-1 through an IW-5 that was installed prior to the iPod touch being available. The faceplate is re-designed to allow user access to the iPod touch home button. The matching utility box must also be installed to support the interior dimension changes on the faceplate. The dealer removes the existing internal PCB (2) from the installed IW and re-installs them in the new plastics. There is no cut-out dimension change.



PART# ..... 70008  
QUANTITY ..... EACH

PART# ..... 70016  
QUANTITY ..... 5-pack

### iPORT IW STUD-MOUNT BRACKET

New construction bracket reserves the space for any IW model.  
Compatible with IW-20, IW-21, IW-22, IW-1, IW-2, IW-3, IW-4, and IW-5.



PART# ..... 70015  
QUANTITY ..... EACH

### iPORT IW POWER SUPPLY

International power supply for the in-wall system. Includes US power cord.  
Compatible with IW-20, IW-21, IW-22, IW-1, IW-2, IW-3, IW-4, IW-5.





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# NOTES





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