HARMAN™

NEW PRODUCTS
2016

AKG AMX BSS crown dbx JBL PROFESSIONAL lexicon Martin Soundcraft STUDER

CORPORATE
OVERVIEW

AKG

AKG's remarkable microphones and headphones are a synthesis of leading-edge industrial design, innovative electronics and world-class acoustics. AKG is also a technological powerhouse with over 1,500 international patent applications and some of the best-equipped research and development facilities in the world. For over 60 years, AKG has used its considerable expertise and know-how to develop products that serve markets as diverse as music, recording and broadcast to permanent installation. For its many customers, "it all comes back to the sound" and as long as good sound and long, useful product life are important, they will keep coming back to AKG.

AMX

As the company that invented the control panel, AMX has been the leading innovation in automation and video distribution for over 30 years. Our philosophy of "AV for an IT World" has earned us a place in the boardrooms of Fortune 100 companies, the learning centers of top universities, and the control centers of presidents, prime ministers, defense departments, and intelligence centers around the globe. AMX excels at creating innovative, scalable technology solutions for meeting spaces as well as building-wide video distribution and management solutions.

BSS

BSS Audio has amassed an international reputation for providing reliable equipment that addresses the real needs of musicians. BSS's name can also be found in recording studios and in broadcast studio output. Their products, either live sound systems or fixed installations, are thoroughly researched and tested. The results are powerful, ergonomically packaged equipment. The complete reliability gained through the excellent design and quality assurance is why top performing artists and theaters throughout the world regularly choose BSS Audio systems.

crown

For over 65 years, Crown has pioneered the design and manufacturing of the world-class professional audio products, including amplifiers and system control products for a wide range of markets including systems integration, tour sound, cinema and portable PA. Today, Crown products are utilized by some of the largest and most respected sound companies in the world for live and fixed installation applications. Many of the biggest names in entertainment rely on Crown products to provide the highest quality sound on the biggest stages in music.

dbx

What makes dbx the most well-respected dynamics processing company? Besides years of leadership and expertise in the processing field, we have combined our detection and summing methods, known as True RMS Level Detection and True RMS Power Summing, to be "true" to the sounds that are heard by the human ear. dbx has patented integrated circuit designs that can detect and then process natural sounds over a broad range of signals. Wouldn't all musicians want their voices to be heard at their best?

JBL PROFESSIONAL

Playback the last 60 years of music and motion picture recording and one name stands alone: JBL. Before THX® and Dolby,® before stereo and even hi-fi, there was JBL. Today, JBL's well-earned reputation has placed its speakers in all types of professional institutions, including legendary recording studios, famous concert venues and premier movie houses. Throughout those 60 years of technical breakthroughs, award winning product design, JBL continues its legacy as the leader in loudspeaker manufacturing.

lexicon

Lexicon measures its success by the simple fact that they are the world wide choice in digital processing by engineers, producers and performers. Their uncomprimised integrity has proven to be extremely successful over the years. History was made when our

reverb line was introduced at the 1978 AES Convention. It was considered the first commercially viable digital reverb system. Lexicon's innovations haven't stopped since. We continue to forge strategic partnerships that will ensure that out systems are always compatible with our customers' needs.

Martin®

As a world leader in the creation of dynamic lighting solutions for the entertainment, architectural, and commercial sectors, Martin lighting and video systems are renowned the world over. Martin also offers a range of advanced lighting controllers, as well as a complete line of smoke machines as a complement to intelligent lighting, Martin operates the industry's most complete and capable distributor network with local partners in nearly 100 countries. Founded in 1987 and based in Aarhus, Denmark, Martin is the lighting division of global infotainment and audio company HARMAN International Industries.

Soundcraft®

Drawing from a heritage of 40 years in mixing console design and manufacture, Soundcraft has developed a unique insight into professional audio requirements. From live sound to recording and broadcast, Soundcraft mixing consoles are built to perform and are responsible for delivering thousands of events day after day all around the world. With professional features, intuitive operation and uncomprimised sound quality, Soundcraft has built a global reputation for delivering optimum performance every time.

STUDER®

For 65 years, the Studer name has been synonymous in the world of professional audio with innovation, elegant design and unsurpassed excellence in engineering. Today, Studer is acknowledged as the leader is Digital Mixer Technology and offers the widest range of digital broadcast consoles and system components available from any manufacturer.

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MICROPHONES

AKG

C314

PROFESSIONAL MULTI–PATTERN
CONDENSER MICROPHONE

CAPTURE EVERY DETAIL
for project studio and stage applications

Born from our commitment to total precision, and a team of the finest microphone engineers, the C314 makes use of the best materials and components found throughout the world. It has gone through an exacting design and highly detailed manufacturing process to bring you the end result: A microphone that captures every detail with the precision your creativity deserves.

- **Four selectable polar patterns**
  perfect for every application: vocals, guitars, overheads, piano and more

- **Lowest self noise**
  for the highest resolution in high-dynamic applications,
  such as miking classic instruments

- **Overload detection LED**
  indicates overly high sound pressure levels—know exactly when to use the pad

- **Computer-matched diaphragms**
  guarantee the highest polar pattern accuracy

- **20 dB attenuation pad and bass-cut filter**
  for close-up recording and reducing the proximity effect

AVAILABLE IN MATCHED PAIRS
FOR REALISTIC STEREO RECORDINGS

C314

MATCHED PAIR
STEREO SET

The C314 Matched Pair Stereo Set Package includes:

- 2 x C314
- 2 x W214 Windscreen
- 1 x H50 Stereo bar
- 2 x H85 Universal shock mount
- 2 x SA60 stand adapter, Metal carrying case

D5 C (CS)

PROFESSIONAL DYNAMIC
VOCAL MICROPHONE

THE AUDIENCE IS YOURS
for stage and installed applications

The D5 C (CS) is a dynamic vocal microphone that you can depend on, from small live gigs to large concert halls. The cardioid shaped polar pattern makes it your most versatile companion giving you freedom on stage while ensuring minimum feedback.

Since the D5 C (CS) can withstand massive pressure levels up to 160 dB and the internal dual shock mount eliminates handling noise, you will hit the stage with confidence.

The D5 CS has the same mechanical, electrical, and acoustic characteristics as the D5 and features a noiseless on/off switch.

- **Patented laminated Varimotion™ diaphragm**
  for crisp sound that cuts through every mix

- **Cardioid polar pattern**
  for a wide variety of applications

- **Dual shock mount of microphone capsule**
  eliminates any kind of handling noise

- **Integrated pop filter**
  for elimination of pops and wind noise

- **Spring-steel wire-mesh grille**
  withstands every live performance

AKG

AKG

D112 MKII

PROFESSIONAL DYNAMIC
BASS DRUM MICROPHONE

THE D112 REIMAGINED
for bass drum and bass guitar on stage and in the studio

The D112 MkII professional dynamic bass drum microphone features a new integrated flexible mount, while retaining all the sonic strengths that have made its predecessor the industry-standard. Over the years the D112 has earned a well-deserved reputation as one of the best bass drum microphones ever made, for its high SPL capability, punchy EQ and bulletproof construction.

The D112 MkII can handle more than 160 dB SPL without distortion. Its large diaphragm has a very low resonance frequency that delivers a solid and powerful response below 100 Hz. Its authoritative low end is complemented by a narrow-band presence boost at 4 kHz that punches through even dense mixes and loud stage volumes with forceful impact. One of the many reasons artists and sound engineers love the D112 MkII is that it requires no additional EQ to sound just right as soon as you bring up the fader. Further refining its performance, the D112 MkII features an integrated hum-compensation coil that keeps noise to an absolute minimum.

In addition to being an exceptional bass drum mic on stage and in the studio, the D112 MkII is an excellent choice for miking electric bass cabinets and trombones.

- **Integrated flexible mount**
  makes it even more versatile

- **Bass resonance volume chamber**
  for unique, punchy sound

- **Large diaphragm dynamic microphone**
  delivers accurate low frequencies

- **Integrated hum-compensation coil**
  keeps noise to an absolute minimum

- **Industry benchmark for bass drum microphone**
  used on stages worldwide for over 30 years

DRUM SET CONCERT I

PROFESSIONAL DRUM
MICROPHONE SET

AKG

COOL UNDER PRESSURE
for drummers, stage applications and project studio recording

The Drum Set Concert I professional drum microphone set provides a complete collection of mics designed to withstand even the toughest stage environments. Seven microphones and accessories come packed into a durable aluminum carrying case, so you have everything you need to capture a complete drum kit, or mic bass and guitar amps, percussion, woodwinds and other instruments. The collection features the latest version of the legendary D112 MkII bass drum mic, the compact C430 overhead mic, and the popular D40 drum microphone. Each features high maximum SPL handling and rugged metal casing to ensure great sound, night after night.

The set contains:
1 x D112 MkII bass drum microphone
2 x C430 for overheads
4 x D40 for toms and snare

- **Complete drum kit microphone pack**
  including five dynamic and two condenser overhead microphones for an array of applications

- **Microphones optimally tuned**
  to work in harmony

- **Includes all microphone clamps and stand adapters**
  for quick and easy set up

- **Roadworthy, rugged aluminum carrying case**
  offering portable protection to store microphones and accessories

MICROLITE LAVALIER **MICROPHONES**

AKG

LC81 MD

REFERENCE LIGHTWEIGHT CARDIOID LAVALIER MICROPHONE

The LC81 MD reference lightweight cardioid lavalier microphone makes a name for itself by not stealing the show. With a diameter of only 4.8mm, and a length of 10mm, it's one of the smallest cardioid lavaliers available. And at only 2g, the LC81 MD won't weigh down lengthy performances—in fact, the stars will hardly know that it's there.

- **One of the smallest cardioid lavalier mics available**
  inconspicuous on every user

- **Comfortable design**
  ready for extended use

- **Microdot connector**
  works with all major wireless systems

- **Superior EMC protection**
  for interference-free use

- **Available in four colors**
  to complement every performer

LC82 MD

REFERENCE LIGHTWEIGHT OMNIDIRECTIONAL LAVALIER MICROPHONE

As one the smallest omnidirectional microphones in the world, the LC82 MD reference lightweight lavalier microphone takes pride in outperforming mics many times its size. With a diameter of only 3mm and length of 6.5mm, it's ready to take on the biggest stages without making a scene.

- **Highly moisture resistant**
  for active performances

- **Comfortable design**
  ready for extended use

- **Microdot connector**
  works with all major wireless systems

- **Superior EMC protection**
  for interference-free use

- **Available in four colors**
  to complement every performer

MICROLITE EAR–HOOK **MICROPHONES**

EC81 MD
REFERENCE LIGHTWEIGHT CARDIOID EAR–HOOK MIC

Designed for theater, broadcast, musical performances and conferences, the EC81 MD is engineered for accurate, specific placement, featuring a flexible ear-hook and adjustable boom length.

- **Cardioid capsule**
  to reduce background and feedback noise

- **Microdot connector**
  works with all major wireless systems

- **Superior EMC protection**
  for interference-free use

EC82 MD
REFERENCE LIGHTWEIGHT OMNIDIRECTIONAL EAR–HOOK MIC

The EC82 MD reference lightweight omnidirectional ear-hook microphone is engineered for accurate, specific placement and features a moisture-resistant design, for the most energetic performances.

- **Highly moisture resistant**
  for active performances

- **Microdot connector**
  works with all major wireless systems

- **Superior EMC protection**
  for interference-free use

MICROLITE HEADWORN **MICROPHONES**

HC81 MD
REFERENCE LIGHTWEIGHT CARDIOID HEADWORN MIC

The HC81 MD delivers unparalleled, precise sound. Its sensitive cardioid polar pattern picks up a wide range of frequencies—from bass to soprano—and provides flexibility in getting the best sound from the source.

- **Cardioid capsule**
  to reduce background and feedback noise

- **Microdot connector**
  works with all major wireless systems

- **Superior EMC protection**
  for interference-free use

HC82 MD
REFERENCE LIGHTWEIGHT OMNIDIRECTIONAL HEADWORN MIC

The HC82 MD features flexible ear-hooks and an adjustable boom, it's incredibly easy for performers to customize the fit to their liking. With a moisture-resistant design, the HC82 MD enables performers to give it their all, without worrying about technical difficulties.

- **Highly moisture resistant**
  for active performances

- **Microdot connector**
  works with all major wireless systems

- **Superior EMC protection**
  for interference-free use

AKG

WIRELESS SYSTEMS

AKG

DMS800 — REFERENCE DIGITAL WIRELESS MICROPHONE SYSTEM

EVEN MORE DIGITAL

for theater, conference, live-production and tour-sound applications

The DMS800 reference digital wireless microphone system is designed to provide accurate signal transmission and reliability in theaters, conferences, live productions and tour sound applications. It is the direct successor of DMS700 V2 and offers everything that made its predecessor an outstanding performer while adding features to deliver more versatility than ever before.

The DMS800 provides two digital audio outputs – for Dante™ and AES EBU. The design and mechanics of the DHT800 handheld transmitter have also been improved. The microphone heads are now exchangeable, and the customer has the flexibility to choose between the AKG D5 WL1, D7 WL1 and C5 WL1. Additionally the mute switch of the transmitters can be set to work as a power switch.

An optional network remote control allows frequency coordination and monitoring of multichannel systems by PC software Audio Architect, Apple iPhone®, iPad® and iPod®, or Soundcraft Vi consoles.

- **150MHz ultrawide frequency range**
  ideal for worldwide touring in frequency-crowded environments

- **512-bit encryption**
  provides state-of-the-art protection for sensitive audio information

- **D5 WL1, D7 WL1 or C5 WL1 microphone heads available**
  to accommodate the full range styles and applications

- **Analog and digital audio outputs**
  2 x balanced XLR, 2 x unbalanced ¼" jack connectors, AES EBU output and DANTE output

- **Digital wireless audio transmission**
  eliminates any distortion and significant noise level

HEADPHONES

K181 DJ UE REFERENCE CLASS DJ HEADPHONES

Developed based on input from professional DJs, the K181 DJ UE reference-class DJ headphones provides all the features needed for those who own the crowd at the club. Closed-back design and a sturdy 50 mm transducer deliver enough power to withstand even the strongest PA speakers, especially for PFL (pre-fader-listening). Depending on your working conditions the bass boost will help you catch the beat and the coiled cable gives you freedom to move around without having to worry about stepping on the cable.

- **Bass boost switch**
  to emphasize low frequencies in loud working conditions

- **Detachable coiled cable**
  provides freedom to move in the DJ booth

- **Mono/Stereo switch**
  for optimum single ear monitoring

- **3D-Axis professional folding mechanism**
  for easy transport and storage in your record or laptop bag

K182 PROFESSIONAL CLOSED-BACK MONITOR HEADPHONES

Never too hot. Never too high. Always just right. Designed for discerning musicians and engineers, the K182 professional closed-back monitor headphones deliver incredibly accurate sound. 50mm drivers keep it loud — even when using mobile devices — while the 10 Hz - 28 kHz frequency range provides a truly balanced mix. 3D-axis folding and comfortable, replaceable ear pads make these headphones an easy travel companion, no matter where your sound takes you.

- **Closed-back acoustics**
  ensure great performance for every instrumentalist

- **Over-ear design with replaceable ear pads**
  provides comfort during long sessions

- **High sensitivity 50mm transducers**
  provide great sound even with mobile devices

- **Detachable cable and screw-on adapter**
  for easy connectivity with all your gear

- **3D-axis professional folding mechanism**
  for ease of portability

AKG

K92   K72   K52

AKG

K52 CLOSED-BACK HEADPHONES

Your music rocks—make sure you hear every detail with the AKG K52 over-ear, closed-back headphones. Professional-grade 40mm drivers reveal even the subtlest nuances, so you can be confident your mix will translate accurately on any system. Whether you're monitoring vocals or tracking a bass line, the self-adjusting headband and lightweight design will provide hours of comfort.

K72 CLOSED-BACK HEADPHONES

Pro quality sound meets style and affordability with the AKG K72 over-ear, closed-back headphones. Professional-grade 40mm drivers reveal even the subtlest nuances. Whether you're tracking the hook or mixing background harmonies, the self-adjusting headband and lightweight design will provide hours of comfort. Designed by the company whose mics and headphones have helped create some of the world's most iconic recordings, the durable K72 headphones deliver great sound wherever your music takes you.

K92 CLOSED-BACK HEADPHONES

Mix and master your tracks with uninhibited clarity with the AKG K92 over-ear, closed-back headphones. Professional-grade 40mm drivers reveal even the subtlest nuances, so you can be confident your mix will translate accurately on any system. Whether you're fine-tuning track levels within the mix or mastering the final product, the self-adjusting headband and lightweight design will provide hours of comfort. Designed by the company whose mics and headphones have helped create some of the world's most iconic recordings, the durable K92 is a serious headphone that delivers great sound in the studio and beyond.

- **Large 40mm drivers**
  for wide frequency response

- **Over-ear design and lightweight construction**
  provides exceptional comfort for long sessions

- **Closed-back design**
  eliminates audio bleed and maintains privacy

- **Single-sided cable**
  for ease of use

- **Self-adjusting headband**
  ensures a perfect fit

- **Precisely balanced**
  response provides reference-monitor accuracy

HEADPHONE AMPS

HP4E — 4-CHANNEL HEADPHONE AMPLIFIER

The HP4E professional headphone amplifier features two stereo input and four stereo output channels of high-quality audio. Designed for ease of use, convenient switches on the front plate enable you to select your desired input. Each channel features both a 3.5mm (1/8") and 6.3mm (1/4") headphone output for easy connectivity – no adapters required. Housed in a sturdy chassis, the HP4E is an ideal headphone amp for any recording session.

- **2 Stereo TRS inputs**
- **4 channels, each with volume control**
- **Selector switch for each output 1-2**

HP6E — 6-CHANNEL HEADPHONE AMPLIFIER

The HP6E professional headphone amplifier features five stereo input channels and an ultra-flexible matrix design. In addition to the master channel, you can assign each output to one of four selectable input channels, providing the versatility you need for all kinds of monitoring and recording sessions. If you want even more channels, simply connect multiple HP6E units.

- **10 TRS inputs, 5 stereo channels**
- **Mix volume control for each amplifier output**
- **6 class A headphone amplifiers**
- **Nominal output @ 32Ohm 600mw per channel**

HP12U — 12-CHANNEL HEADPHONE AMPLIFIER

The HP12U professional amplifier features two stereo input channels and six stereo output channels, each with two headphone outputs. Easily monitor your analog or digital equipment – without rewiring your headphones – by switching between inputs A and B. If you need even more channels, simply connect multiple units. You can also use the HP12U as an external sound card by connecting Input A to your computer via USB.

- **6 stereo output channels, each with two headphone outputs**
- **2 stereo input channels**
- **Selectable source input and volume control per channel**

AKG

AUTOMIXERS

DMM8 U (UL, ULD)

REFERENCE DIGITAL AUTOMATIC MICROPHONE MIXER

The DMM8 U digital automatic microphone mixer is ideal for large meetings and conferences. Its DSP function ensures precise mixing of up to 80 channels by cascading up to 10 DMM8 U mixers. Two additional stereo audio outputs and one stereo USB offer additional routing options. Numerous DSP functions such as filters, compressor/limiter, ducking and routing make the DMM8 U a great fit in a variety of spoken word applications. The UL version offers a LAN interface via Ethernet to enable the control over large distances. In the ULD version, incorporating a highly sophisticated Dante™ chip, all ins are available as direct outs, making it an outstanding tool for broadcast

- **12-band graphic EQ on outputs**
  for optimized loudspeaker tuning

- **6 programmable presets**
  for easy and fast tailoring to different situations

- **2-channel USB streaming In and Out**
  to interface with IT networks

- **Cascade up to 10 units**
  for simultaneous use of up to 140 channels

- **Digital signal processing and sophisticated mixing algorithm**
  to feed in e.g. a laptop signal for wireless multimedia presentations

- **Audio matrix routing of all inputs to all outputs**
  for creating multiple mixes of multiple output combinations

DMM14 U (UL, ULD)

REFERENCE DIGITAL AUTOMATIC MICROPHONE MIXER

Engineered and made in Germany, the DMM14 U digital automatic microphone mixer is ideal for large meetings and conferences. Its DSP function ensures precise mixing of up to 140 channels by cascading up to 10 DMM14 U mixers. Numerous DSP functions such as filters, compressor/limiter, ducking and routing make the DMM14 U a great fit in a variety of spoken word applications. The DMM14 U (UL, ULD) is made in Germany. The UL version offers a LAN interface via Ethernet to enable the control over large distances. In the ULD version, incorporating a highly sophisticated Dante™ chip, all ins are available as direct outs, making it an outstanding tool for broadcast applications.

- **12-band graphic EQ on outputs**
  for optimized loudspeaker tuning

- **6 programmable presets**
  for easy and fast tailoring to different situations

- **2-channel USB streaming In and Out**
  to interface with IT networks

- **Cascade up to 10 units**
  for simultaneous use of up to 140 channels

- **Digital signal processing and sophisticated mixing algorithm**
  to feed in e.g. a laptop signal for wireless multimedia presentations

- **Audio matrix routing of all inputs to all outputs**
  for creating multiple mixes of multiple output combinations

ACCESSORIES

MDA1 AKG

ADAPTER CONNECTOR
AKG

MDA2 SEN1

ADAPTER CONNECTOR
SENNHEISER® LEMO

MDA3 SEN2

ADAPTER CONNECTOR
SENNHEISER JACK

The MDA1 AKG adapter connector AKG links every AKG MicroLite microphone with an AKG bodypack transmitter with 3-pin Mini-XLR input.

The MDA2 SEN1 adapter connector Sennheiser Lemo links every AKG MicroLite microphone with a Sennheiser 2000, 3000, 5000 bodypack transmitter with 3-pin Lemo input.

The MDA3 SEN2 adapter connector Sennheiser Jack links every AKG MicroLite microphone with a Sennheiser bodypack transmitter with 3.5 mm jack input.

MDA4 SHU

ADAPTER CONNECTOR
SHURE®

WLMA US

WIRELESS MICROPHONE
ADAPTER FOR SHURE WIRELESS
MICROPHONE HEADS

MDA6 BD

ADAPTER CONNECTOR
BEYERDYNAMIC®

The MDA4 SHU adapter connector Shure links every AKG MicroLite microphone with a Shure bodypack transmitter with TA4F input.

The WLMA-US wireless microphone adapter for Shure wireless microphone heads was designed to combine AKG wireless handheld transmitters such as DHT800 with Shure microphone heads, whenever this is explicitly required.

The MDA6 BD adapter connector Beyerdynamic links every AKG MicroLite microphone with a Beyerdynamic bodypack transmitter with 4-pin Mini-XLR connector.

AKG

ACCESSORIES

MDA7 LEC

ADAPTER CONNECTOR
LECTROSONICS®

MDA5 AT

ADAPTER CONNECTOR
AUDIO-TECHNICA®

MDPA

PHANTOM POWER
ADAPTER

The MDA7 LEC adapter connector Lectrosonics links every AKG MICROLITE microphone with a Lectrosonics bodypack transmitter with 5-pin locking (TA5F) connector.

The MDA5 AT adapter connector Audio-Technica links every AKG MICROLITE microphone with an Audio-Technica bodypack transmitter with 4-pin connector.

For full flexibility with your MicroLite microphone, easily switch to a wired application by adding the phantom power adapter with Microdot input and XLR output.

H2 CROCO

CROCO CLIP FOR
MICROLITE MICROPHONES

H3 CROCO CABLE CLIP

CROCO CABLE CLIP FOR
MICROLITE MICROPHONES

H1 MAGNET

MAGNET CLIP FOR
MICROLITE MICROPHONES

The H2 croco—a standard "crocodile" clip—is part of the MicroLite series and holds the microphone housing, instead of the delicate cable to ensure a tight hold as well as protecting the cable from breaking. It comes in two colors – white and black.

The H3 croco cable clip can be used on all MicroLite microphones, and helps to position the cable close to the body.

The H1 magnet clip is part of the MicroLite series and holds the microphone housing, instead of the delicate cable to ensure a tight hold as well as protecting the cable from breaking. Using the mangnet, the clip can be mounted almost everywhere. It comes in two colors - white and black.

WM81

WIREMESH CAP
MICROLITE

WM82

WIREMESH CAP
MICROLITE

MUP81, MUP82

MAKE-UP
PROTECTOR

AKG

Every microphone in the MicroLite Series is a star performer, ready to deliver great sound under the most intense conditions. Cardioid versions can be used without protection, or with the WM81 wire-mesh protection cap. The special cap protects the membrane from wind and pop noise as well as dirt, such as makeup or dust.

Every microphone in the MicroLite Series is a star performer, ready to deliver great sound under the most intense conditions. Omnidirectional versions can be used without protection, or with the WM82 wire-mesh protection cap. The special cap protects the membrane from wind and pop noise as well as dirt, such as makeup or dust.

To protect the cardioid capsule during make-up application, simply place the protector over the capsule housing, and remove it afterward.

W81, W82

MICROLITE FOAM
WINDSCREEN

CU800

CHARGING UNIT

If your performance requires even more protection from the elements, you can simply place a foam windscreen above the the omnidirectional wire-mesh protection cap. It increases the size of the microphone by only a fraction, and produces clean sound in challenging environments.

The charging unit CU800 has been designed specifically for use with the DMS800 wireless system. It is also fully compatible with the DMS700. The charger provides two charging slots specially shaped to accept the DHT800 (with the included adapters) and DPT800 transmitters. The charging slots operate completely independently so two transmitters with rechargeable batteries can be charged simultaneously. Integrated charging contacts allow the batteries to remain inside the transmitter while charging on the CU800.

SVSI – NETWORK AV

Any Source, Anywhere, Anytime

Imagine an enterprise AV solution with a variety of networked products from AMX that are flexible, easy to deploy and truly expandable. That dream is now a reality with the new SVSI family of products from AMX. The SVSI networked AV products are easy to install and use. They support point-to-multipoint streaming and distributed matrix switching for small/large and symmetric/asymmetric configurations. It's as simple as knowing how many sources you want to distribute over the network and where you want to distribute them.

Because the SVSI AV over IP encoder/decoder products use standard network cabling and IP technology to distribute source content to your endpoint components, distributing AV over your network is a breeze.

SVSi's management products provide intuitive and powerful management of equipment conguration, content management, NVR recording and playback, bandwidth utilization, and matrix switching. The flexible user interface includes access from your desktop/laptop, Apple iPad, Apple iPhone or Android device. End-users can also employ any third-party control system. SVSI's Management solution works with them all!

SVSI N1000 SERIES
ENCODERS & DECODERS

NMX-ENC-N1122

MINIMAL COMPRESSION 1080P HD
VIDEO OVER IP ENCODER WITH POE

Affordable local AV over IP switching solution that packetizes video into a minimally compressed IP format to create anywhere from a small 2×1 seamless presentation switcher up to a large 32×32 matrix switcher using off-the-shelf layer-3 network switches. The ability to send IP Media for distribution using common managed network switches in any size and configuration makes N1000 solutions extremely flexible and easy to deploy.

NMX-ENC-N1133

MINIMAL COMPRESSION 1080P HD VIDEO
OVER IP ENCODER WITH POE, SFP AND KVM

Affordable local AV over IP switching solution that packetizes video into a minimally compressed IP format to create anywhere from a small 2x1 seamless presentation switcher up to a large 32x32 matrix switcher using off-the-shelf layer-3 network switches. Comes with an SFP cage for installing single or multi-mode fiber transceiver or copper RJ45 Ethernet transceiver module for IP device control. Use the integrated USB port for KVM applications and multi-touch enabled panels.

NMX-DEC-N1222

MINIMAL COMPRESSION 1080P HD
VIDEO OVER IP DECODER WITH POE

Affordable local AV over IP switching solution that packetizes video into a minimally compressed IP format to create anywhere from a small 2×1 seamless presentation switcher up to a large 32×32 matrix switcher by connecting them directly to off-the-shelf layer-3 network switches. These models feature improved digital pixel reproduction and reduces latency to an industry leading 10-ms for gigabit links.

NMX-DEC-N1233

MINIMAL COMPRESSION 1080P HD VIDEO OVER IP
DECODER WITH POE, SFP AND KVM

Affordable local AV over IP switching solution that packetizes video into a minimally compressed IP format to create anywhere from a small 2×1 seamless presentation switcher up to a large 32×32 matrix switcher by connecting them directly to off-the-shelf layer-3 network switches. These models feature improved digital pixel reproduction and reduces latency to an industry leading 10-ms for gigabit links.

NMX-ENC-N1122-C

MINIMAL COMPRESSION 1080P HD VIDEO
OVER IP ENCODER WITH POE, CARD

Provides users with two RJ45 network ports (one PoE). All MPC N1000 series includes output scaling, serial, balanced audio, and HDMI video connection. The N1000 Series is the perfect solution for in-room or small video matrices under 32×32 in size. Packetizes video into a minimally compressed IP format to create anywhere from a small 2×1 seamless presentation switcher up to a large 32×32 matrix switcher using off-the-shelf layer-3 network switches.

NMX-DEC-N1222-C

MINIMAL COMPRESSION 1080P HD VIDEO
OVER IP DECODER WITH POE, CARD

Features improved digital pixel reproduction and reduces latency to an industry leading 10-ms for gigabit links. Packetized video streams not only remain visually lossless throughout distribution, they also arrive instantly. Packetizes video into a minimally compressed IP format to create anywhere from a small 2×1 seamless presentation switcher up to a large 32×32 matrix switcher.

NMX-ENC-N1133-C

MINIMAL COMPRESSION 1080P HD VIDEO OVER
IP ENCODER WITH POE, SFP AND KVM, CARD

Packetized video streams not only remain visually lossless throughout distribution, they also arrive instantly. It has separate HDMI and VGA/RGB inputs, supports PoE and has a separate SFP port. The SFP fiber path allows visually lossless video to be routed on a fiber-only network and extend signals beyond the reach of category cable.

NMX-DEC-N1233-C

MINIMAL COMPRESSION 1080P HD VIDEO OVER IP
DECODER WITH POE, SFP AND KVM, CARD

Features improved digital pixel reproduction and reduces latency to an industry leading 10-ms for gigabit links. Packetized video streams not only remain visually lossless throughout distribution, they also arrive instantly. It has separate HDMI and VGA/RGB inputs, supports PoE and has a separate SFP port.

SVSI N2000 SERIES
ENCODERS & DECODERS

NMX-ENC-N2122

JPEG 2000 DIGITAL CINEMA GRADE VIDEO
OVER IP ENCODER, POE, HDMI/HDCP

Encodes and distributes sources of almost any format onto an existing IP network making that stream available to any endpoint in the facility. With the ability to direct any source stream to any display, large, low-cost switching and distribution systems are simple to deploy without proprietary cabling or dedicated switching hardware. These models Include IR, serial, balanced audio, two network ports (one PoE), and local video pass-through port.

NMX-ENC-N2135

JPEG 2000 1080P HD LOW LATENCY VIDEO
OVER IP ENCODER WITH KVM, POE, SFP, HDMI/HDCP

Encodes and distributes sources of almost any format onto an existing IP network making that stream available to any endpoint in the facility utilizing copper and/or fiber connectivity. With the ability to direct any source stream to any display, large, low-cost switching and distribution systems are simple to deploy without proprietary cabling or dedicated switching hardware.The N2135 is more than just a video distribution solution. Use the integrated USB port for KVM applications and multi-touch enabled panels.

NMX-ENC-N2151

JPEG 2000 4K UHD VIDEO OVER IP
ENCODER WITH KVM

Provides users the same flexible, powerful, and scalable solution as the rest of the SVSI N2000 series at resolutions up to 4096×2160. JPEG2000 compression allows Ultra HD media to be switched and distributed over standard gigabit Ethernet networks. Any source can be sent to any number of displays by routing through layer-3 switches.

NMX-DEC-N2212

JPEG 2000 DIGITAL CINEMA GRADE VIDEO
OVER IP DECODER, HDMI/HDCP

Utilizes JPEG2000 compression for HD, cinema-grade video distribution on the LAN for applications when video quality is top priority. Used to decode streams back to DVI or HDMI format for display on any monitor. With the ability to direct any source stream to any display, large, low-cost switching and distribution systems are simple to deploy without proprietary cabling or dedicated switching hardware.

NMX-DEC-N2222

JPEG 2000 DIGITAL CINEMA GRADE VIDEO
OVER IP DECODER, POE, HDMI/HDCP

Utilizes JPEG2000 compression for HD, cinema-grade video distribution on the LAN for applications when video quality is top priority. With the ability to direct any source stream to any display, large, low-cost switching and distribution systems are simple to deploy without proprietary cabling or dedicated switching hardware. Includes Local Play, allowing users to upload and save 8 playlists that can contain up to 64 jpeg or PNG files.

NMX-DEC-N2235

JPEG 2000 1080P HD LOW LATENCY VIDEO OVER IP
DECODER WITH KVM, POE, SFP, HDMI/HDCP

Encodes and distribute sources of almost any format onto an existing IP network making that stream available to any endpoint in the facility utilizing copper and/or fiber connectivity. With the ability to direct any source stream to any display, large, low-cost switching and distribution systems are simple to deploy without proprietary cabling or dedicated switching hardware.

NMX-DEC-N2251

JPEG 2000 4K UHD VIDEO OVER IP
DECODER WITH KVM

Provides users the same flexible, powerful, and scalable solution as the rest of the SVSI N2000 series at resolutions up to 4096×2160. JPEG 2000 compression allows Ultra HD media to be switched and distributed over standard gigabit Ethernet networks. Any source can be sent to any number of displays by routing through layer-3 switches.

NMX-ENC-N2122-C
JPEG 2000 DIGITAL CINEMA GRADE VIDEO OVER IP
ENCODER, POE, HDMI/HDCP, CARD

Encodes and distributes sources of almost any format onto an existing IP network making that stream available to any endpoint in the facility. With the ability to direct any source stream to any display, large, low-cost switching and distribution systems are simple to deploy without proprietary cabling or dedicated switching hardware. These models Include IR, serial, balanced audio, two network ports (one PoE), and local video pass-through port.

SVSI N2000 SERIES
ENCODER & DECODER CARDS

NMX-DEC-N2212-C
JPEG 2000 DIGITAL CINEMA GRADE VIDEO OVER IP DECODER, HDMI/HDCP, CARD

Utilizes JPEG2000 compression for HD, cinema-grade video distribution on the LAN for applications when video quality is top priority. Used to decode streams back to DVI or HDMI format for display on any monitor. With the ability to direct any source stream to any display, large, low-cost switching and distribution systems are simple to deploy without proprietary cabling or dedicated switching hardware.

NMX-DEC-N2222-C
JPEG 2000 DIGITAL CINEMA GRADE VIDEO OVER IP DECODER, POE, HDMI/HDCP, CARD

Utilizes JPEG2000 compression for HD, cinema-grade video distribution on the LAN for applications when video quality is top priority. With the ability to direct any source stream to any display, large, low-cost switching and distribution systems are simple to deploy without proprietary cabling or dedicated switching hardware. Includes Local Play, allowing users to upload and save 8 playlists that can contain up to 64 jpeg or PNG files.

NMX-ENC-N2135-C
JPEG 2000 1080P HD LOW LATENCY VIDEO OVER IP ENCODER WITH KVM, POE, SFP, HDMI/HDCP, CARD

Encodes and distributes sources of almost any format onto an existing IP network making that stream available to any endpoint in the facility utilizing copper and/or fiber connectivity. With the ability to direct any source stream to any display, large, low-cost switching and distribution systems are simple to deploy without proprietary cabling or dedicated switching hardware.

NMX-DEC-N2235-C
JPEG 2000 1080P HD LOW LATENCY VIDEO OVER IP DECODER WITH KVM, POE, SFP, HDMI/HDCP, CARD

Encodes and distribute sources of almost any format onto an existing IP network making that stream available to any endpoint in the facility utilizing copper and/or fiber connectivity. With the ability to direct any source stream to any display, large, low-cost switching and distribution systems are simple to deploy without proprietary cabling or dedicated switching hardware.

NMX-ENC-N2151-C
JPEG 2000 4K UHD VIDEO OVER IP ENCODER WITH KVM, CARD

Provides users the same flexible, powerful, and scalable solution as the rest of the SVSI N2000 series at resolutions up to 4096×2160. JPEG2000 compression allows Ultra HD media to be switched and distributed over standard gigabit Ethernet networks. Any source can be sent to any number of displays by routing through layer-3 switches.

NMX-DEC-N2251-C
JPEG 2000 4K UHD VIDEO OVER IP DECODER WITH KVM, CARD

Provides users the same flexible, powerful, and scalable solution as the rest of the SVSI N2000 series at resolutions up to 4096×2160. JPEG 2000 compression allows Ultra HD media to be switched and distributed over standard gigabit Ethernet networks. Any source can be sent to any number of displays by routing through layer-3 switches.

SVSI N3000 SERIES
ENCODERS & DECODERS

NMX-ENC-N3132

H.264 COMPRESSED VIDEO OVER IP ENCODER, POE, SFP, HDMI/HDCP, USB FOR RECORD

Extends the reach of SVSI Networked AV solutions to the WAN for streaming, video to desktop, digital signage, set-top boxes, or mobile devices applications. Fully integrated with existing Networked AV control options, the N3000 Series delivers the highest quality HD video content at the lowest bandwidth for the most demanding applications.

NMX-DEC-N3232

H.264 COMPRESSED VIDEO OVER IP DECODER, POE, SFP, HDMI/HDCP, USB FOR RECORD

The N3000 Series H.264 compression engine delivers low-latency 1080p60 video at half the bandwidth of comparable encoders. High profile H.264 encoders output unicast or multicast to one or more N3000 Series decoders with the same seamless switching capability as the N1000 and N2000 lines.

NMX-ENC-N3132-C
H.264 COMPRESSED VIDEO OVER IP ENCODER, POE, SFP,HDMI/ HDCP, USB FOR RECORD, CARD

Extends the reach of SVSI Networked AV solutions to the WAN for streaming, video to desktop, digital signage, set-top boxes, or mobile devices applications. Fully integrated with existing Networked AV control options, the N3000 Series delivers the highest quality HD video content at the lowest bandwidth for the most demanding applications.

NMX-DEC-N3232-C
H.264 COMPRESSED VIDEO OVER IP DECODER, POE, SFP, HDMI/ HDCP, USB FOR RECORD, CARD

The N3000 Series H.264 compression engine delivers low-latency 1080p60 video at half the bandwidth of comparable encoders. High profile H.264 encoders output unicast or multicast to one or more N3000 Series decoders with the same seamless switching capability as the N1000 and N2000 lines.

AMX

ENOVA DVX ALL–IN–ONE PRESENTATION SWITCHERS

DVX–2210HD–SP/T

4X2 ALL–IN–ONE PRESENTATION SWITCHERS WITH NX CONTROL (MULTI–FORMAT, HDMI INPUTS)

- **4 Video Inputs:**
  2 Multi-Format DVI (HDMI/HDCP capable)
  2 HDMI/HDCP

- **Amplifier (Available in -SP and -T Models):**
  SP Model (2x25w – 8 Ohm) or
  -T Model (75w – 70V/100V)

DVX–2250HD–SP/T

6X3 ALL–IN–ONE PRESENTATION SWITCHERS WITH NX CONTROL (MULTI–FORMAT, HDMI INPUTS)

- **6 Video Inputs:**
  2 Multi-Format DVI (HDMI/HDCP capable)
  4 HDMI/HDCP

- **Amplifier (Available in -SP and -T Models):**
  -SP Model (2x25w – 8 Ohm) or
  -T Model (75w – 70V/100V)

DVX–2255HD–SP/T

6X3 ALL–IN–ONE PRESENTATION SWITCHERS WITH NX CONTROL (MULTI–FORMAT, HDMI, DXLINK INPUTS)

- **6 Video Inputs:**
  2 Multi-Format DVI (HDMI/HDCP capable)
  2 HDMI/HDCP
  2 DXLink

- **Amplifier (Available in -SP and -T Models):**
  -SP Model (2x25w – 8 Ohm) or
  -T Model (75w – 70V/100V)

DVX–3250HD–SP/T

10X4 ALL–IN–ONE PRESENTATION SWITCHERS WITH NX CONTROL (MULTI–FORMAT, HDMI INPUTS)

- **10 Video Inputs:**
  4 Multi-Format DVI (HDMI/HDCP capable)
  6 HDMI/HDCP

- **Amplifier (Available in -SP and -T Models):**
  -SP Model (2x25w – 8 Ohm) or
  -T Model (75w – 70V/100V)

DVX–3255HD–SP/T

10X4 ALL–IN–ONE PRESENTATION SWITCHERS WITH NX CONTROL (MULTI–FORMAT, HDMI, DXLINK INPUTS)

- **10 Video Inputs:**
  4 Multi-Format DVI (HDMI/HDCP capable)
  4 HDMI/HDCP
  2 DXLink

- **Amplifier (Available in -SP and -T Models):**
  -SP Model (2x25w – 8 Ohm)
  or -T Model (75w – 70V/100V)

DVX–3256HD–SP/T

10X4 ALL–IN–ONE PRESENTATION SWITCHERS WITH NX CONTROL (MULTI–FORMAT, HDMI, 4 DXLINK INPUTS)

- **10 Video Inputs:**
  2 Multi-Format DVI (HDMI/HDCP capable)
  4 HDMI/HDCP
  4 DXLink

- **Amplifier (Available in -SP and -T Models):**
  -SP Model (2x25w – 8 Ohm)
  or -T Model (75w – 70V/100V)

Presentation Switcher	Model	NX Series Control	Amplifier	Multi-Format Inputs	HDMI Inputs	DXLink Inputs	Analog Audio Inputs	Scaled HDMI Outputs	DXLink Twisted Pair Outputs	Analog Audio Outputs	Control Ports (Serial/IR/IO/Relay)
4x2	DVX-2210HD-SP	YES	2x25w - 8 Ohm	2	2	0	4	2	1**	3	4/4/4/4
	DVX-2210HD-T	YES	75w -70V/100V	2	2	0	4	2	1**	3	4/4/4/4
6x3	DVX-2250HD-SP	YES	2x25w - 8 Ohm	2	4	0	4	2	1*	3	4/4/4/4
	DVX-2250HD-T	YES	75w -70V/100V	2	4	0	4	2	1*	3	4/4/4/4
	DVX-2255HD-SP	YES	2x25w - 8 Ohm	2	2	2	4	2	1*	3	4/4/4/4
	DVX-2255HD-T	YES	75w -70V/100V	2	2	2	4	2	1*	3	4/4/4/4
10x4	DVX-3250HD-SP	YES	2x25w - 8 Ohm	4	6	0	8	4	2 **	4	8/8/8/8
	DVX-3250HD-T	YES	75w -70V/100V	4	6	0	8	4	2 **	4	8/8/8/8
	DVX-3255HD-SP	YES	2x25w - 8 Ohm	4	4	2	8	4	2 **	4	8/8/8/8
	DVX-3255HD-T	YES	75w -70V/100V	4	4	2	8	4	2 **	4	8/8/8/8
	DVX-3256HD-SP	YES	2x25w - 8 Ohm	2	4	4	6	4	2 **	4	8/8/8/8
	DVX-3256HD-T	YES	75w -70V/100V	2	4	4	6	4	2 **	4	8/8/8/8

* DVX-225x DXLink output is an independent, unscaled output with power. Scaling occurs at DXLink Receiver.

** DVX-2210 and DVX-325x DXLink outputs are unpowered, paired with an HDMI output & contain identical audio & video content & resolution as companion HDMI output.

HYDRAPORT ARCHITECTURAL CONNECTIVITY

HydraPort Touch reduces clutter on the table top by integrating the control panel into the HydraPort. This elegantly-designed unit opens to reveal a full-featured Modero S control panel and HydraPort chassis. When closed, the unit sits flush with the table top to keep the meeting space neat and clean.

NOTE: All AMX HydraPorts can be designed/configured using the HydraPort Connection Preview application at www.amx.com/hydraportpreview.

HPX-MSP-10

10 MODULE CONNECTION PORT WITH 10.1" PANEL, BLACK OR SILVER

This model allows up to 10 module connection ports and features a 10" Modero S Series Touch Panel, built into the cover. By combining device connectivity and room control into a single unit, the HPX-MSP-10 reduces clutter and saves space on the table top. Available in silver and black.

HPX-MSP-7

8 MODULE CONNECTION PORT WITH 7" PANEL, BLACK OR SILVER

This model allows up to 8 module connection ports and features a 7" Modero S Series Touch Panel, built into the cover. By combining device connectivity and room control into a single unit, the HPX-MSP-7 reduces clutter and saves space on the table top. Available in silver and black.

HYDRAPORT
MODULES

HPX–AV102–HDMI–R
HDMI4K60 Module With Retractable MyTurn™ Ready Cable

HPX–N102–ETH–R
Cat6 Ethernet Module with Retractable Cable

HPX–AV103–RGB+A–R
RGB with Stereo Module with Retractable MyTurn™ Ready Cable

HPX–AV102–USB–R
USB 3.0 Module with Retractable MyTurn™ Ready Cable

HPX–AV102–DP–R
DisplayPort 4K60 Module with Retractable MyTurn™ Ready Cable

HPX–AV102–MDP–R
Mini DisplayPort 4K60 Module with Retractable MyTurn™ Ready Cable

ALERO

ALR–AEC

ALERO WEB CONFERENCING AUDIO MIXER

Alero is a dedicated microphone mixer for up to 8 microphones, designed specifically for PC-based web conferencing applications such as Lync™ or Skype™ for use in medium to large meeting rooms. Alero actively adjusts audio levels and settings and comes with USB audio output, an onboard web configuration tool and supports VTC and audio conferencing systems.

AMX ROOMBOOK

An AMX RoomBook scheduling panel includes everything you need for room scheduling. This gorgeously designed panel is the easiest and fastest way to locate and book an available room and maximize overall space utilization. It can be installed and configured in a matter of minutes with minimal training.

• **Standalone Scheduling Panel that's Quick and Easy to Install** - Reduces cost by streamlining installation, simplifying configuration, and eliminating the need for a controller and monitoring software. Can be installed by the end user with minimal training if desired.

• **Directly Integrates with Microsoft Exchange, Office 365, IBM/Lotus Notes and Google Calendar** - Synchronizes with the most popular scheduling platforms without additional software or configuration complications.

• **10" and 7" Panel Sizes Based on Modero S Hardware** - Raise or lower the panel based on room occupancy, macros, or NetLinx events.

RMBK–1001

10.1" AMX ROOMBOOK SCHEDULING TOUCH PANEL

Standalone scheduling panel integrates with room scheduling software like Microsoft Exchange, Office 365, Google Calendar and IBM/Lotus Notes without additional system hardware requirements. Room availability bars and UI background change between red and green to show availability so users can easily locate and book a room and, if that room is currently booked, users can locate the nearest available room or next available time.

RMBK–701

7" AMX ROOMBOOK SCHEDULING TOUCH PANEL

Standalone scheduling panel integrates with room scheduling software like Microsoft Exchange, Office 365, Google Calendar and IBM/Lotus Notes without additional system hardware requirements. Room availability bars and UI background change between red and green to show availability so users can easily locate and book a room and, if that room is currently booked, users can locate the nearest available room or next available time.

MASSIO KEYPADS
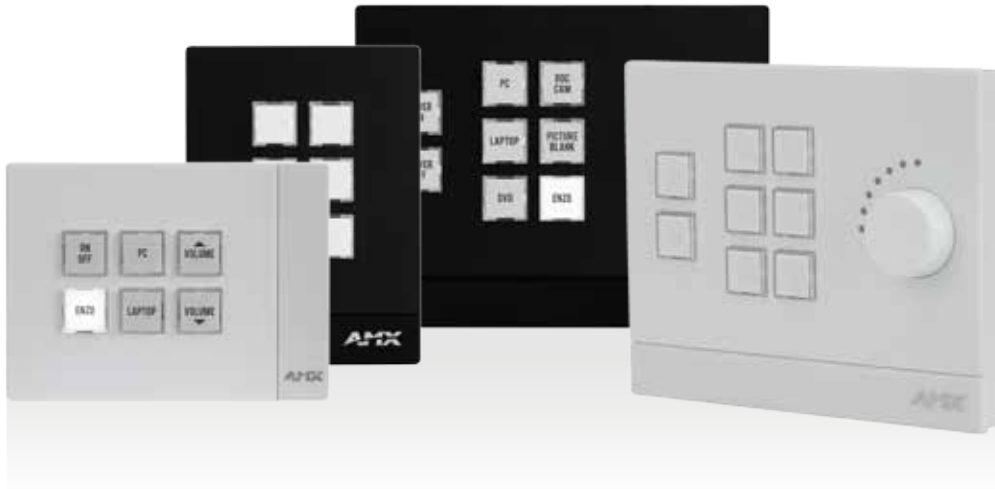
MKP–106

6–BUTTON MASSIO KEYPAD
(US, UK, EU)

Keypad-only version of the MCP-106 Massio ControlPad. Serves as a second user interface or as a primary UI in spaces that already contain a separate controller. Includes large, easy-to-read buttons that make it simple for users to manage complex tasks with a single button press. Available in black or white, landscape or portrait configurations.

MKP–108

8–BUTTON MASSIO KEYPAD WITH KNOB
(US, UK, EU)

Keypad-only version of the MCP-108 Massio ControlPad. Serves as a second user interface or as a primary UI in spaces that already contain a separate controller. Includes large, easy-to-read buttons and a smooth, responsive dial/knob. Available in black or white landscape configurations.

ENOVA DGX 100 SERIES

DIGITAL
MEDIA SWITCHERS

Enova DGX Enclosures
Enova DGX 800/1600/3200/6400 models feature full 4K/Ultra-High Definition (UHD) support, audio breakaway for increased AV flexibility by combining and separating audio from video when combined with new AMX Enova DGX Audio Switching Boards, and an onboard web configuration tool that allows any network connected device to be used to setup and manage an Enova DGX system. All Enova DGX Enclosures are also equipped with an Integrated NetLinx NX Series Central Control Processor, Redundant Power Supplies, SmartScale, InstaGate Pro and Built-In Ethernet Switch.

DGX800–ENC

ENOVA DGX 800 ENCLOSURE

Featuring full 4K/UHD support, audio breakaway and onboard web configuration

DGX1600–ENC

ENOVA DGX 1600 ENCLOSURE

Featuring full 4K/UHD support, audio breakaway and onboard web configuration

DGX3200–ENC

ENOVA DGX 3200 ENCLOSURE

Featuring full 4K/UHD support, audio breakaway and onboard web configuration

DGX6400–ENC

ENOVA DGX 6400 ENCLOSURE

Featuring full 4K/UHD support, audio breakaway and onboard web configuration

DXLINK TRANSMITTERS & RECEIVERS

DX-TX-DWP-4K

DXLINK 4K HDMI DECOR STYLE
WALLPLATE TRANSMITTERS (US)

4K and Ultra High Definition (UHD) capable distance transport solution sends HDMI/HDCP, along with embedded audio or supplemental analog audio up to 70 meters to an Enova DGX Digital Media Switcher. Available in black or white.

• **4K and Ultra High Definition (UHD) Support** – Experience high-quality video resolution for 4K devices

• **Only One Cable** – Send audio and video over one twisted pair cable

• **Send HDMI signals up to 70 meters** – Extend the reach of the HDMI signals far beyond the capabilities of typical HDMI cabling

• **Standard Twisted Pair Cable** – Save time and effort in installation by leveraging cost effective twisted pair cable, see the Cabling for Success with DXLink white paper for more details

• **Easy Installation** – Mounts in standard decor style wallplates
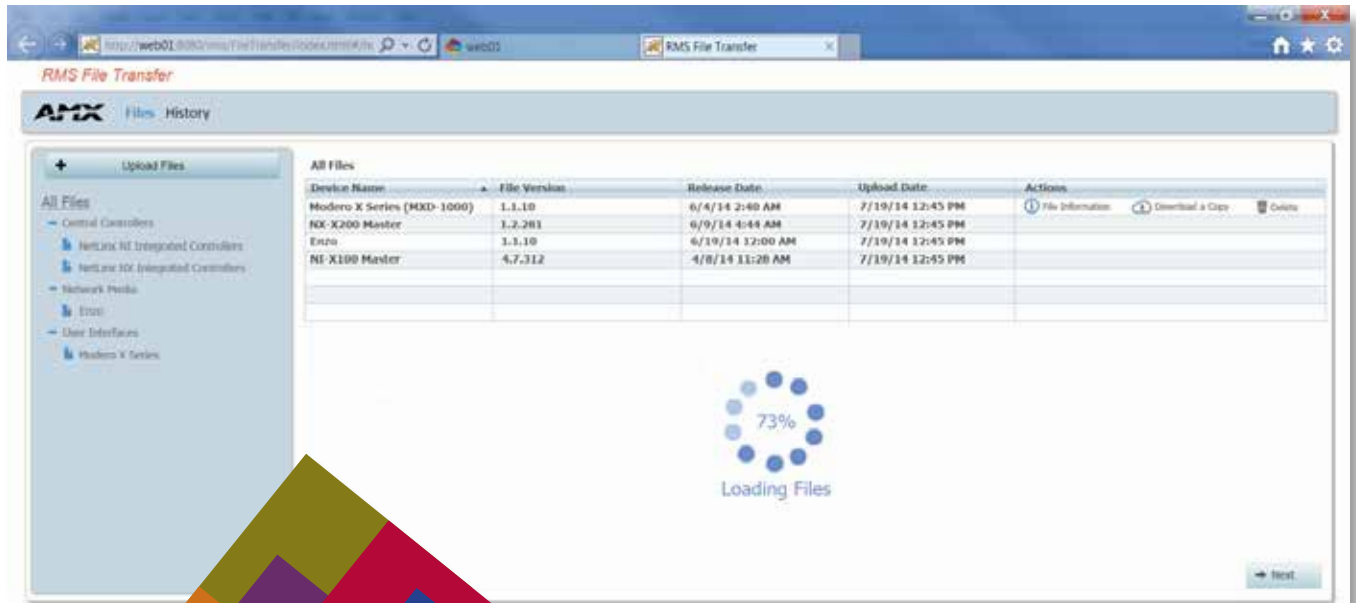
DX-RX-4K

DXLINK 4K HDMI
RECEIVER MODULE

4K and Ultra High Definition (UHD) capable distance transport solution delivers audio, video, control and Ethernet featuring built-in SmartScale Technology, over one standard twisted pair cable from up to 70 meters.

RESOURCE MANAGEMENT SUITE   MAINTENANCE, HOSTED SERVICE & INTERFACES

RMS ENTERPRISE UPDATE MANAGER

MASS DEPLOY NEW RMS FIRMWARE

With the new RMS Enterprise Update Manager, IT and AV Managers now have the ability to stage new AMX firmware, quickly identify AMX devices that are not up to the latest firmware revision, and mass deploy the new firmware to these devices simultaneously with just a few clicks of the mouse.

RAPID PROJECT MAKER
AMX CONTROL SYSTEM CONFIGURATION SOFTWARE

NSS–RPM
RAPID PROJECT MAKER SOFTWARE, VER. **2.4**

Design, Configure, Deploy

Design, configure, and deploy AMX systems in less than an hour

- **In-Room Touch Panel UI Options** – Incorporate more actions on a single screen while minimizing the need to swipe from screen to screen.

- **Massio Virtual Keypad** – Replicate the Massio ControlPad interface on a mobile device or web page.

- **Support for Surface Hub** – Use RPM to configure rooms that have Microsoft Surface Hub.

You need to create an environment to hold The Perfect Meeting – where your presentation material, video, audio and room control technology work together seamlessly to make your meeting a success.

Rapid Project Maker (RPM) is an application designed to eliminate your meeting room technology problems. AMX leveraged decades of experience to bring you a software system that guides you through the process of setting up all of your conference room or classroom technology quickly, easily and reliably - so that everything works perfectly from the start.

For complete details and to get started with RPM today, visit the RPM Portal at **www.amxrpm.com.**

Create the Perfect Meeting in Under an Hour

WITHOUT RPM Automating a Conference Room is:	WITH RPM Automating a Conference Room is:
Difficult. Requires extensive programming skills.	**Simple.** No programming or sophisticated technical knowledge required.
Time Consuming. Takes days or weeks to program a system.	**Fast.** Set up a complete system in an hour or less that works perfectly from the start.
Expensive. Programming costs can consume a budget.	**Affordable.** RPM is free and eliminates expensive programming and integration costs.
Unreliable. Complex programming can lead to complex & unreliable installations, resulting in failed meetings.	**Rock-Solid.** RPM system designs and code are tested and backed by AMX, resulting in the Perfect Meeting.
Inconsistent. Custom programming is difficult to replicate.	**Easy to Duplicate.** Projects are saved to the AMX Cloud and can be deployed to any number of similar rooms.

SOUNDWEB LONDON

BLU-103 CONFERENCING PROCESSOR WITH AEC AND VOIP

POWERFUL CONFERENCING
for install venues

The Soundweb London BLU-103 offers a fixed configuration of 8 analog inputs and 8 analog outputs, a Voice over IP (VoIP) interface, configurable signal processing, acoustic echo cancellation (AEC) processing, and a high bandwidth, fault tolerant digital audio bus, BLU link.

The VoIP port enables the BLU-103 to interface with two VoIP (SIP v2.0 or later) lines.

The BLU-103 contains dedicated AEC processing for up to 8 independent AEC algorithms. The AEC algorithm can be applied to signals coming from the local analog inputs or from the BLU link. 8 individual AEC references (one per algorithm) allow the user to provide a solution for multiple conferencing spaces using a single device.

Automatic Gain Control (AGC) and Noise Cancellation (NC) are also provided per AEC algorithm. AGC ensures that microphone levels remain at an optimum level, and NC removes steady state noise (such as from a projector fan or air conditioning device) from the signal path.

- **8 Analog Inputs**
  (with 48v Phantom Power per Channel)

- **8 Analog Outputs**

- **VoIP Port**

- **Configurable Signal Processing**

- **8 Channels of AEC Processing**
  with Auto Gain Control and Noise Cancellation

- **Rich Palette of Processing and Logic Objects**

- **48 Channel, Low Latency, Fault Tolerant Digital Audio Bus**

- **Clear Front Panel LED Indication**

- **Bi-Directional Locate Functionality**

- **12 Control Inputs and 6 Logic Outputs**
  for GPIO Integration

- **Soundweb London Interface Kit**
  for Third Party Control System Integration (Documentation)

- **HiQnet Device**

- **Configuration, Control and Monitoring from HiQnet**

BLU-DAN DANTE TO BLU LINK BRIDGE

EXPAND YOUR SYSTEM
for conference rooms

The Soundweb London BLU-DAN offers Dante audio and BLU link. This means that the BLU-DAN can be used to 'add' Dante to one or more BLU link devices.

The BLU-DAN is configurable through HiQnet™ Audio Architect. A rich palette of logic objects and a "drag and drop" method of configuration provide a simple and familiar design environment.

The BLU-DAN features Dante audio. The BLU-DAN is capable of simultaneously transmitting and receiving up to 64 channels of Dante audio (64 x 64). Primary and Secondary ports are provided for fault tolerance. Control is through a separate Ethernet port.

The BLU-DAN also features BLU link, a low latency, fault tolerant digital audio bus of 256 channels, which uses standard Category 5e cabling giving a distance of 100m between compatible devices. Fiber media converters can be used to increase the distance between devices to over 40km.

A bi-directional locate function allows devices to be identified both from and within HiQnet Audio Architect.

The BLU-DAN and the other members of the Soundweb London family provide the building blocks of the perfectly tailored system solution.

- **Dante Audio**

- **BLU link – 256 Channel, Low Latency, Fault Tolerant Digital Audio Bus**

- **'Add' Dante to one or more BLU link devices**

- **Clear Front Panel LED Indication**

- **Bi-Directional Locate Functionality**

- **HiQnet Device**

- **Configuration, Control and Monitoring** from HiQnet Audio Architect

- **1RU, Half-Rack Device**

- **Converts Dante audio to BLU link**

- **Converts BLU link to Dante audio**

DRIVECORE™ INSTALL SERIES

FLAGSHIP, CUTTING EDGE
NETWORK INSTALL SERIES

INSTALLS ANYWHERE.
OUTPERFORMS EVERYTHING

network amplifiers for install venues

The new DriveCore install (DCi) series amplifiers is a complete line of high performance installation amplifiers based on the proprietary DriveCore technology. DCi Series amplifiers are designed, engineered and manufactured to the industry's highest quality standards, and provide system integrators with the advanced features and flexibility required for challenging 21st century installed sound applications. Versatile, compact and highly energy-efficient, DCi Series amplifiers continue the unbroken Crown tradition of leadership in professional and commercial power amplifier technology.

- **The next generation of PWM technology** using cutting edge Class D amplifier topologies

- **True Rack Density** power points of 300W or 600W in 2/4/8 channel configurations and 1250W in 2/4 channel configurations

- **Direct Drive "Constant Voltage" capabilities** on a channel by channel basis for 70Vrms or 100Vrms amplification

- **Advanced PFC universal power supply** provides market-leading efficency

- **AUX Port** provides additional flexibility for amplifiers to be integrated in control systems for remote on/off and amplifier fault monitoring

	STEREO (all channels driven)			BRIDGE		
MODEL	4-ohms	8-ohms	70Vrms	8-ohms	16-ohms	200Vrms
DCi 2I2400N	2400W	1900W	2100W	4800W	3800W	4600W
DCi 4I2400N	2400W	1900W	2100W	4800W	3800W	4600W

XLS DRIVECORE™ SERIES 2

HIGH TECHNOLOGY, HIGH VALUE
PORTABLE PA SERIES

BE HEARD
Meet the new XLS DriveCore 2 Series

The next generation of XLS got a makeover with a sleek new look, a LCD display that is three times larger, and more DSP with higher capabilities. Like its predecessor, the new XLS is ultra-efficient with Crown's patented DriveCore technology and can drive 2400W at 4Ω bridged with tons of headroom guaranteeing a clean, undistorted signal straight to your speakers. The XLS DriveCore 2 assures that you will be heard as you deliver a powerful, pure sound experience for any venue.

- **Class D amp with Crown's ultra-efficient DriveCore technology weighs less than 11 lb**

- **Higher DSP capabilities**
  More control; has band pass filter per channel

- **Increased lighting functionality**
  turn off all LED indicators except clip and thermal to reduce distraction in dark venues

- **Selectable input sensitivity**
  1.4Vrms and .775Vrms options so that amp can be driven at full power

- **Set sleep mode after specified time without having to press a button**

- **Peakx™ Limiters**
  provide maximum output while

MODEL	DUAL			BRIDGE	
	2-ohms	4-ohms	8-ohms	4-ohms	8-ohms
XLS1002	550W	350W	215W	1100W	700W
XLS1502	775W	525W	300W	1550W	1050W
XLS2002	1050W	650W	375W	2100W	1300W
XLS2502	1200W	775W	440W	2400W	1550W

500 SERIES

dbx

565 DUAL–BAND OPTICAL COMPRESSOR

The dbx 565 is a dual band optical compressor with a Linkwitz-Riley 4th order (24dB/octave) crossover. Each channel – low frequency and high frequency, offers control over level, compression amount, attack and release times. The 565 uses ultra-low distortion op-amps for clear, highly-defined input and output quality.

590 PHASE MANIPULATOR

The dbx 590 Phase Manipulator is a phase manipulation tool designed to correct problematic audio phase alignment when recording multiple signal sources. A high-quality analog device, the Phase Manipulator helps deliver smooth natural sounding phase curves and adds warmth to your recordings. Simple to use, the variable phase control knob and switchable low cut filter puts you in control of audio phase manipulation.

555 5–BAND PARAMETRIC EQ

The 555 is a 500 series dual slot 5 channel parametric equalizer. With five separate parametric equalizers at available, each channel can be switched on or off as necessary. Also the 555 audio circuit uses LME49720 ultra-low distortion/low noise Op Amps, for superb audio input and output.

540 TUBE MIC

The dbx 540 is a single-slot 500-series tube microphone preamp with pristine audio output. It features a Class A tube preamplifier circuit, switchable phantom power, phase invert, selectable -20dB pad, and a super fast in-line optical compressor. The front panel includes a TRS microphone input.

570 HI–Z MIC PREAMP

The dbx 570 is a high quality variable impedance microphone preamplifier in a 500 series format module. The 570 offers a wide range of tonal color and can bring fresh sonic possibilities and new life to any microphone. The 570 Hi-Z is a powerful tool that will expand your microphone's tonal scope and provide incredible audio excellence.

510 SUBHARMONIC SYNTHESIZER

The dbx 510 Subharmonic Synthesizer achieves a powerful low-end punch without interfering with mid and high frequencies. It provides two separate bands of subharmonic synthesis and an independent Low Frequency Boost. The 510 also includes a bypass switch and LED level indicators to monitor the synthesized frequency levels.

520

DE-ESSER

The dbx 520 De-Esser is remarkably effective at removing sibilance from vocals for smooth, professional-quality recordings. Its gain reduction metering provides at-a-glance indication of the amount of de-essing applied.

- **Based on the dbx 902**
- **Frequency control range from 800Hz to 8kHz**
- **De-essing amount range from 0dB to 20dB**

530

PARAMETRIC EQ

The dbx 530 Parametric EQ is a 3-band parametric equalizer with selectable bell or shelf-type filters on the low- and high-frequency bands, and adjustable Q on each band. The dbx 530 allows adjustment of level and bandwidth at frequencies that have been carefully chosen for maximum musical effectiveness.

- **Based on the dbx 905**
- **Selectable bell or shelf type filters** on low and high frequency bands

560

COMPRESSOR / LIMITER

The dbx 560A Compressor/Limiter provides flexible control of dynamics including threshold, compression ratio and output gain. It offers selectable classic hard-knee compression or exclusive OverEasy® mode incorporating dbx's highly musical program-dependent attack and release times.

- **OverEasy or classic hard knee compression** with dbx's ultra-musical program dependent attack and release times
- **True RMS level detection**

580 MIC PREAMP

The dbx 580 Mic Pre is custom-designed, premium ultra-low noise mic preamp circuitry provides up to 60dB of gain and can accommodate mic or line-level signals. Controls for Gain, Low Cut, High Detail, Low Detail and Polarity Invert allow precise sonic tailoring and the analog VU meter combines old school visual appeal with accurate level indication.

- **Based on the 1086 mic pre**
- **Up to 60dB of gain**
- **High and low detail control**

PowerRack8

8-SLOT 500 SERIES SMART POWER RACK

The dbx PowerRack8 is a 19″ rack-mount power source designed to house up to eight 500-series modules in a vertical configuration. The rear panel sports eight slots of balanced XLR inputs and outputs along with eight slots of unbalanced 1/4″ inputs and outputs. A 48V phantom power switch is located on the front of the rack for easy access. The PowerRack8 boasts rugged, all-metal construction, is designed to be fully compatible with the 500-series format, and features the uniquely powerful and flexible onboard signal routing.

- **Houses Up to Eight 500 Series Single Slot Modules**

- **110V -240V Selectable Voltage operation**

- **+48V Phantom Power**

- **350mA Per Module Slot**

PowerRack3

3-SLOT 500 SERIES SMART POWER RACK

The dbx PowerRack3 is a three slot power supply for your 500 series modules. The rear panel includes balanced XLR inputs and outputs along with balanced TRS 1/4″ inputs and unbalanced outputs. A 48V phantom power switch is located on the rear. The PowerRack3 includes front panel buttons allowing audio routing between modules without the need for manual cable patching.

- **Houses Three 500 Series Single Slot Modules**

- **Digitally controlled, Analog routing**
  Route any combination of modules

- **XLR and 1/4″ Inputs and Outputs**
  Flexible connectivity options

PowerBlock3

3-SLOT 500 SERIES SMART POWER RACK

The dbx PowerBlock3 is a three slot power supply for your 500 series modules housed in a tabletop format for true mobile operation. The rear panel includes balanced XLR inputs and outputs along with balanced TRS 1/4″ inputs and unbalanced outputs. A 48V phantom power switch is located on the rear. The PowerBlock3 includes front panel buttons allowing audio routing between modules without the need for manual cable patching.

- **Houses Three 500 Series Single Slot Modules**

- **Digitally controlled, Analog routing**
  Route any combination of modules

- **XLR and 1/4″ Inputs and Outputs**
  Flexible connectivity options

DRIVERACK SERIES

DRIVERACK® VENU360

COMPLETE LOUDSPEAKER
MANAGEMENT SYSTEM

SUPERCHARGE YOUR SYSTEM

for install, portable, or tour venues

The VENU360 provides all the processing and flexibility you need between your mixer and amplifiers to optimize and protect your loudspeakers. With the latest advancements in dbx's proprietary AutoEQ™ and AFS™ algorithms, additional input channels, ethernet control via an Android, iOS, Mac,® or Windows® device, and updated wizards, the DriveRack VENU360 continues the DriveRack legacy of great-sounding, powerful, and affordable loudspeaker management processors, for a whole new generation.

- **dbx Compression**

- **AFS™**
  (Advanced Feedback Suppression)

- **31-Band Graphic EQ**

- **12-Band Parametric EQ**
  (with narrow notch capabilities)

- **Subharmonic Synthesis**

- **Backline Delay**

- **Noise Gate**

DRIVERACK VENU360-B

COMPLETE LOUDSPEAKER
MANAGEMENT SYSTEM WITH BLU link

DRIVERACK VENU360-D

COMPLETE LOUDSPEAKER
MANAGEMENT SYSTEM WITH DANTE

goRack PERFORMANCE PROCESSOR

GO WHERE THE PERFORMANCE TAKES YOU
for install, portable, or tour venues

Historically, the convenience of portability in a PA System has meant a compromise in sound quality and fidelity. To answer that call, we at dbx Professional Products are proud to introduce the all-new goRack™ Portable Performance Processor. The goRack is an easy-to-use portable speaker processor. Based on our industry-leading DriveRack® Series, the goRack sits next to a set of powered speakers and provides powerful signal processing including Anti-Feedback (based on our AFS Advanced Feedback Suppression algorithm), Compression, Sub-Harmonic Synth and EQ. Each processing function can easily be enabled or disabled via top-level function buttons, and settings can be adjusted via goRack's large data wheel.

goRack's rear panel features combination 1/4"/XLR inputs that can be connected to either mixer outputs or microphones. When using a mic, the goRack's Mic/Line switch selects the proper input sensitivity and gain range while dual gain controls on the top provide independent level adjustment. goRack's 1/8" aux input allows for direct connection of mobile music players while XLR outputs interface with powered speakers.

- **Anti-Feedback**
  (AFS Advanced Feedback Suppression)

- **Compressor**
  (based on the dbx 163)

- **Subharmonic Synthesis**

- **EQ**
  Custom Presets

- **Compact Form Factor**

- **Dual dbx Microphone Preamp/Line Inputs**

- **Selectable Mic/Line Input Settings**

- **Stereo Inputs and Outputs**

- **Combination Mic/Line Input Jacks and XLR Outputs**

- **1/8" Stereo Aux Input for Mobile Music Players/Devices**

- **Independent Left and Right Channel Volume Controls**

dbx ACCESSORIES

CT2 CABLE TESTER

The CT2 offers many common connectors such as Speaker twist, XLR, Phono, BNC, DIN, TRS, TS, DMX, and Banana. The CT2 allows for testing cables even with different connectors at each end. For example, it is simple to test a TRS to XLR cable. With well-illuminated LED indicators and a simple rotary dial, users can quickly establish whether a cable is wired and functioning correctly, or if it is dead and in need of repair.

- **6-position rotary selector**
  with individual LED's for up to five pins
  plus internal battery life check

CT3 ADVANCED CABLE TESTER

The dbx CT3 is an advanced cable testing unit allowing you to evaluate a large variety of cables with ease. The CT3 offers many common connectors such as RJ45, RJ11, MIDI, Speaker Twist, XLR, RCA Phono, BNC, DIN, TRS, TS, DMX, and Banana.

- **8-position automatic indication cable tester**

- **2 piece chassis for testing installed cables**

DI1 ACTIVE DIRECT BOX

The DI1, active direct box, features a rugged construction, 20dB and 40dB attenuation, phantom or battery operation, ground lift, and XLR output. With its quality construction, and extraordinary audio performance, the DI1 is a necessary component in many applications.

DJDI 2-CHANNEL PASSIVE DIRECT BOX

The DJDI is an indispensable tool for interfacing between various pieces of audio equipment in many applications. It enables the connection of any unbalanced audio line level signal from electric instruments, DJ mixers, guitars, etc. to be converted to a balanced signal in stereo.

dbx

SRX800 SERIES

SRX800 SERIES SELF–POWERED LOUDSPEAKER SYSTEM

ULTIMATE PERFORMANCE WITHOUT COMPROMISE

portable market

JBL Professional has made a name for itself by producing great sounding, long lasting portable PA systems. With the introduction of the SRX800 line of powered portable PA loudspeakers, JBL has set the standard for what a fully professional powered PA system should be. SRX800 breaks new ground, bringing together JBL's premium transducers and enclosures, Crown's Proprietary Front-End DriveCore Technology, user-configurable DSP, and full HiQnet Network control compatible with a variety of platforms. Integrating industry-leading levels of sound quality, power, control, and durability, SRX800 is a perfect all in one solution wherever high performance, comprehensive control, and pristine sound are required. Each component in the SRX800 Series was purposefully designed and thought through to deliver a perfectly tuned system that is powerful, easy to use, and rugged enough for the most demanding applications.

- **The full range 12" two-way, 15" two-way and 15" three-way systems are powered by proprietary 2,000 Watt Crown amplification**

- **The 18" subwoofer and 18" dual subwoofer feature 1,000 and 2,000 Watt Crown amplifiers**

- **All models integrate Crown's Proprietary Front-End DriveCore Technology**

- **Premium JBL User-Configurable DSP**
  including V5 Tunings compatible with our flagship Vertec and VTX touring systems

- **Full HiQnet Network Control**
  with Mac and PC software and standalone applications for iOS and Android

SRX812P

12" TWO–WAY BASS REFLEX SELF–POWERED SYSTEM

The full range 12" two-way, SRX812P features legendary JBL Drivers, proprietary 2,000 Watt Crown amplification, Crown Front-End DriveCore Technology, premium JBL user-configurable DSP, V5 Tunings compatible with Vertec and VTX touring systems, and HiQnet Network control options via iOS and Android applications.

- **Purposeful Design: Rugged, Intuitive to Use, Easy to Transport**
- **JBL Premium Transducers**
- **Drivecore Amplification By Crown**
- **Full User-Configurable DSP**
- **Network Control**

SRX815P

15" TWO–WAY BASS REFLEX SELF–POWERED SYSTEM

The full range 15" two-way, SRX815P features legendary JBL Drivers, proprietary 2,000 Watt Crown amplification, Crown Front-End DriveCore Technology, premium JBL user-configurable DSP, V5 Tunings compatible with Vertec and VTX touring systems, and HiQnet Network control options via iOS and Android applications.

- **Purposeful Design: Rugged, Intuitive to Use, Easy to Transport**
- **JBL Premium Transducers**
- **Drivecore Amplification By Crown**
- **Full User-Configurable DSP**
- **Network Control**

SRX835P

15" THREE–WAY BASS REFLEX SELF–POWERED SYSTEM

The full range 15" three-way, SRX835P features legendary JBL Drivers, proprietary 2,000 Watt Crown amplification, Crown Front-End DriveCore Technology, premium JBL user-configurable DSP, V5 Tunings compatible with Vertec and VTX touring systems, and HiQnet Network control options via iOS and Android applications.

- **Purposeful Design: Rugged, Intuitive to Use, Easy to Transport**
- **JBL Premium Transducers**
- **Drivecore Amplification By Crown**
- **Full User-Configurable DSP**
- **Network Control**

SRX818SP

18" SELF–POWERED SUBWOOFER SYSTEM

A full suite of User Controllable DSP driven by the SRX800 Series powerful onboard 400MHz Sharc DSP includes 20 PEQ's, 2 seconds of delay, signal generators, Input mixing, amplifier monitoring, and 50 User Presets. In addition, the system can incorporate V5 JBL Tunings providing compatibility with our flagship Vertec and VTX touring systems.

- **Purposeful Design: Rugged, Intuitive to Use, Easy to Transport**
- **JBL Premium Transducers**
- **Drivecore Amplification By Crown**
- **Full User-Configurable DSP**
- **Network Control**
- **18" Subwoofer**

SRX828SP

18" DUAL SELF–POWERED SUBWOOFER SYSTEM

A full suite of User Controllable DSP driven by the SRX800 Series powerful onboard 400MHz Sharc DSP includes 20 PEQ's, 2 seconds of delay, signal generators, Input mixing, amplifier monitoring, and 50 User Presets. In addition, the system can incorporate V5 JBL Tunings providing compatibility with our flagship Vertec and VTX touring systems. An integrated LCD screen supports fast setup and configuration.

- **Purposeful Design: Rugged, Intuitive to Use, Easy to Transport**
- **JBL Premium Transducers**
- **Drivecore Amplification By Crown**
- **Full User-Configurable DSP**
- **Network Control**

SRX800 PASSIVE SERIES

SRX800 SERIES PASSIVE LOUDSPEAKER SYSTEM

ULTIMATE PERFORMANCE WITHOUT COMPROMISE
portable market

SRX800 Passive is a line of premium portable speakers that deliver the best sound quality, power handling, and workmanship in their class. Custom built, industry leading JBL transducers and enclosures give SRX800 the power and ruggedness to stand up to a variety of demanding applications and provide reliable, pristine sound wherever it is needed.

JBL Professional has made a name for itself by producing great sounding, long lasting portable PA systems. With the incorporation of tunings available for Crown amplifiers and dbx signal processors, SRX800 is an optimal choice for a fully integrated Harman Professional sound system controlled through Audio Architect.

Integrating industry-leading levels of sound quality, power, control, and durability, SRX800 is a perfect all in one solution wherever high performance, comprehensive control, and pristine sound are required.

- **Premium JBL Transducers**

- **Tunings Available for Crown Amps and dbx Signal Processors**

- **Fully Supported in Audio Architect**

- **Amplification Options: Passive/Bi-Amp**

SRX812

12" TWO-WAY BASS REFLEX PASSIVE SYSTEM

SRX812 is a two-way full range passive portable speaker with a 12" woofer made for use as a light-duty main PA, monitor, or rear or side fill. Featuring M10 suspension points and feet for both floor standing and monitor use, the SRX812 is an ideal solution for musicians, bands, and DJs, concert use, public speaking, and more.

- **Power Handling: 3200W Peak, 1600W Program, 800W Continuous**
- **Frequency Range: 41Hz-20kHz**
- **Frequency Response: 57Hz-20kHz**
- **Max SPL: 135dB**
- **Coverage Pattern: 90 x 50**

SRX815

15" TWO-WAY BASS REFLEX PASSIVE SYSTEM

SRX815 is a two-way full range speaker with a 15" woofer made for use as a light to medium duty main PA, monitor, or rear or side fill. Tunings and presets are available for Crown ITech HD and XTI 2 amps as well as dbx VENU360 signal processors.

- **Power Handling: 3200W Peak, 1600W Program, 800W Continuous**
- **Frequency Range: 41Hz-20kHz**
- **Frequency Response: 56Hz-20kHz**
- **Max SPL: 136dB**
- **Coverage Pattern: 90 x 50**

SRX818S

18" PASSIVE SUBWOOFER SYSTEM

SRX818S is a single 18" subwoofer for concert, touring, or installed use. Featuring a standard M20 pole cup for use with top boxes, indexing feet for stacking in both the standard and cardioid position, and a 136dB max SPL, the SRX818S is an ideal solution for musicians, bands, and DJs, concert use, public speaking, or installations.

- **Power Handling: 2400W Peak, 1200W Program, 600W Continuous**
- **Frequency Range: 28Hz-150Hz**
- **Frequency Response: 45Hz-150Hz**
- **Max SPL: 135dB**

SRX828S

18" DUAL PASSIVE SUBWOOFER SYSTEM

SRX828S is a dual 18" subwoofer for concert, touring, or installed use. Featuring a wide stance for splaying top boxes, indexing feet for stacking in both the standard and cardioid position, and a 141dB max SPL, the SRX828S is an ideal solution for musicians, bands, and DJs, concert use, public speaking, or installations such as performance venues, corporate spaces, educational facilities or houses of worship.

- **Power Handling: 4800W Peak, 2400W Program, 1200W Continuous**
- **Frequency Range: 30Hz-150Hz**
- **Frequency Response: 47Hz-150Hz**
- **Max SPL: 141dB**

JBL
PROFESSIONAL

VTX

VTX V25-II
FULL SIZE THREE-WAY HIGH-DIRECTIVITY LINE ARRAY WITH COMRESSION SUSPENSION SYSTEM

Designed for portable and fixed-venue system operators alike, VTX features JBL's legendary sound quality coupled with the most advanced sound reinforcement technology and support available.

- **New 4th Generation HF Waveguide technology**

- **Revolutionary D2 Dual Diaphragm, Dual Voice Coil Compression Driver**

VTX M20   DUAL 10" PREMIUM STAGE MONITOR

VTX M Series is JBL's latest in premium stage monitoring products designed for the most demanding, highest output stage monitoring applications, including high profile concerts, broadcast events or fixed installations.

- **Elegant low profile design**
- **State of the art JBL transducers**
- **Unique diamond shaped flares**
- **Single or Bi-amplified operation**

VTX M22   DUAL 12" PREMIUM STAGE MONITOR

New waveguide coupled with a D2 Dual Diaphragm high frequency delivers a symmetrical 60H x 60V coverage pattern that is spatially consistent, allowing M-Series to reach excellent gain before feedback performance.

- **Elegant low profile design**
- **State of the art JBL transducers**
- **Unique diamond shaped flares**
- **Single or Bi-amplified operation**

CSX F35   HIGH PERFORMANCE DUAL 15" 3-WAY SPEAKER

The CSX F35 can be the go-to choice for customers needing high-power side-fills, mains speakers, or a V5-compliant high-performance compliment to a larger VTX system. This system has an exceptional power-to-weight ratio thanks to its lightweight, Differential Drive 15" and 8" transducers, and it benefits from proven JBL technologies, including a multi-band Progressive Transition Waveguide and the high-performance D2 high frequency driver.

- **High output three-way enclosure featuring the D2 Dual Diaphragm Dual Voice Coil HF driver in a light-weight trapezoidal enclosure.**

- **This system has an exceptional power-to-weight ratio thanks to its light weight, Differential Drive 15" and 8" transducers**

CINEMA

9300 TWO–WAY PASSIVE CINEMA SURROUND LOUDSPEAKER

The 9300 Cinema Surround offers high 250 Watt power handling capability, high sensitivity, and extended base response in a groundbreaking design. The two-way 9300 features new transducer technologies, waveguide and horn designs developed specifically to produce studio quality performance with pattern control tailored to modern theatre geometries. Combining JBL's Image Control Technology and new asymmetric wave-shaping techniques, the 9300 surround features a Wave Shaping Vane, integral to the design, to distribute acoustic energy in proper proportion to the room.

- **250 Watt Power handling capability**

- **Wave Shaping Vane distributes an acoustic energy wave-front sculpted to the room**

- **High Frequency Horn features JBL Image Control Technology for precise pattern control**

9310 TWO–WAY PASSIVE CINEMA SURROUND LOUDSPEAKER

The 9310 Cinema Surround offers high 350 Watt power handling capability, high sensitivity, and extended base response in a groundbreaking design. The two-way 9310 features new transducer technologies, waveguide and horn designs developed specifically to produce studio quality performance with pattern control tailored to modern theatre geometries. Combining JBL's Image Control Technology and new asymmetric wave-shaping techniques, the 9310 surround features a Wave Shaping Vane, integral to the design, to distribute acoustic energy in proper proportion to the room.

- **350 Watt Power handling capability**

- **Wave Shaping Vane distributes an acoustic energy wave-front sculpted to the room**

- **High Frequency Horn features JBL Image Control Technology for precise pattern control**

5628 ULTRA LONG EXCURSION VERY HIGH POWER DUAL 18" CINEMA SUBWOOFER

The 5628 is a high power, lightweight front-loaded vented subwoofer enclosure housing two of JBL's exclusive 2269H Ultra Long Excursion 18" Differential Drive® woofers. This woofer features neodymium magnet, dual voice coils and dual gaps, JBL's exclusive Vented Gap Cooling™ and ultra robust composite cone for high excursion and extra long life. Woofer is capable of a peak-to-peak maximum excursion of 89 mm (3.5").

- **2 x 2269H 18" Differential Drive dual voice coil dual gap, neodymium magnet transducers**

- **4000 watts continuous pink noise,16000 watts peak power handlingcapacity**

AE EXPANSION SERIES

AE EXPANSION SERIES INSTALLATION LOUDSPEAKER SYSTEMS

HIGH–QUALITY, HIGH–FIDELITY

for installed applications

The eight new systems are designed for use in a variety of applications. All models are equipped with multiple M10 attachment points and additional installation-friendly features and utilize a rugged grille design and system appearance suitable for nearly all indoor environments.

The AE Expansion Series includes six two-way full-range systems and two subwoofer models. The full-range systems include 14 M10 suspension points and four M8 mounting points for use when a wall mount bracket is required. The subwoofer models include 12 M10 suspension points. All models are available in both black and white textured coatings and are intended for indoor use.

These new low-cost systems are a perfect choice for projects including bars, restaurants, clubs, lounges, worship facilities, gymnasiums, retail spaces, and education facilities. Their compact size provides opportunities for system designers to satisfy most architectural requirements.

- The AC895, 8" 2-way and AC195, 10" 2-way utilize a 90 x 50 rotatable waveguide

- There are two new 12" 2-way full-range systems, AC266 and AC299, as well as two new 15" 2-way full-range systems, AC566 and AC599, utilizing two new waveguides with coverage patterns consisting of 60 x 60 and 90 x 90

- A perfect choice for projects including bars, restaurants, clubs, lounges, worship facilities, gymnasiums, retail spaces, and education facilities.

AC895

TWO–WAY FULL–RANGE
LOUDSPEAKER
WITH 1 X 8" LF

- **Frequency Range (-10 dB)**
  70 Hz - 20 kHz
- **Frequency Response (±3 dB)**
  90 Hz - 18 kHz
- **System Sensitivity (1w @ 1m)**
  94 dB

AC195

TWO–WAY FULL–RANGE
LOUDSPEAKER
WITH 1 X 10" LF

- **Frequency Range (-10 dB)**
  68 Hz - 20 kHz
- **Frequency Response (±3 dB)**
  85 Hz - 18 kHz
- **System Sensitivity (1w @ 1m)**
  95 dB

AC266

TWO–WAY FULL–RANGE
LOUDSPEAKER
WITH 1 X 12" LF

- **Frequency Range (-10 dB)**
  63 Hz - 20 kHz
- **Frequency Response (±3 dB)**
  80 Hz - 18 kHz
- **System Sensitivity (1w @ 1m)**
  97 dB

AC299

TWO–WAY FULL–RANGE
LOUDSPEAKER
WITH 1 X 12" LF

- **Frequency Range (-10 dB)**
  63 Hz - 20 kHz
- **Frequency Response (±3 dB)**
  80 Hz - 18 kHz
- **System Sensitivity (1w @ 1m)**
  97 dB

AC566

TWO–WAY FULL–RANGE
LOUDSPEAKER
SYSTEM WITH 1 X 15" LF

- **Frequency Range (-10 dB)**
  60 Hz - 20 kHz
- **Frequency Response (±3 dB)**
  75 Hz - 18 kHz
- **System Sensitivity (1w @ 1m)**
  98 dB

AC599

TWO–WAY FULL–RANGE
LOUDSPEAKER
SYSTEM WITH 1 X 15" LF

- **Frequency Range (-10 dB)**
  60 Hz - 20 kHz
- **Frequency Response (±3 dB)**
  75 Hz - 18 kHz
- **System Sensitivity (1w @ 1m)**
  98 dB

AC115S

15" HIGH POWER
SUBWOOFER SYSTEM

- **Frequency Range (-10 dB)**
  32 Hz - 250 kHz
- **Frequency Response (±3 dB)**
  40 Hz - 250 kHz
- **System Sensitivity (1w @ 1m)**
  94 dB

AC118S

18" HIGH POWER
SUBWOOFER SYSTEM

- **Frequency Range (-10 dB)**
  32 Hz - 250 kHz
- **Frequency Response (±3 dB)**
  40 Hz - 250 kHz
- **System Sensitivity (1w @ 1m)**
  95 dB

PD500 SERIES

HIGH POWER AND CONSTANT COVERAGE
for installed applications

The new PD5000 Series joins JBL's broad lineup of installed sound loudspeakers, complementing the larger PD700 mid-high cabinets with a more compact size and supplementing the smaller AE Series cabinets with higher SPL capability and larger horns for pattern control to a lower frequency. The PD5000 Series loudspeakers deliver high power and constant coverage in a lowprofile form. Featured across the PD5000 Series, newly developed 24 by 24 in Progressive Transition™ mid-frequency rotatable waveguides that provide versatility, excellent pattern control with low distortion and extremely natural sound character. This is an evolution of the waveguide technology of the successful JBL Professional Application Engineered™ (AE) install series. Also incorporating sophisticated, steepslope passive crossover networks minimize band overlap, further enhancing off-axis pattern control. User accessible internal switches allow for a fully active crossover.

PD544   **PD**564   **PD**566

PD595   **PD**525S

COMMERCIAL SOUND PRODUCTS

CONTROL HST
WIDE-COVERAGE SPEAKER WITH 5-1/4"
LF AND DUAL TWEETERS

The Control HST utilizes JBL's patented Hemispherical Soundfield Technology™ to achieve extremely wide coverage of the listening space along with elimination of the primary wall reflection that tends to cause inconsistent sound when other speakers are attached to a wall. The wide hemispherical soundfield covers from wall to wall, allowing a single speaker to provide high-fidelity full-range sound to a large listening area.

- **50 Hz – 20 kHz Frequency Range**
- **Very Wide 180° Horizontal x 160° Vertical Coverage**
- **100W at 8 ohms, plus 60W multi-tap for 70V/100V**

CONTROL 31
TWO-WAY 10" HIGH-OUTPUT
MONITOR SPEAKER

Control 31 is a 250 Watt, extended bandwidth speaker with an extremely smooth frequency response and excellent off-axis coverage. The LF driver features a woven fiberglass cone and the high-output 24014H-C features a patented design and high-temperature polymer diaphragm.

- **250 mm (10 inch) Woofer and Rugged 2414H-C Compression Driver**
- **33 Hz – 19 kHz Frequency Range**
- **250 Watts (at 8 ohms) plus 150 Watt Multi-tap for 70V/100V**

SB2210
DUAL 10" COMPACT SUBWOOFER

The SB2210 provides low frequency reinforcement for a wide variety of sound system applications. Its compact size, high output and outdoor capable design make it one of the most versatile subwoofers in the installation market. The internal angled baffle allows for a large port opening and compact front dimensions without compromising driver size. The SB2210 produces warm, punchy low-end sound, now with a flatter frequency response and extended low-frequency extension.

- **Two 250 mm (10 inch) Long-Excursion Drivers with Woven-Fiberglass Cone**
- **Response down to 38 Hz**
- **500W Cont Pink Noise (1000W Program; 2000W Peak)**

CONTROL 64P/T
COMPACT FULL-RANGE PENDANT
LOUDSPEAKER

The Control 64P/T is a compact full-range, pendant-type loudspeaker that provides superb sound reproduction for rooms with open architecture ceilings and other locations where a pendant form factor is desired. The 120° coverage pattern (averaged mid-range coverage angle) distributes the sound broadly for the listening space. Stylish design and easy installation makes the Control 64P/T ideal for a wide variety of applications.

- **100 mm (4 inch) Full-Range Driver with Polypropylene-Coated Cone**
- **65 Hz – 15 kHz Frequency Range**
- **50W Cont Pink Noise (100W Program; 200W Peak) at 8 ohms, plus 30W Multi-Tap 70V/100V Transformer**

CONTROL 80 M SERIES

MUSHROOM–TYPE OUTDOOR LANDSCAPE SPEAKERS

The Control 80 Series mushroom-type landscape speakers feature high fidelity performance for outdoor in-ground or on-ground use in applications such as hotels, restaurants, and shopping complexes.   A wide frequency response and 360° of horizontal coverage ensure coverage of outdoor spaces with top-quality music and/or intelligible paging. The wiring entrance is via an included water-tight gland nut fitting which can be located in a number of positions on the speaker (installed in the field). A double-chamber seal helps to further protect connections and electrical components for long-term reliability.   Color infused throughout the enclosure case minimizes the visual impact of the nicks and scratches that can happen with outdoor speakers.

CONTROL 85M

COMPACT SPEAKER

- **135 mm (5 ¼ inch) Woofer with Polypropylene Cone and 19 mm (¾ inch) in-set tweeter**

- **360° Coverage (horizontally)**

- **75W Cont Pink Noise (150W Program; 300W Peak) at 8 ohms, plus 30W Multi-Tap 70V/100V Transformer**

CONTROL 88M

HIGH–OUTPUT SPEAKER

- **200 mm (8 inch) Woofer with Polypropylene Cone and 25 mm (1 inch) in-set tweeter**

- **360° Coverage (horizontally)**

- **100W Cont Pink Noise (200W Program; 400W Peak) at 8 ohms, plus 60W Multi-Tap 70V/100V Transformer**

CONTROL CONTRACTOR SURFACE–MOUNT LOUDSPEAKERS

CONTEMPORARY DESIGN, QUALITY PERFORMANCE

The new, refreshed Control Contractor Surface-Mount Loudspeaker models feature a contemporary high-design look that fits into a wide variety of décor.   Models are for both low-Z (8 ohm) and and high-Z (70V and/or 100V) applications. U-bracket attachment points are included. Sound quality features flatter frequency responses, wider coverage, greater consistency of coverage within the listening space, and extended bass response. Woofers feature woven fiberglass cones and tweeters include increased damping for lower distortion. Power handling has been increased and mid-band sensitivity improved, resulting in higher Maximum SPL. Outdoor capability features improved stock grilles, more highly rust resistance of WeatherMax™ grilles, screw-down terminals, and greater UV treatment (white models).

CONTROL 23–1

ULTRA–COMPACT INDOOR/OUTDOOR
BACKGROUND/FOREGROUND SPEAKER

- **76 mm (3 inch) Woofer and 13 mm (½ inch) Tweeter**
- **70 Hz – 20 kHz Frequency Range**
- **50W Cont Pink Noise (100W Program; 200W Peak) at 8 ohms, plus 15W Multi-Tap 70V/100V Transformer**

CONTROL 25–1

COMPACT INDOOR/OUTDOOR
BACKGROUND/FOREGROUND SPEAKER

- **135 mm (5 ¼ inch) Woofer and 19 mm (¾ inch) Tweeter**
- **60 Hz – 20 kHz Frequency Range**
- **100W Cont Pink Noise (200W Program; 400W Peak) at 8 ohms, plus 30W Multi-Tap 70V/100V Transformer**

CONTROL 28–1

HIGH–OUTPUT INDOOR/OUTDOOR
BACKGROUND/FOREGROUND SPEAKER

- **200 mm (8 inch) Woofer and 25 mm (1 inch) Tweeter**
- **45 Hz – 20 kHz Frequency Range**
- **120W Cont Pink Noise (240W Program; 480W Peak) at 8 ohms, plus 60W Multi-Tap 70V/100V Transformer**

Optional Accessories:
MTC-23UB-1, MTC-25UB-1, MTC28UB-1 (&-WH) U-Brackets for Control 23-1, 25-1 & 28-1. MTC-23WMG-1, MTC-25WMG-1, MTC-28WMG-1 (&-WH) WeatherMax™ Grilles with backing (powder-coated thick aluminum). MTC-23CM, MTC-25CM, MTC-28CM Ceiling-Mount Adapters

EN54 CERTIFIED CEILING SPEAKERS

CSS–15C–VA
5" CEILING LOUDSPEAKER

CSS-15C-VA is a full-range, EN54-24 certified ceiling speaker consisting of a 127 mm (5 inch) full-range dual-cone driver, torsion-mounted into an included easy-install blind-mount metal fire dome. The speaker is designed to provide clear and intelligible sound for applications requiring EN54 certification and/or BS5839 compliance.

- **Component: 127 mm (5 in) fullrange dual-cone loudspeaker**
- **EN54-24 certified and compliant with BS5839-8 standard.**
- **6W, 3W and 1.5W multi-tap transformer for use on 100V distributed speaker lines.**

CONTROL 12C/VA
3" COMPACT CEILING LOUDSPEAKER

Control 12C-VA is a full-range, EN54-24 certified ceiling speaker consisting of a 76 mm (3 inch) full-range driver mounted in a vented, paintable baffle made of UV resistant UL94-V0 and UL94-5VB flammability-rated material, with a preattached blind-mount backcan for quick and easy installation.

- **76 mm (3 in) full-range driver**
- **EN54-24 Compliant**
- **Blind-mount backcan for quick and easy install**
- **68 Hz – 17 kHz bandwidth with wide 130° coverage**

14C–VA
TWO–WAY 4" CO–AXIAL CEILING LOUDSPEAKER

Control 14C-VA is a full-range, EN54-24 certified ceiling speaker consisting of a 100 mm (4 inch) high tech cone driver and a 19 mm softdome liquid cooled tweeter mounted in a vented, paintable baffle made of UV resistant UL94-V0 and UL94-5VB flammability-rated material, with a pre-attached blind-mount backcan for quick and easy installation.

- **EN54-24 Compliant**
- **Blind-mount backcan for quick and easy install**
- **74 Hz – 20 kHz bandwidth with wide 120° coverage**

16C–VA
### TWO–WAY 6.5" CO–AXIAL CEILING LOUDSPEAKER

Control 16C-VA is a full-range, EN54-24 certified ceiling speaker consisting of a 165 mm (6.5 inch) high tech cone driver and a 19 mm soft-dome liquid cooled tweeter mounted in a vented, paintable baffle made of UV resistant UL94-V0 and UL94-5VB flammability-rated material, with a pre-attached blind-mount backcan for quick and easy installation.

- **62 Hz – 20 kHz bandwidth with wide 110° coverage**
- **High 91 dB sensitivity for high maximum SPL**
- **EN54-24 Compliant**
- **Blind-mount backcan for quick and easy install**

MORE EN54 CERTIFIED PRODUCTS

- AW266-LS
- AW295-LS
- AW526-LS
- AW566-LS
- AW595-LS

- CBT 50LA-LS
- CBT 100LA-LS
- Control 25AV-LS
- Intellivox ADC-V90 Mark II
- Intellivox ADC-H90 Mark II

INTELLIVOX

12ft 3 1/8 in   3.74 m
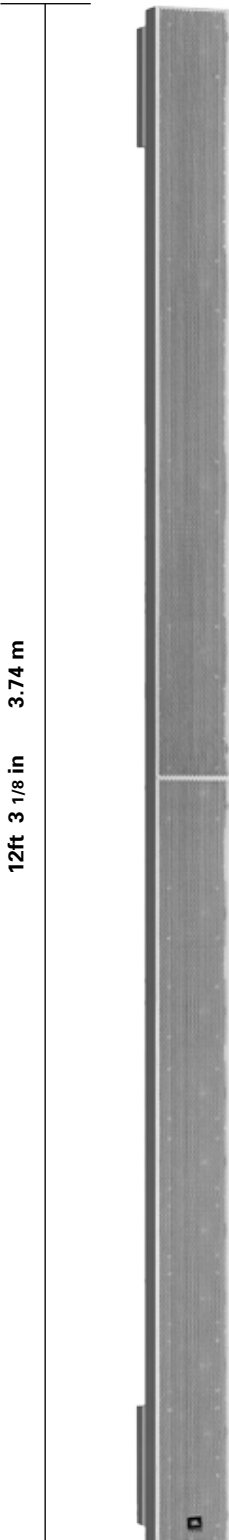
INTELLIVOX HP–DS370

ACTIVE BEAM SHAPING, SELF–POWERED,
LOUDSPEAKER ARRAY

DIGITALLY CONTROLLABLE, BEYOND BEAM STEERING
for installed applications

The Intellivox HP-DS370 is a self-contained, especially high-power and high-output, two-way, wide-bandwidth beam-shaping powered loudspeaker column loudspeaker with a high degree of outdoor capability. The HP-DS370 is a modern update to the classic Intellivox DS1608, which was the world's first commercially available beam-shaping high power loudspeaker array. Since beam shaping's introduction in 1999 the Intellivox High Power models have been specified to solve the problems of speech intelligibility and musical reinforcement in large highly reverberant spaces and theatres. The Intellivox HP-DS370 is capable of delivering up to 108 dB SPL at 30 meters (100 ft), as well as a frequency response to 18kHz. With an array length of 3.7 meters (12′ 2″) the Intellivox HP-DS370 not only offers long throw capability but also greater control at low frequencies. Intellivox HP-DS370 is capable of covering a substantial audience area while maintaining an even sound pressure level throughout. For full range applications JBL-Axys Beam Shaping Subwoofers can be used in conjunction with the HP-DS370 to provide enhancement and control at low frequencies, resulting in a full-range high-fidelity performance system. The fourteen, high efficiency, 6.5″ loudspeakers are arranged in accordance with our patented algorithm. Two coaxially mounted 1″ compression drivers extend the HF response.

* **Fourteen 165 mm (6.5 inch) Woofers and Two Coaxially-Mounted HF Compression Drivers.**

* **Sixteen Channels of DSP and Amplification**

* **Capable of Both Beam Steering and Complex Beam Shaping to More Precisely Cover Complex Listening Areas.**

* **Superb Speech Intelligibility**

* **IP-55 Outdoor Capable**

* **Integrated Amplification and DSP**

* **Extended Frequency Response - up to 18kHz**

* **Wide Horizontal Dispersion**

INTELLIVOX RAPID DDS™ SOFTWARE

SIMPLE AND INTUITIVE
for Intellivox DS and DSX ranges

RAPID DDS is a new simple and intuitive method for controlling the Intellivox DS and DSX ranges of Beam Shaping (DDS) loudspeaker arrays. The software allows users to set (for simpler listening spaces) DDS beam-SHAPING settings directly from WinControl™, without having to first compute the settings via the DDA™ software.

RAPID DDS can be used for rooms which have a flat floor or a simple incline in the audience area, such as lecture theatres and transit centers. Users can define where they want coverage to start, where they want coverage to end and what the audience height is. Rapid DDS suggests the optimum mounting height for the array and displays a vertical cross-section of the optimum coverage beam. Uploading this setting is as easy as pressing "Apply."

- **Intuitively control the Intellivox DS and DSX ranges of Beam Shaping loudspeaker arrays**

- **Can be used for rooms which have a flat or simple incline in the audience area**

- **Users can define where they want coverage to start, where they want coverage to end, and what the audience height is**

- **Suggests the optimum mounting height for the array and displays a vertical cross-section of the optimum coverage beam**

RECORDING & BROADCAST

SUB 18
STUDIO SUBWOOFER

With in-room response below 18Hz and 137 dB peak output, the SUB18 delivers unprecedented performance for demanding dance music production, while providing exceptional accuracy required in cinema post production applications. As an add-on to JBL's M2 Master Reference Monitor system, the SUB18 allows three times greater output from the system.

- **Frequency Response, - 10 dB (4π measurement):** 20.6 Hz
- **Frequency Response, - 6 dB (4π measurement):** 23.1 Hz
- **Sensitivity:** 92dB @ 1m, 2.83 V
- **Recommended Amplifier Power:** 3,500 to 4,000W into 8Ω

M–PATCH 2
PASSIVE STEREO CONTROLLER AND SWITCH BOX

The M-Patch 2 is a compact desktop/rack-mountable sized passive volume attenuator and patch control device. A great way to passively attenuate stereo signals from soundcards, CD players, pre-amps, and mixers, the M-Patch 2 front panel rotary controls allow precise level adjustments for two input sources.

- **High quality, passive volume attenuator**
- **Great monitor switching device**
- **2 x Input channels, 2 x Output channels**
- **Combo, RCA, & 3.5mm input connectors**

NANO PATCH+
COMPACT 2 CHANNEL PASSIVE VOLUME CONTROLLER

No active circuitry, buffers, transistors, batteries, or power supply of any kind can interfere with the main passive output of the Nano Patch+. It simply delivers attenuated signal. Pure, simple, transparent.

- **Super compact 2 channel analog passive volume control**
- **Rotary volume attenuation control**
- **Mute button**
- **No power required**

ACTIVE SPEAKER STARTER SET
STUDIO MONITOR ENHANCEMENT PACK

Our Active Speaker Pack will improve the quality of your home studio with a pair of isolation pads for your monitors, our Nano Patch + volume controller, and four 3 metre cables to make it operational. A great value pack, providing a genuine enhancement to your home studio usability.

- **Nano Patch Plus**
- **2x Isolation Pads: 170mm x 300mm x 40mm**
- **4 XLR to TRS cables 3m included**

CINEMA PRODUCTS

QLI-32   32 CHANNEL QUANTUMLOGIC™ IMMERSION PROCESSOR

lexicon

ALWAYS IMMERSIVE AUDIO

for cinema venues

Provide an immersive sound experience within budget and gain a competitive edge with Lexicon's QLI-32. Intelligent and flexible, this cinema processor is fully compatible with existing cinema processors and designed to deliver up to 32 channels of surround sound. For an immersive and life-like sound experience, the QLI-32 is the smart solution for any cinema.

- **Compatible with existing systems**

- **Flexible location for height channels**

- **GPI control**

- **8 channel Analog input**
  (25-Pin Connector)

- **8 channel AES input**
  (RJ-45 Connector)

- **BLU link input/output**
  (2 RJ-45 Connectors)

- **Ethernet control**

- **Create an immersive audio environment**
  from stereo, 5.1 and 7.1 inputs

- **Output up to 32 discrete channels of audio over BLU link**

- **1/3 octave graphic EQ**
  for each output channel

- **Parametric EQ**
  on low frequency extension

- **Web–based interface**

- **Covered by 3-year warranty**

BOB-32 BREAKOUT BOX

PERFECT COMPANION TO THE QLI-32

for cinema venues

The Lexicon BOB-32 breakout box converts up to 32 channels of the BLU link digital audio bus to analog audio. This device is ideal for use with Lexicon's QuantumLogic Immersion processor (QLI-32). The BOB's outputs are easily configured by six DIP switches located on the rear of the device. This simple configuration allows selection of 32 consecutive channels from the 256 channels available on the BLU link. Signal present and power status are clearly displayed by front panel LED indicators.

- 32 analog audio outputs

- 4 DB-25F connectors

- DIP switches for channel range selection

- 256 channels at 48k sampling rate or 128 channels at 96k sampling rate

- Clear front panel LED indication

- Single rack space chassis

- Covered by 3-year warranty

RUSH SERIES

RUSH CLUB SMOKE DUAL ATMOSPHERIC EFFECTS

INNOVATION IN STAGE EFFECTS
for live venues

The RUSH Club Smoke Dual is a brand new innovation based on the Magnum Club Smoke system, installed in prestigious venues all over the world. The RUSH Club Smoke Dual is a multi-head system which utilizes up to six heads across three zones via DMX or an on-board digital display. This unique feature of the system allows the user to install either fog or haze heads, or a combination of both, using a specially formulated fluid. This means that fluid changeover is no longer required for the desired atmospheric effect. The separate base unit, which can be installed in a convenient remote location, contains a 10-liter fluid (2.64 gallons) reservoir which will ensure continuous use throughout busy nights.

- **1 to 6 haze or fog heads per system**

- **10-liter fluid reservoir (2.64 gallons)**

- **On-board digital display with fast access keys**
  (pump unit)

- **RJ45 connection from base to heads**

- **3-zone control via DMX**

- **Digital remote control**
  (optional accessory)

- **External fluid connection**
  (optional accessory)

RUSH
PAR 2 CT ZOOM
STATIC LIGHT

- **Single-lens bright LED PAR Can**

- **12x10 W WW/CW LEDs**

- **Pre-mixed white light**
  ranging from 2700 to 7800 K

RUSH
MH 6 WASH
MOVING HEAD

- **Bright LED moving head wash light**

- **12 x 10 W RGBW LEDs**

- **Single-lens wash**
  with fully premixed color

RUSH
STROBE CWL
EFFECT LIGHT

- **99 x Cree XP-D 3 W cold white LEDs**

- **Reflector design**

- **1-25 FPS and blinder effect**

RUSH
FIBERSOURCE 1
STATIC LIGHT

- **powerful tool for illuminating fiber optic cables in permanent installations**

- **78 W LED fiber projector**

- **9 interchangeable colors**

- **0-100% electronic intensity control**

RUSH
SM 650
ATMOSPHERIC EFFECT

- **4-channel wireless remote control system**

- **blue LED-illuminated fluid container**
  with a rear-view level indicator

- **700 W heater element**

- **160 m^3 per minute output**

- **5-minute heat-up time**

RUSH
SM 850
ATMOSPHERIC EFFECT

- **4-channel wireless remote control system**

- **blue LED-illuminated fluid container**
  with a rear-view level indicator

- **850 W heater element**

- **200 m^3 per minute output**

- **8-minute heat-up time**

Martin

FLOOD LIGHTS

EXTERIOR™ WASH 100 SERIES

Exterior Wash 100 is a series of powerful, compact and energy-efficient LED lighting fixtures designed to illuminate smaller structures, features of a building and landscaping. A discreet, optional snoot integrates seamlessly with the slick design of the fixtures. All models have built-in displays for ease-of-use, a wide selection of beam angles and are fully IP-rated for permanent outdoor use.

- **Flexible solution**
  with six different beam angle options

- **Control via DMX, RDM and OLED display**

EXTERIOR WASH 200 SERIES

Exterior Wash 200 is a series of powerful, compact and energy-efficient LED lighting fixtures designed to illuminate mid-sized structures and building facades. A discreet, optional snoot integrates seamlessly with the slick design of the fixtures. All models have built-in displays for ease-of-use, a wide selection of beam angles and are fully IP-rated for permanent outdoor use.

- **Flexible solution**
  with six different beam angle options

- **Control via DMX, RDM and OLED display**

EXTERIOR WASH 300 SERIES

Exterior Wash 300 is a series of powerful, compact and energy-efficient LED lighting fixtures designed to illuminate large structures, building facades and bridges. A discreet, optional snoot integrates seamlessly with the slick design of the fixtures. All models have built-in displays for ease-of-use, a wide selection of beam angles and are fully IP-rated for permanent outdoor use.

- **Flexible solution**
  with six different beam angle options

- **Control via DMX, RDM and OLED display**

EXTERIOR INGROUND 400 SERIES

Exterior Inground is a series of simple, easy-to-use color changing LED luminaires. Perfect for installations with no visible light sources, the Exterior Ingrounds combine the benefits of dynamic light and discreet installation. The recessed housing can be made to fit any type of surface with a trim ring available in beveled and flush mount versions, for discreet installation both day and night.

- **High optical performance:**
  Uniform distribution of light and color

- **Bright and efficient in-ground fixture**
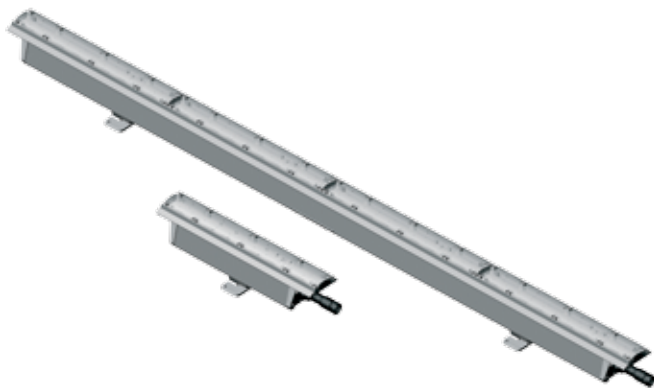 with full LED color mixing

LINEAR LIGHTS

EXTERIOR LINEAR
GRAZE SERIES

The Exterior Linears are a series of LED color changing fixtures in a robust outdoor-rated housing. The Exterior Linear fixtures provide high output and are available in both cove and graze light versions. The Exterior Linear 1200 Graze and the Exterior Linear 300 Graze are designed to illuminate walls or any type of linear structure and feature superb color mixing and uniform light distribution at three different beam angles, ideal for creating textured surfaces.

The Exterior Linear fixtures are DMX controllable, easy to install due to their integrated universal power supply and connect via daisy chain using a combined power and data connector. The Exterior Linears are available with full color mixing or as variable white versions.

- **Linear Graze light with RGBW color mixing**

- **Robust outdoor-rated fixture available in two lengths**

- **Integrated 100-277 power supply**

EXTERIOR LINEAR
COVE SERIES

The Exterior Linears are a series of LED color changing fixtures in a robust outdoor-rated housing. The Exterior Linear fixtures provide high output and are available in both cove and graze light versions. Exterior Linear 1200 Cove and Exterior Linear 300 Cove feature superb color mixing and a uniform light distribution at a beam angle of 120°, suitable for a wide range of indirect lighting applications such as cove lighting in ceilings, decorative wall lighting and other structures.

The Exterior Linear fixtures are DMX controllable, easy to install due to their integrated universal power supply and connect via daisy chain using a combined power and data connector. The Exterior Linears are available with full color mixing or as variable white versions.

- **Linear Graze light with RGBW color mixing**

- **Robust outdoor-rated fixture available in two lengths**

- **Integrated 100-277 power supply**

Martin

STROBE LIGHT

ATOMIC™ 3000 LED ENTERTAINMENT LIGHTING

CUTTING EDGE
for live venues

The Atomic 3000 LED is the perfect blend of a traditional strobe and cutting-edge LED technology. Capitalizing on the original Atomic 3000 DMX's 15 years of success, this new version features identical functionality and behaviour – with the added benefits of LED technology. It offers the same extreme brightness as its iconic predecessor, but with substantially lower peak power consumption.

The Atomic 3000 LED is not only a strobe, but also a creative tool that incorporates backlight illumination with RGB-controlled LEDs pointing into the reflector. It delivers stunning eye candy looks similar to the MAC Aura™ and the MAC Quantum™ Wash.

Internal FX macros and simplified re-use of the original Atomic Colors scroller complete the full-feature package and empower the Atomic 3000 LED to become the ultimate creative lighting tool.

- **Classic reflector look**

- **Iconic letterbox shape and industrial design**

- **Aura backlight (RGB) into reflector**

- **Dimmable house-light function**
  at reduced brightness and power consumption

- **LED and Xenon mode available**
  via menu and DMX control channel

- **Use of original Atomic color scroller made easy**
  via internal power and data supply

- **4 button menu and LCD display**
  for quick and easy setting adjustment

- **Clever rigging and bracket solution**

- **4 Channel DMX mode as Atomic 3000**
  (easy replacement)

- **14 Channel Extended DMX mode**
  including Aura control and internal FX macros

- **RDM compatible, USB port for software updates**

Martin

SMOKE MACHINES

JEM™ ZR25

The JEM ZR25 is a small, yet powerful fog machine designed to deliver superior and uninterrupted performance in demanding professional applications. Via its 1,150 W heat exchanger, the JEM ZR25 produces large amounts of fog ideal for small to medium-sized venues and stages in both install and rental markets.

The JEM ZR25 features variable output control for more subtle effects and is fully up-to-date with digital remote, DMX and RDM.

The entire JEM ZR range is compatible with a wide range of JEM Pro fog fluids. As machines designed and built to last, the JEM ZRs will continue to perform with great output and low consumption.

JEM ZR35

The JEM ZR35 is a mid-sized fog machine designed to deliver superior and uninterrupted performance in demanding professional applications. Via its powerful 1,500 W heat exchanger, the JEM ZR35 produces a fantastic peak output ideal for mid to large-sized venues and stages in both install and rental markets.

The rugged yet weight optimized JEM ZR35 also features variable output control for more subtle effects and is fully up-to-date with digital remote, DMX and RDM.

The entire JEM ZR range is compatible with a wide range of JEM Pro fog fluids. As machines designed and built to last, the JEM ZRs will continue to perform with great output and low consumption.

JEM ZR45

The JEM ZR45 is a high-end fog machine designed to deliver superior and uninterrupted performance in demanding professional applications. Via its enhanced and powerful 2,000 W heat exchanger, the JEM ZR45 produces an exceptional peak output ideal for major venues and stages in both install and rental markets.

The rugged yet weight-optimized JEM ZR45 also features variable output control for more subtle effects and is fully up-to-date with digital remote, DMX and RDM.

The entire JEM ZR range is compatible with a wide range of JEM Pro fog fluids. As machines designed and built to last, the JEM ZRs will continue to perform with great output and low consumption.

Martin

Soundcraft

SIGNATURE 16

SIGNATURE 12

SIGNATURE 10

SIGNATURE 22

SIGNATURE SERIES
COMPACT ANALOG MIXERS

YOUR SIGNATURE SOUND
for live sound

All Soundcraft Signature Series consoles incorporate Soundcraft's iconic Ghost mic preamps, directly drawn from the company's top-of-the-line professional consoles, to deliver extraordinary audio quality with high headroom, wide dynamic range and exceptional resolution and clarity with a superb signal to noise ratio. They employ Soundcraft's Sapphyre Assymetric EQ for perfectly equalizing every vocal and instrumental element in a mix with the unmistakable musicality inherent in every Soundcraft console, plus the GB Series audio routing technology famous in thousands of live venues worldwide.

They all include a wide variety of built-in Lexicon studio-grade reverb, chorus, modulation and other effects and dbx limiters on the input channels. The consoles offer XLR and switchable Hi-Z inputs that enable guitars, basses and other instruments to be directly connected.

In addition, the consoles feature smooth, premium-quality faders with GB® Series audio routing with flexible pre/post switching on each Aux, and subgroups with powerful routing and switching options as well as dedicated outputs. The Signature Series are built using tour-grade robust metal construction and top-quality components and have an internal universal power supply.

- **High-Performance 10-, 12-, 16- and 22-input small format analogue mixers with onboard effects**

- **Iconic Soundcraft Ghost mic preamps**
  with ultra-low noise performance

- **Renowned Soundcraft Sapphyre British EQ**
  with sweepable mid-bands per channel

- **Lexicon Effects Engine**
  featuring award-winning Reverbs, Delays, Choruses and Modulations

- **dbx Limiters (High-ratio Compressors) on input channels**

- **2-in/2-out USB audio playback and recording**

- **Switchable Hi-Z inputs for guitars, basses and other instruments**

- **Hi-Pass Filters (low-cut) and 48V Phantom Power on all mic channels**

- **Comprehensive Soundcraft GB Series audio routing**

- **Smooth premium-quality faders**

- **Robust metal construction**
  for tour-grade build quality and reliability

- **Internal universal power supply**

SIGNATURE 12 MTK

SIGNATURE 22 MTK

SIGNATURE SERIES
MULTI−TRACK EDITION COMPACT ANALOG MIXERS

INCREDIBLE FLEXIBILITY

for install venues

The Soundcraft Signature 12MTK incorporate Soundcraft's iconic Ghost mic preamps, directly drawn from the company's top-of-the-line professional consoles, to deliver extraordinary audio quality with high headroom, wide dynamic range and exceptional resolution and clarity with a superb signal to noise ratio. They employ Soundcraft's Sapphyre Assymetric EQ for perfectly equalizing every vocal and instrumental element in a mix with the unmistakable musicality inherent in every Soundcraft console, plus the GB Series audio routing technology famous in thousands of live venues worldwide.

The console is designed to deliver pristine recordings. Both have an ultra-low-latency USB interface that flawlessly captures every channel, which can then be mixed or transferred to a DAW for further mixdown and production. The consoles offer XLR and switchable Hi-Z inputs that enable guitars, basses and other instruments to be directly connected.

Both the Soundcraft Signature 12MTK and Soundcraft Signature 22MTK are built using tour-grade robust metal construction and top-quality components. Both have an internal universal power supply.

- **High-Performance 10-, 12-, 16- and 22-input small format analogue mixers with onboard effects**

- **Iconic Soundcraft Ghost mic preamps**
  with ultra-low noise performance

- **Renowned Soundcraft Sapphyre British EQ**
  with sweepable mid-bands per channel

- **Lexicon Effects Engine**
  featuring award-winning Reverbs, Delays, Choruses and Modulations

- **dbx Limiters (High-ratio Compressors) on input channels**

- **2-in/2-out USB audio playback and recording**

- **Switchable Hi-Z inputs for guitars, basses and other instruments**

- **Hi-Pass Filters (low-cut) and 48V Phantom Power on all mic channels**

- **Comprehensive Soundcraft GB Series audio routing**

- **Smooth premium-quality faders**

- **Robust metal construction**
  for tour-grade build quality and reliability

- **Internal universal power supply**

Soundcraft

UI 16

UI 12

Soundcraft

UI SERIES CONTROLLED DIGITAL MIXERS

COMPACT AND ROAD RUGGED

for live sound

The Ui Series mixers feature cross-platform compatibility with iOS, Android, Windows, Mac OS, and Linux devices, and can use up to 10 control devices simultaneously. In addition, the Ui12 and Ui16 each feature built-in HARMAN signal processing from dbx, DigiTech and Lexicon, including dbx AFS2, DigiTech Amp Modeling, and more. Both models feature fully recallable and remote-controlled mic gain and phantom power, along with 4-band parametric EQ, high-pass filter, compressor, de-esser and noise gate on input channels.

Both mixers offer 31-band graphic EQ, noise gate and compressor on all outputs, plus real-time frequency analyser (RTA) on inputs and outputs. Built in are three dedicated Lexicon FX busses: Reverb, Delay and Chorus. The Ui Series mixers feature full Show/Snapshot recallability with channel recall safes. Both mixers also offer independent network interfaces on board for simultaneous control by Wi-Fi and Ethernet.

- **Tablet/PC/Smartphone Controlled Digital Mixer**

- **Integrated Wi-Fi**

- **Cross-platform compatibility**
  with iOS, Android, Windows, Mac OS, and Linux devices

- **Use up to 10 control devices simultaneously**
  (tablets, phones, PCs)

- **Legendary Harman Signal Processing from dbx, Digitech, and Lexicon**

- **Fully recallable and remote-controlled mic preamps**

- **4-band Parametric EQ, High-Pass Filter, Compressor, De-esser and Noise Gate on input channels**

- **31-band Graphic EQ, Noise Gate and Compressor on all outputs**

- **Real-Time Frequency Analyser (RTA)**
  on inputs and outputs

- **3 dedicated Lexicon FX effects processors:**
  Reverb, Delay and Chorus

- **Subgroups, Mute Groups, View Groups, and more mixer controls**

- **Show/Snapshot recall with channel safes and security lockout**

Vi5000 DIGITAL MIXING CONSOLE

THE POWER YOU NEED

for live venues

The Vi5000 digital mixing consoles delivers the best Vi sound ever, bringing optional 96kHz processing, upgraded channel counts and even more reliable hardware to live sound's most popular mix interface.

Partnering a compact control surface with new Local Rack and Active Breakout box hardware, Vi delivers simultaneous mixing of up to 128 inputs and 32 mono/stereo busses.

Pristine sound quality is assured by ultra-low noise mic amp designs and enhanced 96kHz* 40-bit floating point digital audio processing, while FX come courtesy of 8 independent Lexicon multi-FX units, BSS DPR901ii™ integration and a BSS graphic EQ on every bus output. Rapid configuration and powerful automation features, radio mic status monitoring and extensive ViSi Connect I/O expansion (EtherSound, CobraNet, Dante, MADI, etc.) complete the package.

* Additional DSP cards and reduced channel count required for 96kHz operation

- **The latest Vistonics™ & FaderGlow™ interface**

- **Up to 128 inputs and 32 mono/stereo busses**

- **Enhanced audio processing**
  with 96kHz sample rate option

- **Powerful new features**
  including BSS DPR901ii™ Dynamic EQ

- **New Local Rack hardware for 384 I/O channels**

- **128 channel record interface via MADI or Dante**

- **Mix live with UA™ plug-ins (via Realtime Rack)**

- **Huge connectivity options -**
  Dante, Rocknet™, Ethersound™, Cobranet™, MADI and more

Soundcraft

Soundcraft

Vi7000 DIGITAL MIXING CONSOLE

THE CONTROL YOU LOVE
for live venues

The Vi7000 digital mixing consoles delivers the best Vi sound ever, bringing optional 96kHz processing, upgraded channel counts and even more reliable hardware to live sound's most popular mix interface.

Partnering a compact control surface with new Local Rack and Active Breakout box hardware, Vi delivers simultaneous mixing of up to 128 inputs and 32 mono/stereo busses.

Pristine sound quality is assured by ultra-low noise mic amp designs and enhanced 96kHz* 40-bit floating point digital audio processing, while FX come courtesy of 8 independent Lexicon multi-FX units, BSS DPR901ii™ integration and a BSS graphic EQ on every bus output. Rapid configuration and powerful automation features, radio mic status monitoring and extensive ViSi Connect I/O expansion (EtherSound, CobraNet, Dante, MADI, etc.) complete the package.

* Additional DSP cards and reduced channel count required for 96kHz operation

- **The latest Vistonics & FaderGlow interface**

- **Up to 128 inputs and 32 mono/stereo busses**

- **Enhanced audio processing**
  with 96kHz sample rate option

- **Powerful new features**
  including BSS DPR901ii™ Dynamic EQ

- **New Local Rack hardware for 384 I/O channels**

- **128 channel record interface via MADI or Dante™**

- **Mix live with UA™ plug-ins (via Realtime Rack)**

- **Huge connectivity options -**
  Dante, Rocknet, Ethersound, Cobranet, MADI and more

Si IMPACT
40-INPUT DIGITAL MIXING CONSOLE

INCREDIBLE FLEXIBILITY
for broadcast and live sound

Drawing on over 40 years experience in live sound mixing, Si Impact brings the latest digital mix innovations together with the unrivalled sound quality of Soundcraft. Designed to be as simple as an analog mixer, but offer radical workflow enhancements such as the unique FaderGlow system, massive DSP power, and a pristine 32-in/32-out USB audio interface, Si Impact delivers digital live sound mixing and recording for those who refuse to compromise on audio quality.

- **32 Mic Inputs**

- **8 XLR/1/4" Combi-jacks**
  for line inputs and instruments

- **40 DSP input channels**
  (32 mono inputs and 4 stereo channels/returns)

- **31 Output busses**
  (All with full DSP processing and GEQ)

- **4-band Fully Parametric EQ on each channel and bus**

- **8 VCAs + 8 Mute groups**

- **Built-in Stagebox Connectivity**

- **5" touchscreen display**

- **4 studio-grade Lexicon Effects engines and dedicated FX busses**

- **BSS Graphic Equalisers on every bus**

- **20 sub-group / aux busses**

- **4 mono/stereo matrix busses**

- **32x32 USB audio interface**
  for multi-track recording and playback *

* USB Interface Compatibility:
PC: Supports Windows 7, Windows 8 and Windows 10.
Mac: Supports Mac OS 10.7.x Lion through 10.10.x Yosemite and does not currently support 10.11.x El Capitan

Soundcraft

STUDER

VISTA 1 BLACK EDITION

ALL–IN–ONE
MIX SYSTEM

THE ALL–IN–ONE COMPACT, FLEXIBLE MIX SYSTEM

for live, broadcast, and install venues

Designed to pack everything you need within a single compact console, Vista 1 Black Edition combines an industry-leading Studer control surface with advanced DSP, fully-configurable I/O and redundant power supplies - all in one unit.

Vista 1's powerful feature set and flexible I/O configurations mean it can handle the widest range of applications, from OB and ENG vans, to small studios, to mobile productions where the console needs to be moved frequently.

Ready for easy integration with AoIP networks and expandable via Studer's D21m system and our Compact Stage Boxes, Vista 1 Black Edition is a cost-effective, future-proof console ready for anything that gets thrown its way.

- **32 or 22 motorised faders**
  with Studer FaderGlow

- **Up to 256 Inputs and Outputs**
    - Standard configuration (32 Mic/line In, 32 Line Out, 8 AES In & Out) can be customised
    - Desk operator headphone
    - USB jingle player socket
    - Integral 64x64 optical MADI port
    - Slots for additional D21m I/O cards (one double-width or two single-width cards), such as AoIP (AES67/Dante, Livewire), Dual-MADI, AES/EBU, ADAT, TDIF, CobraNet, Aviom A-Net®, Dolby® E/Digital, SDI, etc.

- **96 DSP channels**
  including 5.1 surround channels

- **Powerful integrated Lexicon FX**

- **Soundcraft Realtime Rack Plug-in engine**

- **True broadcast monitoring, talkback, red light control and 8 general-purpose control inputs/outputs (GPIO)**

- **Input level and gain reduction LED bargraph meter in every fader strip**

- **Optional TFT-Meter Bridge**

- **6 high-resolution VFD master level meters**

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