2008-2009 CATALOG HOME / CAR / PERSONAL / COMPUTER

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WELCOME

As a consumer electronics company, Harman Kardon dates back to the days of monaural sound and vacuum tubes. And yet here we are, still alive and kicking after more than 50 years, and still following our own path, in our own way. Over the years, landmark Harman Kardon® products led the transition from vacuum tubes to solid state, from mono to hi-fi, and from analog to digital. With features that often broke new ground, and performance that always set higher standards, nothing else ever looked or sounded quite like Harman Kardon components. That's just the way we always wanted it. And that's the way it still is.

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Greatest Hits
harman/kardon
Main Menu
iPod
Phone
Settings
Shuffle Songs
Now Playing
harman/kardon
harman/kardon
Made for
iPod

harman/kardon
DIGITAL LOUNGE

360° Entertainment

Harman Kardon Digital Lounge systems don't just surround you with sound, they surround you with the finest high-performance components to create totally captivating entertainment experiences from virtually any source. With brilliant, high-resolution flat-screen video displays, sophisticated system electronics and compact-but-muscular multichannel speaker packages, every integrated Digital Lounge system connects you to the present and future of home entertainment with unmatched ease of setup and use. They also just happen to set an award-winning new standard of industrial design.

DL 646HD / DL 640HD / DL 632EX

Start with a stunning full-HD 117cm or 102cm display, or HD-ready 82cm screen. Add a high-power 5 x 65-watt amplifier with an integrated progressive-scan DVD-Audio player that readily connects to MP3 players, game consoles, cameras, PCs – virtually any electronic device. Then seal the deal with a speaker package that includes four identical dual-driver satellites, a voice-matched dual-driver center speaker and a 200-watt powered subwoofer. Home entertainment never looked or sounded better than this.

DL 240HD / 232EX

With a gorgeous 102cm full-HD flat-screen TV or an HD-ready 82cm thing of beauty, a full-function DVD player/receiver plus an elegant speaker package, these 2.1-channel Digital Lounge systems are compact enough to go nearly anywhere. Yet with Dolby® Virtual Speaker technology, they perform like their 5.1-channel counterparts. Performance enhancers are only a problem in professional sports, by the way, not in home entertainment.

DL RACK

LCD Stand for Digital Lounge 240 and 232

Designed specifically for Digital Lounge TVs up to 102cm, with heavy-duty casters and rear ducts for discreet cable management, the DL rack lets you precisely adjust the height, tilt and angle of the screen for ideal viewing from anywhere in your room.

harman/kardon

Integrated Home Theater Systems

You walk into a theater, buy some popcorn and enjoy the show. The movie-watching process ought to be just as straightforward at home. But without in-house technicians to handle your system's setup and troubleshooting, can it ever be that easy? Harman Kardon complete home theater systems make it easier than you may think. With a high-performance A/V receiver and DVD player combined into a single component controlled by single remote control, and perfectly matched with complete speaker packages, Harman Kardon systems have taken most of the complexity out of the home theater equation – without compromising on performance.

HS 350

5 x 35W 5.1-Channel Integrated Home Theater and Music System With HDMI™ Connectivity and DivX® Processing

Push your high-definition video display to its limits. With pixel-by-pixel video processing and upscaling to 720p or 1080i through an HDMI output, your DVDs will look their absolute best. But it's high-performance sound that sets the HS 350 apart. With a high-power amplifier featuring Logic 7® and EzSet/EQ™ technology, seamless 360° imaging through five 2-way speakers, and the visceral punch of a 200-watt powered subwoofer, the power and clarity of any audio input – DVD-Audio, CD and DVD recorded discs, USB drives, even AAC or MP3 files from your iPod – may startle you.

iPod not included

HS 250

2 x 65W 2.1-Channel Integrated Home Theater and Music System With HDMI Connectivity, DivX Processing and The Bridge

More entertainment from fewer components. With video upscaling to 720p and Dolby Virtual Speaker technology, the HS 250 delivers a truly cinematic experience from any DVD. But with The Bridge and your iPod for outstanding music playback, the HS 250 is also a complete high-performance home entertainment system. All in one simple, compact package.

HS 200

2.1-Channel Integrated Home Theater and Music System With HDMI Connectivity and DivX Processing

Small wonder. Dolby Virtual Speaker technology can create a realistic 5.1-channel listening experience from virtually any 2.1-channel system. But when that 2.1-channel system happens to be the HS 200 – with a pair of HKTS 2 speakers and a 200-watt powered subwoofer – the effect can only be described as spectacular. With a high-power amplifier, progressive-scan video and MP3, JPEG and WMA playback, the HS 200 delivers high-performance home theater to even the smallest spaces.

AVR
SERVER /COAX 4
DOLBY TRUE HD
harman/kardon

Audio/Video Receivers

A maximum number of options, a minimum number of buttons. Harman Kardon AVR receivers employ the industry's most advanced technologies to optimise the audio and video clarity of any entertainment source, old or new. Yet even certified technophobes will discover that they can operate them successfully.

AVR 760*

7 x 85W 7.2-Channel A/V Receiver With HDMI 1.3a Repeater, Audio/Video Processing and Upscaling to 1080p

Harman Kardon is one of the audio industry's most-powerful and most-capable companies, and the AVR 760 is the most-powerful and most-capable A/V receiver it makes. So it should come as no surprise that the AVR 760 does almost everything you can imagine – including automatically adjusting volume levels when you switch between sources and channels, thanks to new Dolby Volume technology. Two onboard 32-bit DSP processors deliver other essential Dolby and DTS technologies, including Dolby True HD and DTS-HD. The latest version of our exclusive Logic 7 processing and Faroudja DCDi Cinema video processing are included to make any source material look as great as it sounds. Whatever input you throw at it – HDMI, analog, component or S-video sources; computer-based audio via a direct USB connection or from thumb drives; or your iPod using our The Bridge II docking station – the AVR 760 can handle it. You can even use a broadband connection to access a wide range of Internet radio stations. And the AVR 760 easily enables multiroom video and audio applications with Zone II and A-BUS® technology. With a true 85 watts of power to drive each of seven channels, dual subwoofer outputs and the EzSet/EQ II system to precisely tune the system's performance parameters to the acoustic requirements of your space, the AVR 760 is the ideal receiver to satisfy a houseful of entertainment needs.

AVR 660*

7 x 75W 7.1-Channel A/V Receiver With HDMI 1.3a Repeater, Audio/Video Processing and Upscaling to 1080p

With Dolby Volume technology that automatically adjusts volume levels when you switch between sources and channels, four HDMI inputs, Faroudja DCDi Cinema video processing, all the latest Dolby and DTS audio modes, our own Logic 7 processing, the EzSet/EQ system for precise room calibration, and both USB and iPod connectivity, the AVR 660 is an unusually versatile performer, and its full-color graphical interface makes it an exceptionally friendly one. The AVR 660 easily enables multizone audio setups. It automatically corrects annoying "lip sync" problems with both HDMI Lip Sync capability and manual A/V Sync Delay. Front-panel A/V inputs make video gaming more convenient (not to mention more exciting). And an eight-device learning and programmable remote puts all of the AVR 660's capabilities at your fingertips.

* AVR 760 and AVR 660 available in early 2009

AVR 355

7 x 65W 7.1-Channel A/V Receiver With HDMI 1.3a Repeater, Audio/Video Processing and Upscaling to 1080p

The AVR 355 includes a full complement of Dolby and DTS processing technologies, HDMI repeater capability, Faroudja DCDi Cinema processing, EzSet/EQ equalization, and Zone II and A-BUS multiroom capability. It connects to a universe of digital and analog sources, as well as to external amps. And with The Bridge II Docking Station, it will even play, control and charge your iPod. To ensure that everything works together seamlessly, the AVR 355 features a full-color graphical user interface and an eight-device programmable remote. Harman Kardon founder Dr. Sidney Harman has always believed technology should serve users, not intimidate them. The AVR 355 is a perfect case in point.

AVR 255

7 x 50W 7.1-Channel A/V Receiver With HDMI 1.3a Repeater, Audio/Video Processing and Upscaling to 1080p

The AVR 255 is the most-affordable Harman Kardon receiver to feature both Dolby True HD and DTS-HD Master Audio decoding on the audio side, and Faroudja DCDi Cinema video processing to 1080p on the video side. But there's plenty more to recommend the AVR 255, including three HDMI inputs, connections for external amplifiers, EzSet/EQ technology to fine-tune your system to the acoustics of your room, and an RS-232 port for future firmware upgrades. Perhaps the highest recommendation of all? As do all Harman Kardon A/V receivers, the AVR 255 features a high-current, ultrawide-bandwidth design for maximum fidelity.

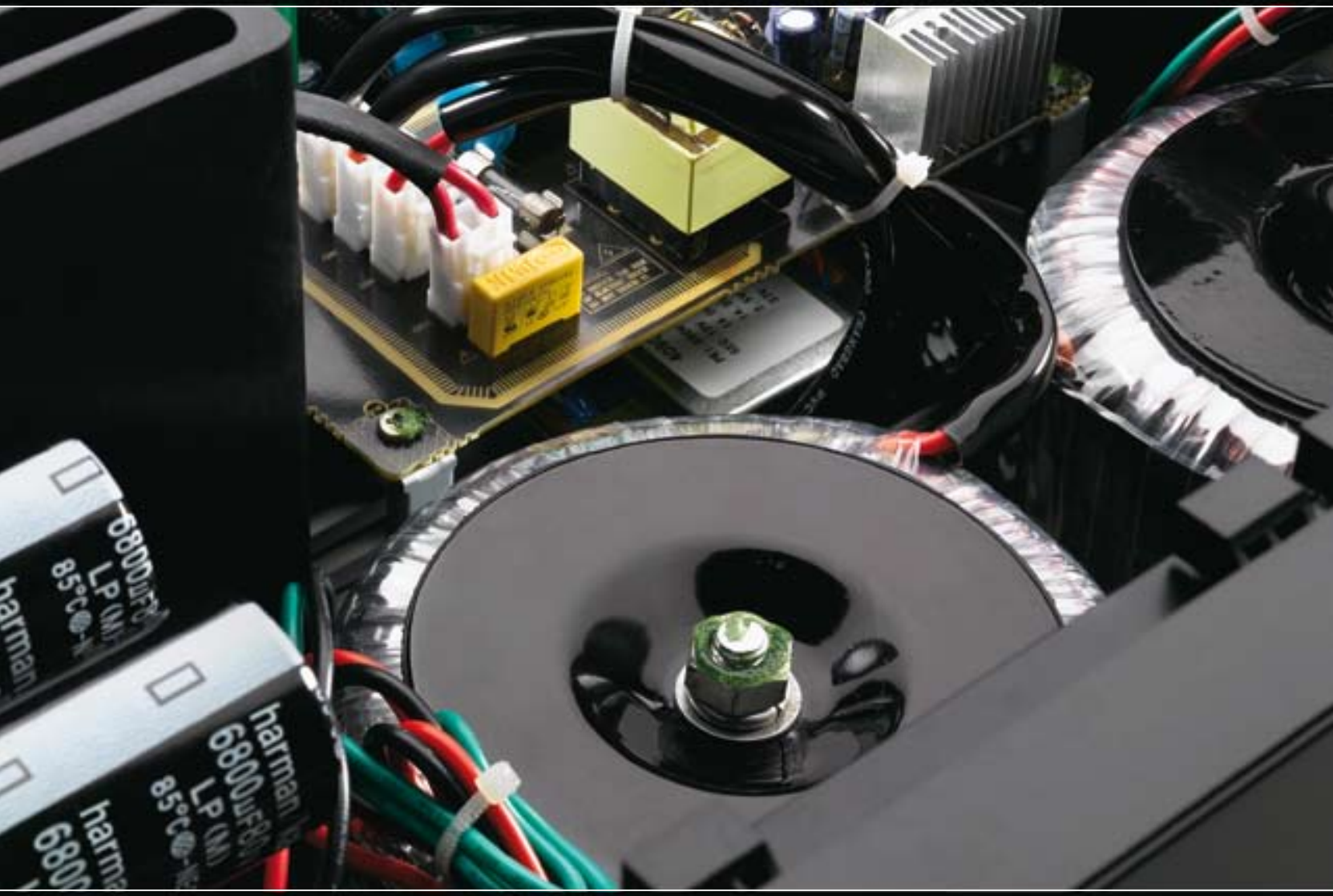
AVR 155

5 x 40W 5.1-Channel A/V Receiver With HDMI Switching

The AVR 155 is all about getting connected. It features three HDMI inputs, two wide-bandwidth HDTV-ready component video inputs, four S-video inputs, a front-panel input for video games, an auxiliary input for portable media players, and a portfolio of advanced surround processing technologies, including Dolby Digital, DTS and Logic 7 processing. But the AVR 155 is also about ease of use, with EzSet/EQ for quick system setup and color-coded inputs.

TECHNICAL PHILOSOPHY

Harman Kardon equipment featured high bandwidth before most people realised it was a good thing. Technology leaders can only lead by example, and our products have been setting a series of very good examples for more than 50 years. Many of the technologies found in today's finest amplifiers were introduced in our equipment. And we've always been quick to adopt and improve on any good ideas we didn't actually think of ourselves. It doesn't happen often, you understand, but it happens.


harman
6800µF80
LP (M)
85°C

DMC 1000

4-Stream Digital Media Center With Progressive-Scan DVD Video/Audio Playback and 250GB Internal Hard Drive

Substantially smaller but vastly smarter and better-looking than your average CD storage rack, the DMC 1000 will digitise, catalogue and store as many as 60,000 songs as you play them, allowing you to banish all those ageing jewel cases to the attic. It will also let you distribute separate audio streams from your music library to up to four different locations in your home. With touch-sensitive front-panel controls (the ultimate no-button design) and concealed front-panel USB jack and memory card slots, the DMC 1000 will even let you transfer your music for use in portable players, and card-equipped cars and cell phones. And your iPod? Full audio playback and charging with The Bridge universal dock (sold separately and very much worth it).

As awarded by The Chicago Athenaeum: Museum of Architecture and Design.
In the Permanent Design Collection of The Chicago Athenaeum: Museum of Architecture and Design.

DMC 250

Digital Media Center With Progressive-Scan DVD Video/Audio Playback and DivX Ultra Processing

Any device that aspires to be called a digital media center ought to be a welcoming home base for all your digital gear – your portable music player, your camera, your cell phone, your what-have-you. With a front-panel USB jack and CF, SD, MMC and Memory Stick® card slots, the DMC 250 has you covered. Connect an external hard drive to access your entire music library. Refresh or reload any or all of your digital devices as the spirit moves you. Or simply enjoy 1080p DVD-Video or -Audio playback of your favorite entertainment in all its full-spectrum glory.

harman/kardon

DVD Players

Today, digital home entertainment comes in a variety of forms, flavors and formats, and Harman Kardon DVD players can connect you to most popular ones with an ease of use that's ours alone. Our DVD players feature video upscaling with HDMI connectivity, handle playback of CD, MP3, WMA and JPEG discs, and are software-upgradable. Some even offer front-panel inputs for various memory cards and USB devices. The more your digital sources multiply, the more versatile Harman Kardon DVD players become. Funny how that works.

DVD 49

DVD Audio/Video Player With SACD,™ Media Card and USB Playback

The most capable of all Harman Kardon multimedia players, the DVD 49 features video upscaling to 1080p via an HDMI output, not to mention unsurpassed fidelity in the reproduction of DivX Ultra, DVD-Audio, SACD, CD, MP3, WMA and JPEG discs. And it includes front-panel inputs for playback from SD, MMC, Memory Stick and CompactFlash® cards, as well as USB devices. If you worry that something this versatile must also be complicated, rest easy. An intuitive onscreen interface keeps things simple.

DVD 39

DVD Audio/Video Player With Video Upscaling to 1080p

If it's a DVD, the chances are excellent the DVD 39 will play it – excellently. With upscaling to 1080p and an HDMI output, in addition to internal bass management for greater sonic realism, your discs – including CD, MP3, WMA, JPEG and Kodak® Picture CDs, plus DivX Ultra and DVD – will look and sound their very best. Go ahead; try this veritable universe of entertainment at home. The DVD 39 makes it easy.

DVD 29

DVD Audio/Video Player With Video Upscaling to 720p

With gorgeous progressive-scan video and upscaling to 720p, four-speed smooth-scan and slow-motion playback from DivX Ultra, JPEG, and Kodak Picture CDs, the DVD 29 is a true best-in-class video performer. But add outstanding MP3 and WMA audio playback, a built-in test screen for easy color adjustments, and a full-featured backlit remote, and you get a lot of advanced technology in an elegantly slim package.

BUSINESS PHILOSOPHY

We didn't start with a business plan in 1953; we started with a product. We weren't looking to find a marketing niche for ourselves; we were looking to build audio components that satisfied our own passion for music. We built our very first systems for ourselves and a handful of others who could hear what we heard. These days, we have a business plan, an R&D lab, a marketing department – everything a serious company has to have. But we're still building systems for people who hear what we hear.

/ DOCKING STATION FOR iPOD

The Bridge II

Docking Station for iPod

Is your home entertainment system incomplete without music from your iPod? Thanks to The Bridge II Docking Station, connection and control are completely within your power. The Bridge II connects directly to most Harman Kardon AVR receivers, and allows you to use your AVR's remote to seamlessly select and play audio and video content – guided by on-screen or front-panel menus you can read from across the room. Let the (gloriously uninterrupted) music begin.

iPod not included

/ MS 100

High-Performance Audio System

iPod not included

Harman Kardon MS 100

High-Performance Audio System

More than 50 years ago, Harman Kardon, Inc., developed the world's first stereo receiver, a high-performance component combining the functions of several products that had previously only been available separately. Our mission was – and still is – to deliver high-fidelity sound in a convenient and easy-to-use package. Enter the Harman Kardon MS 100. The MS 100 is a complete high-performance audio system. With a CD player, FM tuner, dock for an iPod (iPod not included), integrated loud-speakers, and auxiliary inputs for other audio products, it's a handsome, compact component that's perfect for the home or office – or almost anywhere.

Audio In
L
R
1
2
3
4
Trigger
12V 100mA
A-BUS Ready
Parallel Input
Routed IR
1
2
3
4
Talk
Common IR
Zone Output
1
2
3
4
A
B
harman/kardon
A-BUS
IN
OUT
Power
A
B
Caution
Control Link Only
Audio Out
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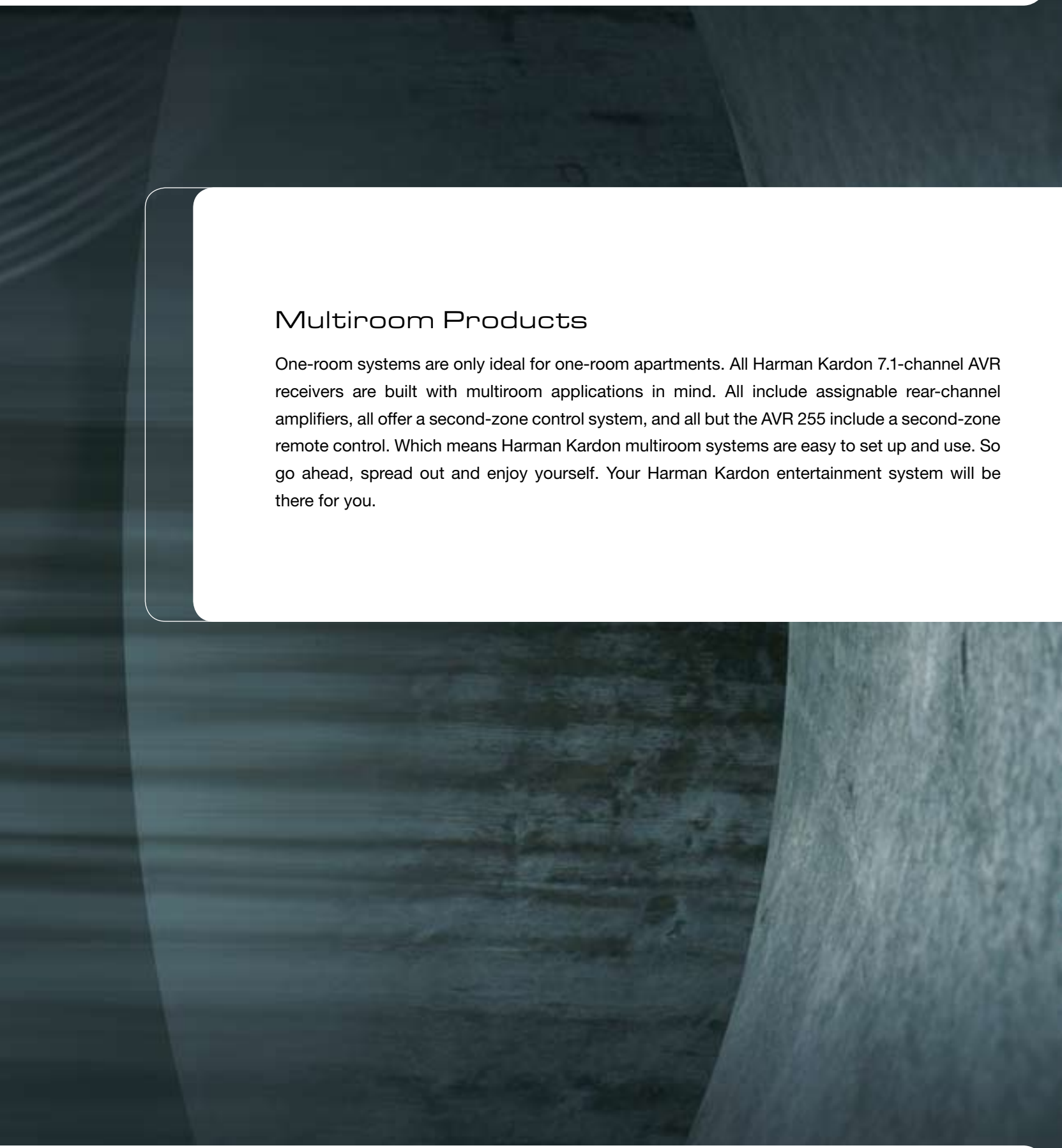
1
2
3
4



Multiroom Products

One-room systems are only ideal for one-room apartments. All Harman Kardon 7.1-channel AVR receivers are built with multiroom applications in mind. All include assignable rear-channel amplifiers, all offer a second-zone control system, and all but the AVR 255 include a second-zone remote control. Which means Harman Kardon multiroom systems are easy to set up and use. So go ahead, spread out and enjoy yourself. Your Harman Kardon entertainment system will be there for you.

ABH 4000

4-Zone/8-Room A-BUS Expansion Hub

Different music in different rooms. With an ABH 4000 hub, up to four different input sources and your Harman Kardon AVR, you can easily divide your house into four separate entertainment zones, in which local customs and individual musical tastes may prevail. Link in an A-BUS-equipped remote AVR and make its tuner and The Bridge accessible from throughout the realm. May domestic bliss and your favorite music be with you.

ABH 4

4-Room A-BUS Expansion Hub

One ABH 4 = four rooms; more ABH 4's = many more rooms. With A-BUS-equipped AVRs, the more ABH 4's you have, the more rooms you can serve – and the more music-hungry constituents you can satisfy. But even without A-BUS, the ABH 4's onboard audio inputs allow you to distribute audio from any receiver's "Tape" or "Multiroom" outputs to any room. As usual, a Harman Kardon product has got you covered.

HE 1000

External Infrared Remote Sensor

We don't know of many people hiding Harman Kardon components behind closed doors, but just in case. When you think about it (and we have) a remote sensor for your system's IR remote control only makes sense. One or more HE 1000's can put you in control of your AVR from anywhere in your home. And although it's usually considered impolite to point, the IR sensors don't seem to mind.

AB 2

Amplified In-Wall Module With Onboard Controls for A-BUS Applications

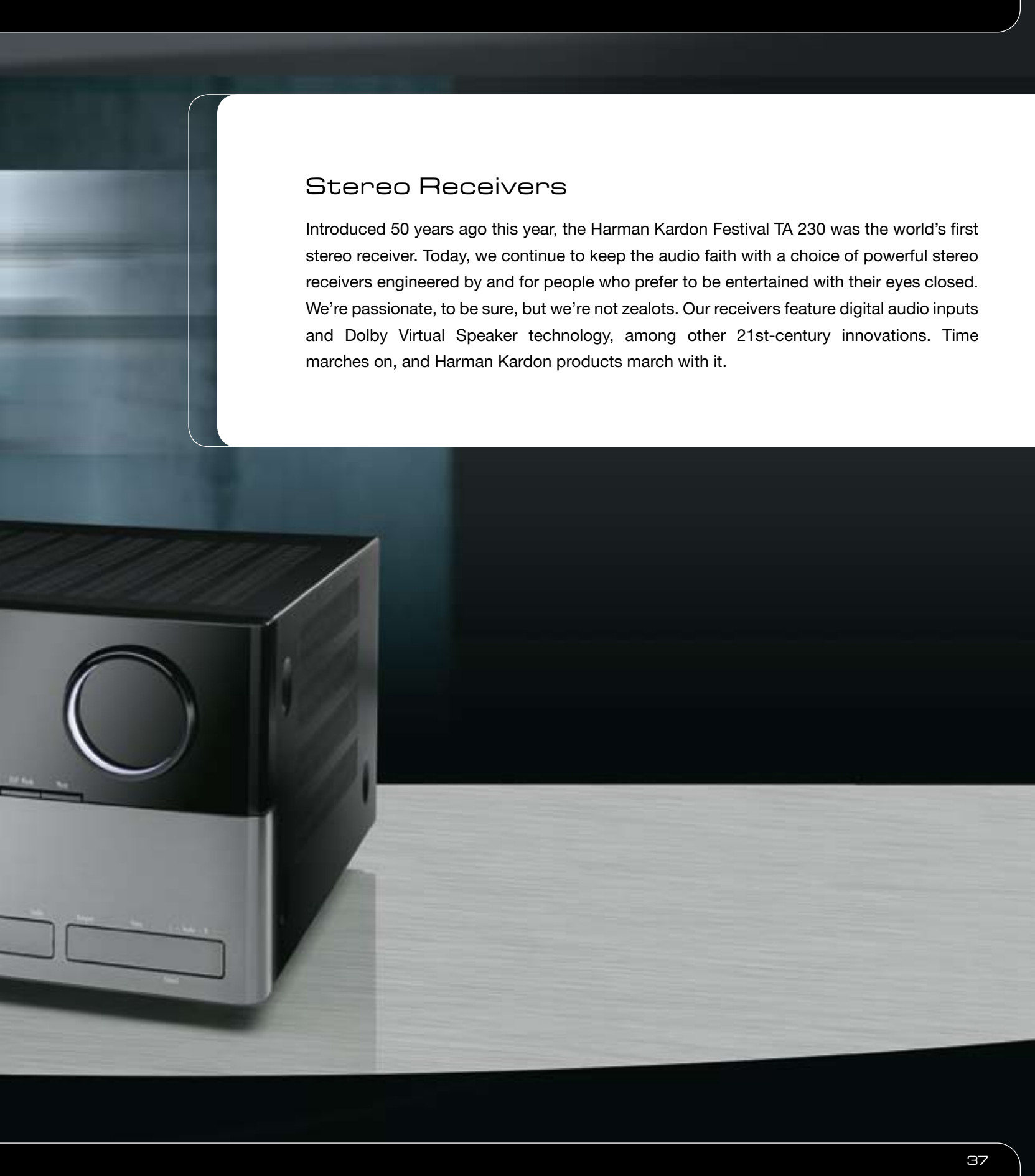
A remote's remote. The AB 2 powers your local speakers without an additional amplifier. It also connects to your A-BUS-equipped AVR or ABH expansion hub, easily allowing you to select and control your listening sources as you enter a room (and its key caps are swappable, to perfectly mirror your system), or to power the system off as you depart. And during your stay? The AB 2 has an infrared sensor to relay your every wish to the AVR with virtually any Harman Kardon remote control.

AB 1

Amplified In-Wall Module for A-BUS Applications

Often located next to the light switch, and every bit as important. Controlling your A-BUS-equipped Harman Kardon AVR in remote rooms and powering the remote-room speakers is as simple as a single connection to the AVR or the nearest ABH expansion hub, and a link to the speakers. That will give you the option of controlling local volume with the AVR's second-zone remote, or directly from the AB 1.

VID 1 /OPTICAL
SPK 1 DVS-WIDE
harman/kardon



Stereo Receivers

Introduced 50 years ago this year, the Harman Kardon Festival TA 230 was the world's first stereo receiver. Today, we continue to keep the audio faith with a choice of powerful stereo receivers engineered by and for people who prefer to be entertained with their eyes closed. We're passionate, to be sure, but we're not zealots. Our receivers feature digital audio inputs and Dolby Virtual Speaker technology, among other 21st-century innovations. Time marches on, and Harman Kardon products march with it.

HK 3490

2 x 120W Stereo Receiver

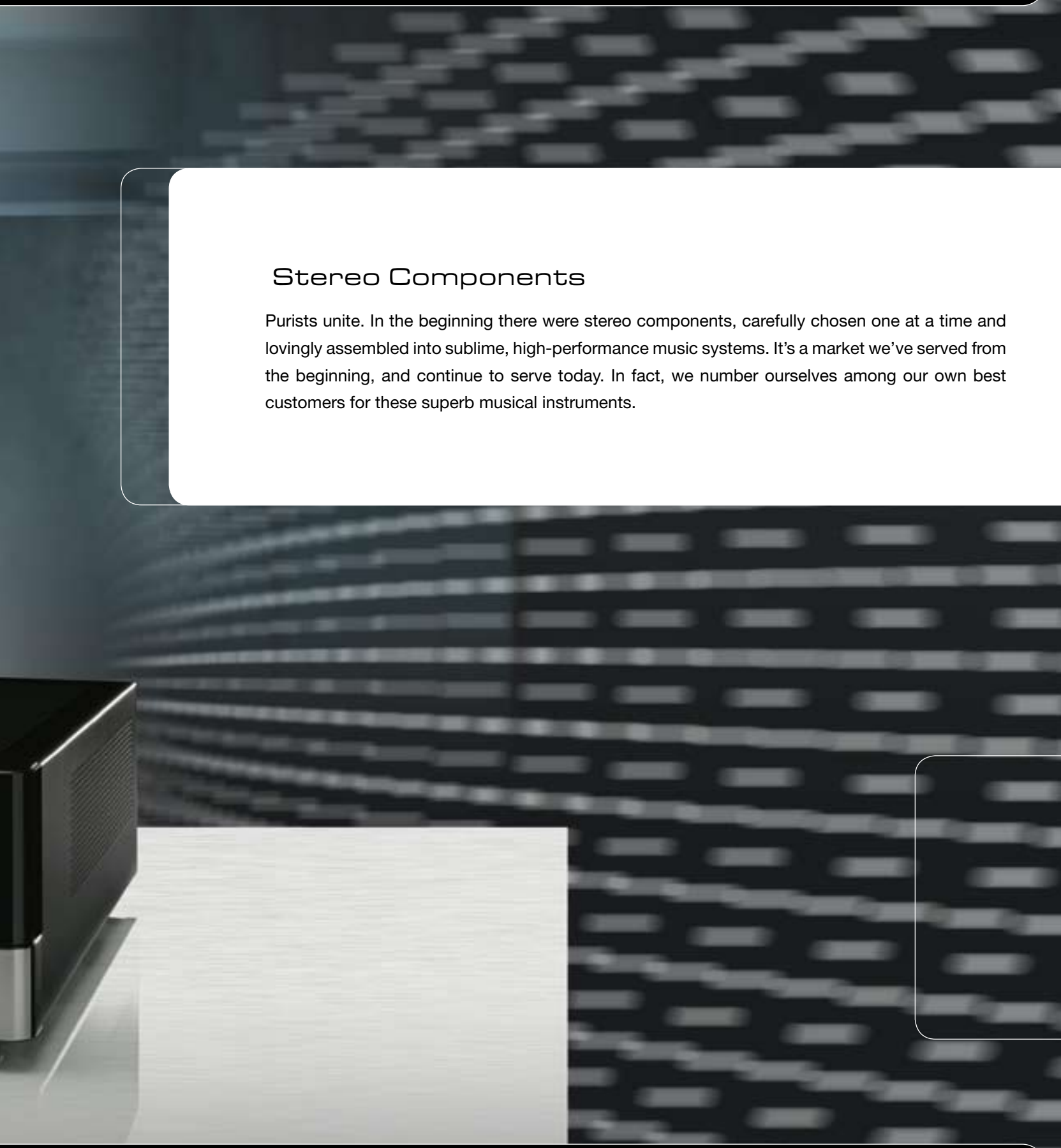
The insanely powerful HK 3490 combines all of an audiophile's must-haves (high-performance phono preamp, preout/main-in jacks, high-current amplification) with an array of multichannel extras (digital-audio inputs, video switching, dual subwoofer output and Dolby Virtual Speaker technology). Add The Bridge II Docking Station, and the HK 3490 will connect as elegantly to your newfangled iPod as it does to your time-honored turntable. The HK 3490 isn't a snob about where the music comes from, as long as it sounds great when it reaches its final destination: your ears.

HK 3390

2 x 80W Stereo Receiver

The HK 3390 was born to make beautiful music and, like all specialists, it's very good at what it does. It features high-current, ultrawide-bandwidth amplification, a signature Harman Kardon technology that delivers all the subtlety of an original musical performance, whether reproduced from vinyl or your MP3 player of choice. But even specialists enjoy a change of pace from time to time. So the HK 3390 also features four high-quality composite video inputs, and convenient front-panel inputs for video games and portable audio players.

TUNER -24dB
harman/kardon



Stereo Components

Purists unite. In the beginning there were stereo components, carefully chosen one at a time and lovingly assembled into sublime, high-performance music systems. It's a market we've served from the beginning, and continue to serve today. In fact, we number ourselves among our own best customers for these superb musical instruments.

HK 990

2 x 150W 2.2-Channel Stereo Integrated Amplifier

In terms of raw power, the HK 990 is the most muscular amplifier ever to carry the Harman Kardon name, more than capable of driving the most demanding loudspeaker loads without breaking a sweat. But the HK 990's awesome power is nothing if not highly refined, extending beyond watts and amps. With a choice of discrete optical or digital inputs or an analog-only signal path, as well as fourth-generation Real-Time Linear Smoothing (RLS IV), 2.2-channel EzSet/EQ room optimization, dual subwoofer outputs and an audiophile-quality phono preamp section, the HK 990 offers a combination of features you will find irresistible. Others, of course, may simply hunger for all that power. We understand completely.

HK 980

2 x 80W Stereo Integrated Amplifier

Superlative two-channel music reproduction is the toughest test of an audio component, and the new Harman Kardon HK 980 delivers effortlessly. Combining an elegant new look with time-proven engineering, the HK 980's high-current, ultrawide-bandwidth design improves transient accuracy and phase linearity while delivering power that is more than a match for even the most-demanding loudspeaker loads. The result is lively, dynamic sound that's a true representation of the original performance.

HD 990

CD Player With RLS III

To build a CD player without equal, there are no shortcuts, no compromises, no easy answers. Optimized for precision playback above all, the HD 990 employs two high-performance stereo digital-to-analog converters to deliver third-generation Real-Time Linear Smoothing (RLS III), creating a spacious, richly detailed sound that other players simply cannot duplicate.

HD 980

CD Player

The HD 980 is engineered to deliver the truth, the whole truth and nothing but the truth. With signal-to-noise specs mirroring those of the mixing consoles on which the original recordings were made, and a 32-bit DSP for the highest possible jitter rejection, the HD 980 delivers musical purity without artifacts or veils. You'll hear nothing (at least not from the HD 980) to distract you from your favorite music.

TU 980

Dual-Band DAB/FM/AM Tuner

The first (more than 50 years ago) Harman Kardon product was a tuner, and we've been improving them ever since. The TU 980 combines the distortion-free, CD-like sound of Digital Audio Broadcasting with information-rich RDS FM, and features a bright, legible two-line display. You can control it with its own remote, or with the remote from most Harman Kardon amplifiers. Either way, you'll enjoy the drift-free reception Harman Kardon tuners are famous for.

DESIGN PHILOSOPHY

Ludwig Mies van der Rohe borrowed “less is more” from Robert Browning. We borrowed it from Mies. Minimalism has long been a major force in architecture, music and design. It’s also been one of our guiding principles from the very beginning. We believe that good design consists of essential elements presented in their purest form, with an absence of excess or decoration. We could go on and on about this, but that would be icing on the cake. We don’t do icing.

ANALOG
-24dB
Volume
Enter
Balance

harman/kardon

Home Theater Speaker Systems

Let us make this simple for you. As you probably know, a 5.1-channel speaker system consists of four satellite speakers, a center channel speaker primarily for dialogue, and a powered subwoofer. So if you're ordering a la carte, that's four from column A, one from column B and one from column C. Simple enough. Except the center ought to be voice-matched to the satellites, the sub shouldn't overpower the center or the satellites, and all six should be matched to your electronics. Suddenly, it's not that simple. Unless you simply choose one from the column of Harman Kardon HKTS speaker packages.

HKTS 11BQ

5.1-Channel Home Theater Speaker System

The speaker package for people who hate it when people talk during movies. The HKTS 11 is a powerful 5.1-channel solution with dual midrange drivers in both the satellites and the center channel for heightened realism, and a 200-watt powered subwoofer for bass that isn't one bit intimidated by all that heightened realism. And those talkers? We guarantee they'll find this a tough act to compete against.

HKS 4BQ

Surround Speakers

Don't look behind you. There's nothing back there but your HKS 4 speakers, adding back-channel surround to HKTS 7 or HKTS 11 systems. We'll admit it can be a little spooky at first, especially if it happens to sound like the overnight delivery guy driving up, or something else that might actually be happening in the real world. But you'll learn to cope.

HKTS 7BQ

5.1-Channel Home Theater Speaker System

Please have your tickets ready. With a dual-driver center channel speaker for vivid, distinct movie dialogue, four compact but powerful satellites to pull you into the action, and a 100-watt powered subwoofer for heart-stopping bass, the HKTS 7 system is more than equal to all the excitement Hollywood is dishing out these days.

HKTS 2BQ

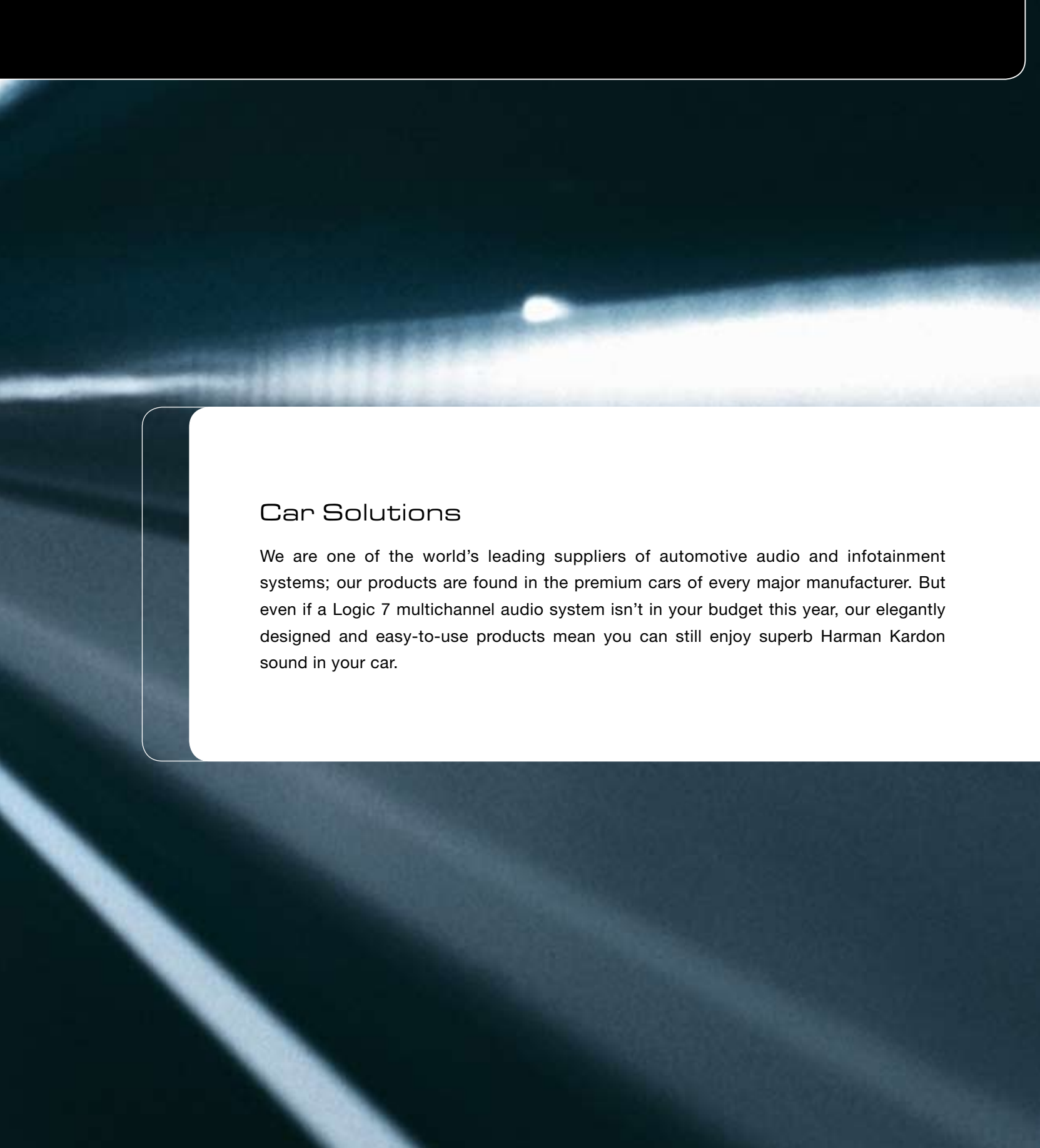
2.1-Channel Home Theater and Music System

The ideal solution in listening rooms where space is limited, the HKTS 2BQ system reproduces stereo music sources and dynamic movie soundtracks with equal finesse. The compact but powerful subwoofer adds the serious bass punch that almost every movie needs, and that many music tracks can benefit from.

HTFS 2BQ

Floor Stands

Designed to position any HKTS satellite at an ideal height for seated listeners, these aluminium floor stands feature a cable-management system to keep speaker wires out of sight. You're welcome.



Car Solutions

We are one of the world's leading suppliers of automotive audio and infotainment systems; our products are found in the premium cars of every major manufacturer. But even if a Logic 7 multichannel audio system isn't in your budget this year, our elegantly designed and easy-to-use products mean you can still enjoy superb Harman Kardon sound in your car.

Classic Series

For audiophiles who also drive, the new series of Harman Kardon high-performance automotive amplifiers engineered for high output and low distortion are the perfect choice. Elegant looking, but with all the power our 50-plus years of amplifier experience can pack into them, Classic Series amps are high-bandwidth designs based on selected parts and carefully designed electronics. Like all Harman Kardon amplifiers, they're more than capable of musical nuance. But they're equally capable of disturbing the peace.

CA280

2-Channel Full-Range Amplifier

2 x 110W RMS @ 4 Ohms

Stereo renaissance. The CA280 comes in a classic stereo configuration and delivers high power into a pair of loudspeakers or, with channels bridged, a power-hungry subwoofer. Built-in electronic crossovers allow for easy system tuning.

CA470

4-Channel Full-Range Amplifier

4 x 85W RMS @ 4 Ohms

Fine-tuned performance. Whether you use your CA470 to drive four loudspeakers, or a pair of speakers and a subwoofer, or two high-powered channels, you can tune your system for best performance using the built-in filters and system controls.

CA5250

5-Channel System Amplifier

4 x 55W + 200W RMS @ 4 Ohms

The one-box solution. The CA5250 features dual high-output MOSFET® power supplies to drive a full audio system – one that includes a subwoofer – with minimal distortion. A full package of built-in filters and controls gives you all the flexibility you need to fine-tune your audio system. A remote bass-level control is also included.

CA1500M

Mono Subwoofer Amplifier

600W RMS @ 2 Ohms

More power into low impedances. With its high-efficiency Class D circuit, the CA1500M delivers distortion-free power into any subwoofer load down to one ohm. A Variable Q bass equalizer with a subsonic filter optimizes system response, while bass level can be easily adjusted from the driver's seat.

Drive + Play™ 2

Your car is a great place to listen to music. And the Apple iPod is a great way to bring your favorite tunes along for the ride. But how can you get at your songs and playlists without taking your mind off your driving? The innovative Harman Kardon Drive + Play™ 2 system gives you all the music-browsing capabilities of your iPod. And it is designed to work with existing car audio systems. Browse by artist, album, song, genre or composer. Scroll through your playlists. Jump ahead to the next track or play the last one over and over. All from the driver's seat. All without taking your eyes off the road.

Drive + Play 2

The next generation of in-car media-player interfaces. Drive + Play 2 not only controls your iPod, it offers full access to audio tracks located on all kinds of USB flash devices. The 3.5" high-resolution color display shows full-color album art and anti-aliased text. The wireless 5-button controller lets you generate your own music mixes and control additional Harman Kardon accessories. The optional Bluetooth hands-free kit lets you import and browse your phone book and gives you full hands-free functionality, even of multiple phones. The external microphone with various installation options ensures perfect audio quality. Drive + Play 2 plugs directly into your car's cigarette lighter port and plays high-quality audio through a built-in wireless FM transmitter or 3.5mm line outputs.

harman/kardon

Personal / Computer Solutions

For the last 10 years, Harman Kardon, Inc., along with key computer manufacturers such as Apple, Dell, Compaq and Toshiba, has been leading the way in the design and supply of high-quality loudspeakers for use in multimedia-rich computer systems. Today, our expertise has been applied to products we've designed for use with your own computer, and for other multimedia devices, including the iPod, that you may own. It all began with the SoundSticks® system, now part of the permanent collection of New York City's Museum of Modern Art. Our award-winning loudspeaker systems are also on display at your local retailer, where you can pick up a piece of design history for yourself.

Harman Kardon GLA-55

Two-Piece Speaker System

No desktop audio system before it has merged art and science so beautifully and so functionally. Every detail, from the facets of its bass-reflex enclosures to its custom chrome tubing, has been designed to complement its astonishingly high sonic quality. From the powerful bass of the Atlas™ woofers to the crystal-clear highs of the aluminum tweeters to the touch-sensitive volume controls, the GLA-55 system is audio luxury defined. It's also extremely versatile, and can be used with your computer, iPod, or virtually any audio device with a 3.5mm output.

SoundSticks® II

Self-Powered Satellite Speakers and Subwoofer System

Clearly superior. An awesome 15cm, 20-watt powered subwoofer. Eight 3cm full-range transducers. Plug-and-play compatibility with virtually any multimedia device. And a museum-honoured design that perfectly matches the clarity of the sound. The Harman Kardon SoundSticks system brings a new level of excitement to music, games and movies – and looks spectacular doing it.

Harman Kardon Go + Play™

High-Performance Portable Loudspeaker Dock for iPod

Understated, sublimely functional industrial design. Unsurpassed performance and ease of use. From its flat iPod cradle and smart RF remote to its arching stainless-steel handle, this is the loudspeaker dock that only Harman Kardon engineers could build. It delivers tight, accurate bass from high-excursion low-frequency drivers and, just as important, its highs are distinct and crystal clear. The Harman Kardon Go + Play loudspeaker dock is AC- or battery-operated, so it will go anywhere your iPod or other music player goes – and make your favorite music sound better when it arrives.

iPod not included

SPECIFICATIONS

Model	DL 632EX/232EX	DL 640HD/240HD	DL 646HD
Description	5.1-/2.1-Channel Home Theater System	5.1-/2.1-Channel Home Theater System	5.1-Channel Home Theater System
Speaker System	HKTS 11/HKTS 2	HKTS 11/HKTS 2	HKTS 11
Screen	32" LCD Screen	40" LCD Screen	46" LCD Screen
Size, Diagonal	82cm, 16:9 Format	102cm, 16:9 Format	117cm, 16:9 Format
Resolution	1366 x 768 Pixels	1920 x 1080 Pixels	1920 x 1080 Pixels
HD-Ready	Yes	Yes, Full HD	Yes, Full HD
Color Display	16.7 Million colors	16.7 Million colors	16.7 Million colors
Viewing Angle	178° Typical	178° Typical	178° Typical
Video	PAL/SECAM/NTSC	PAL/SECAM/NTSC	PAL/SECAM/NTSC
TV Tuner	DVB-T, PAL (BG, DK, I)/SECAM (BG, DK, L), 47 – 861MHz (VHF, UHF, Hyperband)	DVB-T, PAL (BG, DK, I)/SECAM (BG, DK, L), 47 – 861MHz (VHF, UHF, Hyperband)	DVB-T, PAL (BG, DK, I)/SECAM (BG, DK, L), 47 – 861MHz (VHF, UHF, Hyperband)
Picture-in-Picture	With all analog video sources	With all analog video sources	With all analog video sources
Teletext	Yes	Yes	Yes
Formats	4:3, 16:9 (top), 14:9 (top), panorama, full screen	4:3, 16:9 (top), 14:9 (top), panorama, full screen	4:3, 16:9 (top), 14:9 (top), panorama, full screen
System A/V Connection	HDMI™ (video) and coax digital (audio)	HDMI™ (video) and coax digital (audio)	HDMI™ (video) and coax digital (audio)
Additional Video Inputs	HDMI 1, HDMI 2, HDMI 3, DVI-I: analog RGB digital DVI 1.0 HDCP (HDTV) YUV (CVBS), CVBS, Y/C, SCART 1, SCART 2	HDMI 1 (1080p), HDMI 2 (1080p), HDMI 3 (1080i), DVI-I: analog RGB digital DVI 1.0 HDCP (HDTV) YUV (CVBS), CVBS, Y/C, SCART 1, SCART 2	HDMI 1 (1080p), HDMI 2 (1080p), HDMI 3 (1080i), DVI-I: analog RGB digital DVI 1.0 HDCP (HDTV) YUV (CVBS), CVBS, Y/C, SCART 1, SCART 2
Digital Audio Inputs (Coaxial/Optical)	3/1	3/1	3/1
DMP The Bridge Input	Yes	Yes	Yes
USB Inputs (Side/Rear)	1/1	1/1	1/1
Surround Formats	DL 632 EX: DTS,® Dolby® Digital, Dolby Pro Logic,® Logic 7® DL 232 EX: Dolby Virtual Speaker	DL 640 HD: DTS,® Dolby® Digital, Dolby Pro Logic,® Logic 7® DL 240 HD: Dolby Virtual Speaker	DTS,® Dolby® Digital, Dolby Pro Logic,® Logic 7®
DVD Player	Progressive Scan	Progressive Scan	Progressive Scan
Video Formats	DVD, DVD-R/RW, DVD+R/RW, VCD, SVCD, DivX	DVD, DVD-R/RW, DVD+R/RW, VCD, SVCD, DivX	DVD, DVD-R/RW, DVD+R/RW, VCD, SVCD, DivX
Audio Formats	DVD-Audio (DL 632 only), CD, CD-R/RW, MP3, WMA**	DVD-Audio (DL 640 only), CD, CD-R/RW, MP3, WMA**	DVD-Audio, CD, CD-R/RW, MP3, WMA**
Compressed Audio Bit Rates	MP3: 32 kbps – 320 kbps WMA**: 16 kbps – 192 kbps	MP3: 32 kbps – 320 kbps WMA**: 16 kbps – 192 kbps	MP3: 32 kbps – 320 kbps WMA**: 16 kbps – 192 kbps
Still-Image Formats	JPEG	JPEG	JPEG
JPEG Resolution	5 Megapixels, 5MB file size	5 Megapixels, 5MB file size	5 Megapixels, 5MB file size
Upscaling	720p and 1080i	720p and 1080i	720p and 1080i
Tuner	FM RDS, 30 presets	FM RDS, 30 presets	FM RDS, 30 presets
EzSet® Capability	EzSet/EQ™ (on DL 632 EX)	EzSet/EQ™ (on DL 640 HD)	EzSet/EQ™
Temperature	+5°C to +35°C (in operation), –20°C to +60°C (storage)	+5°C to +35°C (in operation), –20°C to +60°C (storage)	+5°C to +35°C (in operation), –20°C to +60°C (storage)
Air Humidity	20% to 85% (noncondensating) @ 35°C	20% to 85% (noncondensating) @ 35°C	20% to 85% (noncondensating) @ 35°C
Power Consumption	170W typical, <3W in standby mode	270W typical, <3W in standby mode	330W typical, <3W in standby mode
Display With Stand (H x W x D)	626mm x 839mm x 200mm	727mm x 1031mm x 280mm	793mm x 1162mm x 280mm
Display Without Stand (H x W x D)	525mm x 839mm x 96mm	626mm x 1031mm x 113mm	702mm x 1162mm x 123mm
Display Weight (Excluding Source and Speaker System)	17.0kg	24.0kg	29.5kg

Model	HS 350	HS 250	HS 200
Description	5.1-Channel Integrated Home Theater System	2.1-Channel Integrated Home Theater System	2.1-Channel Integrated Home Theater System
Multichannel Power	35W x 5	65W x 2	65W x 2
Speaker System	HKTS 11	HKTS 2	HKTS 2
Surround Formats	DTS,® Dolby ® Digital, Dolby Pro Logic® II, Logic 7®	Dolby® Virtual Speaker	Dolby® Virtual Speaker
DVD Player	Progressive scan	Progressive scan	Progressive scan
External Audio Connection	Tape in/out	Tape in/out	Tape in/out
Digital Audio Inputs (Coax/Optical)	1/1	1/1	1/1
USB Input (Side/Rear)	1/1	1/1	1/1
Video Outputs	HDMI,™ composite, S, component, SCART	HDMI,™ composite, S, component, SCART	HDMI,™ composite, S, component, SCART
Video Formats	DVD, DVD-R/RW, DVD+R/RW, VCD, SVCD, DivX®	DVD, DVD-R/RW, DVD+R/RW, VCD, SVCD, DivX®	DVD, DVD-R/RW, DVD+R/RW, VCD, SVCD, DivX®
Audio Formats	DVD-Audio, CD, CD-R/RW, MP3, WMA[1]	DVD-Audio, CD, CD-R/RW, MP3, WMA[1]	CD, CD-R/RW, MP3, WMA[1]
Compressed-Audio Bit Rates	MP3: 32 kbps – 320 kbps WMA[1]: 16 kbps – 192 kbps	MP3: 32 kbps – 320 kbps WMA[1]: 16 kbps – 192 kbps	MP3: 32 kbps – 320 kbps WMA[1]: 16 kbps – 192 kbps
DMP The Bridge Input	Yes	Yes (The Bridge included)	No
EzSet® Capability	EzSet/EQ	No	No
Still-Image Formats	JPEG	JPEG	JPEG
JPEG Resolution	5 Megapixels, 5MB file size	5 Megapixels, 5MB file size	5 Megapixels, 5MB file size
Still-Image Rotation	90° Increments	90° Increments	90° Increments
Upscaling	720p and 1080i	720p and 1080i	720p and 1080i
Tuner	FM RDS, 30 presets	FM RDS, 30 presets	FM RDS, 30 presets
Test Screen	Yes	Yes	Yes
Fast Play	2x, 4x, 16x, 100x	2x, 4x, 16x, 100x	2x, 4x, 16x, 100x
Slow Play	1/2x, 1/4x, 1/8x, 1/16x	1/2x, 1/4x, 1/8x, 1/16x	1/2x, 1/4x, 1/8x, 1/16x
Random Play	Yes, within CD	Yes, within CD	Yes, within CD
Repeat Play	1 Track, 1 disc, A/B[2]	1 Track, 1 disc, A/B[2]	1 Track, 1 disc, A/B[2]
Remote	System remote	System remote	System remote
Dimensions (H x W x D)	90mm x 350mm x 325mm	80mm x 350mm x 325mm	80mm x 350mm x 325mm
Weight (Excluding Speaker System)	7.5kg	6.7kg	6.7kg

[1] Windows Media® Audio (WMA) is a proprietary file format developed by Microsoft.
[2] A/B Repeat Play is available for DVDs, CDs and VCDs only.

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Fotos: Rolf Benz (Bernd Opitz). www.rolf-benz.com

Features, specifications and appearance are subject to change without notice.

SPECIFICATIONS

Model	AVR 760	AVR 660	AVR 355	AVR 255	AVR 155
Description	7.2-Channel AVR	7.1-Channel AVR	7.1-Channel AVR	7.1-Channel AVR	5.1-Channel AVR
Stereo Power (FTC)	100 x 2	90 x 2	70 x 2	65 x 2	50 x 2
Multichannel Power (FTC)	85 x 7*	75 x 7*	65 x 7*	50 x 7*	40 x 5*
Amplifier Type	High-current ±60 amps	High-current ±50 amps	High-current ±35 amps	High-current ±35 amps	High-current ±25 amps
THD @ Impedance	0.07% @ 8 ohms	0.07% @ 8 ohms	0.07% @ 8 ohms	0.07% @ 8 ohms	0.07% @ 8 ohms
Bandwidth	20Hz – 20kHz	20Hz – 20kHz	20Hz – 20kHz	20Hz – 20kHz	20Hz – 20kHz
Bandwidth @ 1W (+0dB/–3dB)	10Hz – 130kHz	10Hz – 130kHz	10Hz – 130kHz	10Hz – 130kHz	10Hz – 130kHz
Signal-to-Noise Ratio (IHF-A)	100dB	100dB	100dB	100dB	100dB
Power Supply	Independent front & rear	Independent front & rear	Independent front & rear	Independent front & rear	Independent front & rear
Dolby Digital Plus	Yes	Yes	Yes	Yes	No
Dolby True HD	Yes	Yes	Yes	Yes	No
Dolby® Digital	Dolby Digital EX	Dolby Digital EX	Dolby Digital EX	Dolby Digital EX	Dolby Digital
Dolby Pro Logic® II	Pro Logic IIx	Pro Logic IIx	Pro Logic IIx	Pro Logic IIx	Pro Logic II
Dolby Volume	Yes	Yes	No	No	No
Dolby Virtual Speaker	Yes	Yes	Yes	Yes	Yes
DTS-HD/DTS-HD Master Audio	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	No / No
DTS® 5.1	Yes	Yes	Yes	Yes	Yes
DTS-ES® 6.1 Discrete & Matrix	Yes	Yes	Yes	Yes	Yes
DTS 96/24™	Yes	Yes	Yes	Yes	Yes
DTS Neo:6®	Yes	Yes	Yes	Yes	Yes
Logic 7®	Yes	Yes	Yes	Yes	Yes
Headphone Modes	2-Channel, Dolby HP	2-Channel, Dolby HP	2-Channel, Dolby HP	2-Channel, Dolby HP	2-Channel, Dolby HP
Multizone Capability	Audio/video, with remote	Audio, with remote	Audio, with remote	Audio	No
Assignable Rear-Channel Amplifiers	Yes	Yes	Yes	Yes	No
A-BUS® Ready	Yes	Yes	Yes	No	No
EzSet® Capability	EzSet/EQ™ II	EzSet/EQ™	EzSet/EQ™	EzSet/EQ™	EzSet/EQ™
S-Video/Component Video Inputs	4	4	4	4	4
Analog Audio Inputs	6	6	6	6	6
Digital Audio Inputs (Coax/Optical)	Rear panel 3/3 Front panel 1/1	Rear panel 3/3 Front panel 1/1	Rear panel 2/2 Front panel 1/1	Rear panel 2/2 Front panel 1/1	Rear panel 2/2 Front panel 1/1
Digital Audio Outputs (Coax/Optical)	Rear panel 1/1	Rear panel 1/1	Rear panel 1/1	Rear panel 1/1	Rear panel 1/0
USB Input	Yes	Yes	No	No	No
Ethernet Input	Yes	Yes	No	No	No
Digital Input Polling	All video inputs	All video inputs	All video inputs	All video inputs	All video inputs
Direct Audio Inputs	7.1 With bass management	7.1	7.1	7.1	5.1
DMP The Bridge II Input	Yes	Yes	Yes	No	No
HDMI™ Inputs/Output	4/1	4/1	3/1	3/1	3/1
HDMI Type	1.3a With audio/video processing	1.3a With audio/video processing	1.3a With audio/video processing	1.3a With audio/video processing	1.3a Switching
Preamp Outputs	7.2 Channels	7.1 Channels	7.1 Channels	7.1 Channels	Subwoofer
Component Video Inputs (Assignable)	3 @ 100MHz	3 @ 100MHz	3 @ 100MHz	3 @ 100MHz	2 @ 100MHz)
Bass Management	Quad crossover	Quad crossover	Quad crossover	Quad crossover	Triple crossover
On-Screen Display	Yes, on HDMI and component	Yes, on HDMI and component	Yes, on HDMI and component	Yes, on HDMI and component	Yes
Input Titling	All inputs	All inputs	All inputs	All inputs	All inputs
DSP Processor	dual TI DA 710	dual TI DA 710	Cirrus® CS 49700	Cirrus® CS 49700	Cirrus® CS 49510
Output DACs	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit
Video Processing/ Conversion	Faroudja DCDi Cinema™ scaling to 1080p	Faroudja DCDi Cinema™ scaling to 1080p	Faroudja DCDi Cinema™ scaling to 1080p	Faroudja DCDi Cinema™ scaling to 1080p	No
High Resolution GUI	Yes	Yes	Yes	Yes	No
A/V Sync Delay per Input	200 mS	200 mS	180 mS	180 mS	80 mS
IEC Detachable Power Cord	Yes	Yes	Yes	No	No
System Remote	8-Device, backlit, learning & preprogrammed	8-Device, backlit, learning & preprogrammed	8-Device learning & preprogrammed	7-Device preprogrammed	6-Device preprogrammed
IR-In/Out Jacks	Yes	Yes	Yes	Yes	No
IR Carrier Output	Yes	Yes	Yes	No	No
Discrete Remote On/Off Codes	Yes	Yes	Yes	Yes	Yes
Low-Voltage Trigger Jacks	2	2	No	No	No
External Data Port	USB and RS-232	USB and RS-232	No	No	No
Speaker Terminals	All-metal color-coded binding posts	Color-coded binding posts	Color-coded binding posts	Color-coded binding posts	Color-coded binding posts
Dimensions (H x W x D)	165mm x 440mm x 426mm	165mm x 440mm x 426mm	151mm x 440mm x 351mm	151mm x 440mm x 351mm	151mm x 440mm x 351mm
Weight	23.6kg	18.6kg	14.4kg	13.6kg	11.1kg

[1] USB port is compatible only with PCs running either Microsoft® Windows® 2000 with Service Pack 4 or higher or Windows XP with Service Pack 1 or higher.

* All channels operating at full power.

Model	DMC 1000	DMC 250
Description	Digital Media Center With DVD Audio/Video Playback and Content Conversion to Hard Drive, USB and Media Cards	Digital Media Center With DVD Audio/Video Playback and Content Conversion to USB and Media Cards
Video Formats	DVD DVD-R/RW, DVD+R/RW, VCD, SCVD	DVD DVD-R/RW, DVD+R/RW, VCD, SCVD
Audio-Playback Formats	DVD-Audio, CD, CD-R/RW, MP3	DVD-Audio, CD, CD-R/RW, MP3
Audio-Record Formats	MP3, CD-R/RW	MP3
Still-Image Formats	JPEG	JPEG
USB Capability	Read/Write, Front and Rear	Panel Read/Write, Front Panel
Card Types Accepted	Read/Write, CF, Memory Stick[1], SD[1], MMC[1]	Read/Write, CF, Memory Stick[1], SD[1], MMC[1]
Storage Capacity HDD	250GB (equal to >1000 CDs[2]), Card/USB: per card size	Varies with card size
Record Speed	Up to 8x with simultaneous playback	1x With play, 4x record-only[3]
Compressed-Audio Bit Rates	MP3 Play: 16kbps – 320kbps, MP3 record:192kbps – 320kbps	MP3 Play: 16kbps – 320kbps, MP3 record:192kbps
Video Output	576i, 576p, 720p, 1080i, 1080p	576i, 576p, 720p, 1080i, 1080p
Video DACs	216MHz/10-bit	216MHz/10-bit
Audio DACs	192kHz/24-bit	192kHz/24-bit
HDMI™ Output	Version 1.1	Version 1.2a
Aux Input	Yes	Yes
Playback Streams	4 Simultaneous	1
Content Identification	Gracenote® with cover art	No
Internal Bass Management	Yes	Yes
Digital-Audio Outputs	Optical, Coaxial, HDMI 1.1	Optical, Coaxial, HDMI 1.2a
External Control	IR-in/out, RS-232	IR-in/out
Remote	Backlit	Backlit
Dimensions (H x W x D)	105mm x 440mm x 404mm	50mm x 440mm x 381mm
Weight	9kg	4kg

[1] MS Duo, SD Mini, MMC Mini, SD Micro and MMC Micro accommodated via optional card adapters.

[2] Storage capacity varies with record bit rate selected.

[3] Record speed may vary with card type; MS records at 1x only.

Model	DVD 49	DVD 39	DVD 29
Description	DVD Audio/Video Player With SACD™ and HDMI™	Progressive-Scan DVD Player With HDMI™	Progressive-Scan DVD Player
Video Formats	DVD, DVD-R/RW, DVD+R/RW, VCD	DVD, DVD-R/RW, DVD+R/RW, VCD	DVD, DVD-R/RW, DVD+R/RW, VCD
Audio Formats	DVD-Audio, SACD,™ CD, CD-R/RW, MP3, WMA[1]	DVD-Audio, CD, CD-R/RW, MP3, WMA[1]	DVD-Audio, CD CD-R/RW, MP3, WMA[1]
HDMI™ Output	Yes, HDMI 1.2a	Yes, HDMI 1.2a	Yes, HDMI 1.1
Still-Image Formats	JPEG, Kodak® Picture CD	JPEG, Kodak® Picture CD	JPEG, Kodak® Picture CD
USB Capability	Read, Front Panel	No	No
Card Types Accepted	Read, CF, Memory Stick, SD, MMC	No	No
DivX	Yes	Yes	Yes
Audio DACs	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit
Video DACs	27MHz – 54MHz/10-bit	27MHz – 54MHz/10-bit	27MHz – 54MHz/10-bit
Video Outputs	480i, 480p, 576i, 576p, 720p, 1080p	480i, 480p, 576i, 576p, 720p, 1080p	480i, 480p, 576i, 576p, 720p
Video Test Screen	Yes	Yes	Yes
Video-Off Mode	Yes	Yes	Yes
Screen Saver	Yes	Yes	Yes
Compressed-Audio Bit Rates	MP3: 32 kbps – 320 kbps, WMA[1]: 64 kbps – 320 kbps	MP3: 32 kbps – 320 kbps, WMA[1]: 64 kbps – 320 kbps	MP3: 32 kbps – 320 kbps, WMA[1]: 64 kbps – 320 kbps
JPEG Resolution	5 Megapixels, 5MB file size	5 Megapixels, 5MB file size	5 Megapixels, 5MB file size
Disc-Recognition Memory	DVD-Video: 100 discs, MP3/WMA[1]: 5 discs	DVD-Video: 100 discs, MP3/WMA[1]: 5 discs	DVD-Video: 100 discs, MP3/WMA[1]: 5 discs
Still-Image Rotation	90-Degree increments	90-Degree increments	90-Degree increments
Slow-Play Forward	1/2x, 1/4x, 1/8x, 1/16x	1/2x, 1/4x, 1/8x, 1/16x	1/2x, 1/4x, 1/8x, 1/16x
Slow-Play Reverse	1/2x, 1/4x	1/2x, 1/4x	1/2x, 1/4x
Fast Play	2x, 4x, 8x, 20x, 100x	2x, 4x, 8x, 20x, 100x	2x, 4x, 8x, 20x, 100x
Random Play	CDs only	CDs only	CDs only
Repeat Play	Disc, track, A/B[2]	Disc, track, A/B[2]	Disc, track, A/B[2]
Programmed Play	CDs only	CDs only	CDs only
Digital Audio Outputs	Coax, optical, HDMI 1.2	Coax, optical, HDMI 1.2	Coax, optical, HDMI 1.1
Remote	Backlit	Backlit	Backlit
IR-In/Out Jacks	Yes	Yes	Yes
Dimensions (H x W x D)	51mm x 440mm x 286mm	51mm x 440mm x 286mm	51mm x 440mm x 286mm
Weight	4.0kg	4.0kg	4.0kg

[1] Windows Media® Audio (WMA) is a proprietary file format developed by Microsoft.

[2] A/B Repeat Play is available for DVDs, CDs and VCDs only.

SPECIFICATIONS

Model	The Bridge II
Description	Docking Station for iPod
iPod Requirements	iPod with docking connector
iPod Compatibility	Compatible with most docking iPod models, 4G and later.
Receiver Requirements	Harman Kardon® AVR with Bridge or Bridge II connector; includes AVR x40, AVR x45, AVR x47 or AVR x55 Series
Audio Compatibility	AVR's analog outputs, including multiroom and A-BUS® outputs and recording outputs
Dimensions (H x W x D)	30mm x 114mm x 114mm
Weight	167g

Model	MS 100
Description	High-Performance Audio System
Drivers	2-Way, 127mm (5") amplified stereo speakers
Power	2 x 30W
Frequency Response	57Hz – 20kHz
Audio Formats	CD, CD-R, CD-RW, enhanced CD, MP3 and WMA playback
MP3 Playback	Yes
WMA Playback	Yes
Audio Inputs	Universal iPod dock [1]
	Front-panel stereo mini jack
	Rear-panel stereo mini jack for line-level or optical-digital audio
	Rear-panel dual RCA jacks (line-level)
Video Outputs	Composite and S-video outputs [2]
Headphone Output	Yes, front panel
Subwoofer Output	Yes
Tuner	FM stereo with RDS, 6 presets
Frequency Range	87.5 – 108MHz
Clock With Alarm and Memory Backup	Yes
Signal-to-Noise Ratio (A-Weighted)	75dBA
Line-Level Output	2.0V RMS
System Remote	Yes
Dimensions (H x W x D)	252mm x 488mm x 194mm
Weight	8.2kg

[1] compatible with most iPod models, 4G and later (iPod not included), with video output available when used with photo- and video-capable iPod models that support video browsing

[2] for use with photo- and video-capable iPod models that support video browsing

Model	ABH 4000	ABH 4
Description	4-Zone/8-Room A-BUS® Expansion Hub	Four-Room A-BUS® Expansion Hub
System Requirements	AB 1, AB 2 or other compatible A-BUS modules, Harman Kardon® A-BUS Ready receiver or any source device with standard analog L/R outputs.	AB 1 or other compatible A-BUS modules, Harman Kardon® A-BUS Ready receiver or any source device with standard analog L/R outputs.
Dimensions (H x W x D)	ABH 4000: 105mm x 240mm x 38mm Power Supply: 37mm x 151mm x 71mm	ABH 4: 84mm x 183mm x 30mm Power Supply: 37mm x 151mm x 71mm
Weight	ABH 4000: 0.65kg; Power Supply: 0.45kg	ABH 4: 0.4kg; Power Supply: 0.45kg

Model	AB 1	AB 2
Description	A-BUS Ready In-Wall Module With Built-In Amplifier	Amplified In-Wall Module With Onboard Controls for A-BUS Applications
System Requirements	Any Harman Kardon® A-BUS Ready receiver, or any receiver or source product connected to an ABH 4 or ABH 4000. Connections via Cat. 5/5e cable. Use with 6-ohm or 8-ohm speakers with sensitivity >88dB. Includes IR sensor for pass-through of remote commands.	Any Harman Kardon® A-BUS Ready receiver, or any receiver or source product connected to an ABH 4000. Connections via Cat. 5/5e cable. Use with 6-ohm or 8-ohm speakers with sensitivity >88dB. Includes IR sensor for pass-through of remote commands.
Dimensions (H x W x D)	108mm x 44mm x 57mm	108mm x 44mm x 57mm
Weight	0.11kg	0.15kg

Model	HE 1000
Description	External Infrared Remote Sensor
System Requirements	Harman Kardon® or compatible products with "IR Remote-In" jack
Includes	Power supply, connecting block, connecting cable
Dimensions (H x W x D)	25mm x 84mm x 59mm
Weight	162g

Model	HK 3490	HK 3390
Description	Stereo Receiver	Stereo Receiver
Power (FTC)	120 x 2	80 x 2
THD	<0.07%	<0.07%
Impedance	8 Ohms	8 Ohms
Bandwidth	20Hz – 20kHz	20Hz – 20kHz
HCC (amps)	±45	±42
Bandwidth @ 1W (+0, –3dB)	10Hz – 110kHz	10Hz – 110kHz
Discrete Amplifier Output Devices	Yes	Yes
Dolby® Virtual Speaker	Yes	No
Audio Inputs	7 (1 on front panel)	7 (1 on front panel)
Video Inputs	4 (1 on front panel)	4 (1 on front panel)
Video Outputs	2	2
Digital Audio Inputs (coax/optical)	Rear panel 1/1	No
DMP The Bridge Input	Yes	No
Phono Input	Yes	Yes
Tape Monitor Loop	Yes	Yes
Tuner	AM/FM stereo with 30 presets	AM/FM stereo with 30 presets
A/B Speaker Switching	Yes	Yes
Subwoofer Output	Yes, two	Yes, two
Subwoofer Trigger	Yes	Yes
Preamp Outputs/ Main Amp Inputs	Yes	Yes
Accessory Outlets	2 Switched	2 Switched
System Remote	Yes	Yes
Separate Remote On/Off Buttons	Yes	Yes
IR-In/Out Jacks	Yes	Yes
Dimensions (H x W x D)	168mm x 441mm x 381mm	168mm x 441mm x 381mm
Weight	10.5kg	9.5kg

Model	HD 990	HD 980
Description	CD Player	CD Player
Support Data	PCM: 16 to 24 bits, 30 to 96kHz	PCM: 16 to 24 bits, 30 to 96kHz
DAC Technology	Multibit Sigma-Delta modulator with continuous-time differential-current output DACs	Multibit Sigma-Delta modulator
DAC Interface	24-Bit/384kHz direct DSP mode	24-Bit/176.4kHz
Oversampling	8x	4x
MP3 Playback	Yes	Yes
CD Text	Yes	Yes
Digital Input	1 Coaxial,1 optical	No
Balanced XLR Outputs	Yes	No
HRS-Link	Yes	No
Frequency Response (±0.5dB)	20Hz – 20kHz	20Hz – 20kHz
Signal-to-Noise Ratio (A-Weighted)	117dBA	110dBA
Total Harmonic Distortion (A-Weighted)	<0.0009%	<0.0009%
Line-Level Output	2.0V RMS	2.0V RMS
Digital Coaxial Output Level	0.5 V pp/75 ohms	0.5 V pp/75 ohms
Dynamic Range	>116dB	>100dB
Channel Separation	>115dB	>100dB
Power Requirement	AC 220 – 240V/50Hz	AC 220 – 240V/50Hz
Power Consumption (Watts)	10W	10W
Dimensions (H x W x D)	63mm x 440mm x 332mm	63mm x 440mm x 332mm
Weight	3.9kg	3.8kg

Model	HK 990	HK 980
Description	Integrated Amplifier	Integrated Amplifier
Power (FTC)[1]	2 x 150W @ 8 ohms / 2 x 300W @ 4 ohms	2 x 80W @ 8 ohms / 2 x 100W @ 4 ohms
HCC (Amps)	±200	±80
Ultrawide Bandwidth @ 1W (+0, –3dB)	10Hz – 170kHz	10Hz – 170kHz
Discrete Amplifier Output Devices	Yes	Yes
Signal-to-Noise Ratio IHF-A (–3dB)	109dB	109dB
EzSet® Capability	EzSet/EQ™, 2.2-channel	No
Audio Inputs	8	6
Tape Monitor Loop	Yes	Yes
Phono Input	Yes, MM and MC	Yes, MM
Digital Audio Inputs (coax/optical)	Rearpanel 2/2	No
Processor Input	Yes, 2.2-channel	No
Balanced XLR Inputs	Yes	No
HRS-Link	Yes	No
Digital Audio Output (coax/optical)	Rearpanel 1/0	No
Preamp Outputs	Yes	Yes
Subwoofer Output	Yes, dual	No
Power Requirement	AC 220 – 240V/50Hz	AC 220 – 240V/50Hz
Power Consumption (Watts)	800W max	345W max
IR-In/Out Jacks	Yes	Yes
Dimensions (H x W x D)	165mm x 440mm x 435mm	116mm x 440mm x 392mm
Weight	19.6kg	12.7kg

[1] 20Hz – 20kHz, 8 ohms, 0.07% THD, boths channels driven

Model	TU 980	
Description	Dual-Band DAB Tuner	
DAB Section	Frequency Range	Band III: 174MHz – 240MHz
		Band L: 1452MHz – 1492MHz
	Input Sensitivity	–87dBm
	Output Level	1V (–20dBm)
	Signal-to-Noise Ratio	95dB
	Total Harmonic Distortion	0.005%
	Stereo Separation	88dB
FM Section	Frequency Range	87.5MHz – 108MHz
	Signal-to-Noise Ratio Mono/Stereo	71/65dB
	Distortion Mono/Stereo	0.25/0.4 %
AM Section	Frequency Range	522kHz – 1620kHz
	Signal-to-Noise Ratio Mono/Stereo	0.05/0.18%
	Distortion Mono	0.15%
	Power Requirement	AC 220 – 240V/50Hz
	Power Consumption (Watts)	12W max
	Dimensions (H x W x D)	63mm x 440mm x 334mm
	Weight	3.4kg

SPECIFICATIONS

Model	HKTS 11BQ	HKTS 7BQ	HKTS 2BQ
Description	5.1-Channel Home Theater Speaker System	5.1-Channel Home Theater Speaker System	2.1-Channel Home Theater and Music System
Satellites	Four identical two-way satellites with dual 75mm midranges and a 19mm-dome tweeter, video-shielded	Five identical two-way satellites with a 75mm midrange and a 13mm-dome tweeter, video-shielded	Two identical two-way satellites with dual 75mm midranges and a 19mm-dome tweeter, video-shielded
Center Channel Speaker	Voice-matched, dual-driver, with two 75mm midranges and a 19mm-dome tweeter	Voice-matched, dual-driver, with two 75mm midranges and a 19mm-dome tweeter	N/A
Subwoofer	200-Watt, bass-reflex powered subwoofer with a 250mm driver	100-Watt, bass-reflex powered subwoofer with a 250mm driver	200-Watt, bass-reflex powered subwoofer with a 250mm driver
Impedance	8 Ohms (sats & center)	8 Ohms (sats & center)	8 Ohms (sats & center)
Sensitivity (SPL @ 1 Watt/Meter)	86dB (sats & center)	86dB (sats & center)	86dB (sats & center)
Frequency Response	System: 25Hz – 20kHz (–6dB)	System: 35Hz – 20kHz (–6dB)	System: 25Hz – 20kHz (–6dB)
Line-Level Inputs	Stereo RCA jacks and dedicated LFE	Stereo RCA jacks and dedicated LFE	Stereo RCA jacks and dedicated LFE
Speaker-Level Inputs & Outputs	Binding posts	Binding posts	Binding posts
Recommended Amplifier Power	10W – 120W	10W – 80W	10W – 120W
Subwoofer-Level Control	Yes	Yes	Yes
Phase Switch	Yes	Yes	Yes
Music Sense Turn-On	Yes	Yes	Yes
Trigger Input Turn-On	Yes	Yes	Yes
Low-Pass Filter Switch	Yes	Yes	Yes
Cables Included	Yes	Yes	Yes
Wall-Mount Capability	Brackets included for four satellites and center	Brackets included for four satellites and center	Brackets included for four satellites
Dimensions (H x W x D)	Sats: 243mm x 100mm x 92mm	Sats: 167mm x 100mm x 92mm	Sats: 243mm x 100mm x 92mm
	Sub: 479mm x 340mm x 340mm	Sub: 479mm x 340mm x 340mm	Sub: 479mm x 340mm x 340mm
	Center: 102mm x 241mm x 92mm	Center: 102mm x 241mm x 92mm	
Weight	Sats: 1kg	Sats: 0.6kg	Sats: 1kg
	Sub: 22kg	Sub: 15kg	Sub: 15kg
	Center: 1kg	Center: 1kg	

Model	HKS 4BQ
Description	Surround Loudspeakers
Satellites	Two identical two-way satellites with dual 75mm midranges and a 19mm-dome tweeter, video-shielded
Impedance	8 Ohm
Sensitivity (SPL @ 1 Watt/Meter)	86dB
Frequency Response	105Hz – 20kHz (–6dB)
Speaker-Level Inputs & Outputs	Spring lever (inputs only)
Recommended Amplifier Power	10W – 120W
Cables Included	Yes
Wall-Mount Capability	Pair of brackets included
Dimensions (H x W x D)	243mm x 100mm x 92mm
Weight	1kg

Model	HTFS 2BQ[1]
Description	Floor Stands
Aluminum-Extrusion Column	Yes
Wire-Management System	Yes
Height, Assembled, Not Including Floor Spikes and Without Speaker	876mm
Base	229mm x 178mm Oval
Weight	7.6kg

[1]Some assembly required.

Model	CA280	CA470	CA5250	CA1500M
Description	2-Channel Car Amplifier	4-Channel Car Amplifier	5-Channel Car Amplifier	Mono Subwoofer Car Amplifier
Channels	2 Full range	4 Full range	4 + 1 Subwoofer	1 Subwoofer
Type of Amplification	Class AB	Class AB	Class AB	Class D
Output Power (RMS, 4 Ohms, <1% THD + N)	2 x 110W	4 x 85W	4 x 55W + 200W	360W
Output Power (RMS, 2 Ohms, <1% THD + N)	2 x 160W	4 x 135W	4 x 80W + 320W	600W
Signal-to-Noise Ratio (1W, 4 Ohms)	85dBA	85dBA	85dBA	85dBA
Frequency Response (–3dB)	10Hz – 100kHz	10Hz – 100kHz	10Hz – 100kHz /10Hz – 320Hz	10Hz – 320Hz
Built-In Electronic Crossover (Front/Rear: 12dB/Oct.; Sub: 24dB/Oct.)	LP/HP/Off	Front/Rear LP/HP/Off	Front/Rear LP/HP/Off Sub LP	LP
Variable Subsonic (12dB/Oct.)	Yes	Yes (rear)	Yes, incl. EQ (sub)	Yes, incl. EQ
Phase Shift (Variable 0–180°)	No	No	No	Yes
RJ45 Single-Wire Audio Input/Output	Yes	Yes	Yes (input only)	Yes
Subwoofer-Level Remote Control	No	No	Yes	Yes
Auxiliary Line Level Output	Yes (feed through)	Yes (sum up all ch)	No	Yes (feed through)
Dimensions (L x W x H)	284mm x 234mm x 62mm	404mm x 234mm x 62mm	534mm x 234mm x 62mm	404mm x 234mm x 62mm

Model		Drive + Play™ 2
Description		Apple iPod and USB Flash Drive Interface
Display	Type	3.5" LCD (full colour)
	Resolution	320 x 240 pixels
	Light Sensor	Yes
	Picture Adjustment	Brightness
	Display Themes	Various colours
Controller	Type	5-Button wireless (2.4GHz)
	Rotation	360° Scroll wheel
Hub	USB 2.0 Accessory Port	Yes
	USB Flash Drive Support	Yes
	Software Upgradeable	Yes
	Detachable Lighter Plug	Yes
iPod Support	Audio/Photo/Video Playback	Yes/No/No
	Album-Art Display	Yes
	Playlists/Audio Books/Podcasts	Yes/Yes/Yes
Audio Output	3.5mm Line Level	Yes
	Wireless FM Transmitter	Yes
	Wired FM Transmitter	Yes
Accessory	Bluetooth® Handsfree Kit	Optional

SPECIFICATIONS

Model	GLA-55	
Description	Desktop Audio System	
Driver Technology	Atlas™ AL	
System	Power	56 Watts per satellite at 1% THD
	Input Impedance	>5k Ohms
	Frequency Response (-10dB)	35Hz – 20kHz
	Input Sensitivity	250mV for rated power
Dimensions (W x H)	140mm x 270mm	

Model	SoundSticks® II	
Description	Self-Powered Satellite Speakers and Subwoofer System	
System	Frequency Range	44Hz – 20kHz
	Power Consumption	4W idle, 65W maximum
	Input Requirement	3.5mm Stereo mini jack
Subwoofer	Transducer	(1) 152mm Woofer
	Amplifier Output Power	20W RMS
	Dimensions	232mm x 258mm
	Weight	2.2kg
Satellite	Transducers	(4) 25mm Full range per channel
	Amplifier Output Power	10W RMS per channel
	Dimensions	510mm x 2540mm
	Weight	0.67kg

Model	Harman Kardon Go + Play™	
Description	Portable Loudspeaker Dock for iPod	
Available In	Matte black, with stainless-steel details	
Input Requirement	Main connection	iPod docking connector
	Auxiliary connection	3.5mm Stereo mini jack; S-video connection; USB connection for synchronizing iPod with computer
Driver	Two Ridge and two Atlas™ transducers	
Power	2 x 15W for tweeters; 2 x 30W for woofers	
Frequency Response	40Hz – 20kHz	
Dimensions (W x H x D)	500mm x 230mm x 240mm	
Weight	4.6kg	
Input Impedance	>10k ohms	
Signal-to-Noise Ratio	>85dB	

Model	HS 350	HS 250	HS 200
Number of Channels	5.1	2.1	2.1
Multichannel Power (W, FTC)	35 x 5	65 x 2	65 x 2
Speaker System	HKTS 11	HKTS 2	HKTS 2
DTS® 5.1/Dolby® Digital/Dolby Pro Logic® II/Logic 7®/Dolby Virtual Speaker	•/•/•/•/–	–/–/–/–/•	–/–/–/–/•
Progressive-Scan DVD Player	•	•	•
Tape-In/Out External Audio Connection	•	•	•
Digital Audio Inputs (Coax/Optical)	1/1	1/1	1/1
USB Input (Side/Rear)	1/1	1/1	1/1
Video Outputs (HDMI™/Component/S-Video/Composite/SCART)	•/•/•/•/•	•/•/•/•/•	•/•/•/•/•
DMP The Bridge Input	•	•	–
EzSet/EQ™	•	–	–
Two-Line DOT Matrix Display	•	•	–
DivX® Video Playback	•	•	•
Audio Formats	DVD-Audio, CD, CD-R/RW, MP3, WMA	DVD-Audio, CD, CD-R/RW, MP3, WMA	CD, CD-R/RW, MP3, WMA
Still-Image Formats	JPEG	JPEG	JPEG
Disc-Recognition Memory for 100 Discs	•	•	•
Upscaling to 720p or 1080i	•	•	•
FM Tuner With 30 Presets	•	•	•
Test Screen	•	•	•
System Remote Control	•	•	•

Model	AVR 760	AVR 660	AVR 355	AVR 255	AVR 155
Number of Channels	7.2	7.1	7.1	7.1	5.1
Stereo Power (W, FTC)	100 x 2	90 x 2	70 x 2	65 x 2	50 x 2
Multichannel Power (W, FTC)	85 x 7	75 x 7	65 x 7	50 x 7	40 x 5
High-Current Capability (Amps)	±60	±50	±35	±35	±25
Dolby® True HD/ Dolby® Digital Plus/Dolby® Digital EX/ Dolby Digital/Dolby Pro Logic® II/Dolby Virtual Speaker	•/•/•/•/•/•	•/•/•/•/•/•	•/•/•/•/•/•	•/•/•/•/•/•	–/–/–/•/•/•
DTS®-HD Master Audio/DTS®-HD/DTS® 5.1/DTS-ES® 6.1 Discrete & Matrix/ DTS 96/24™/DTS Neo:6®/Dolby Volume	•/•/•/•/•/•/•	•/•/•/•/•/•/•	•/•/•/•/•/•/–	•/•/•/•/•/•/–	–/–/•/–/•/•/–
Logic 7®	•	•	•	•	•
Multizone Audio Capability/Multizone Video Capability	•/•	•/–	•/–	•/–	–/–
A-BUS® Ready/Assignable Rear-Channel Amplifiers	•/•	•/•	•/•	–/•	–/–
EzSet® Capability	EzSet/EQ™ II	EzSet/EQ™	EzSet/EQ™	EzSet/EQ™	EzSet/EQ™
S-Video/Composite Video Inputs	4	4	4	4	4
Analog Audio Inputs	4	4	4	4	4
Digital Audio Inputs Rear (Coax/Optical)	3/3	3/3	2/2	2/2	2/2
Digital Audio Inputs Front (Coax/Optical)	1/1	1/1	1/1	1/1	1/1
Digital Audio Outputs Rear (Coax/Optical)	1/1	1/1	1/1	1/1	1/0
USB Input	•	•	–	–	–
Ethernet Connection	•	•	–	–	–
DMP The Bridge II Input/Portable Player Input	•/–	•/–	•/–	–/•	–/•
Digital Input Polling on All Video Inputs	•	•	•	•	•
Direct Audio Inputs/With Bass Management	7.1/•	7.1/–	7.1/–	7.1/–	5.1/–
HDMI™ Inputs/Output	4/1	4/1	3/1	3/1	3/1
HDMI Type (Audio Processing/Video Processing/Switching)	1.3a (•/•/•)	1.3a (•/•/•)	1.3a (•/•/•)	1.3a (•/•/•)	1.3a (–/–/•)
Preamp Output Channels	7.2	7.1	7.1	7.1	–
Preamp Output Subwoofer	•	•	•	•	•
Component Video Inputs (Assignable)	3 @ 100MHz	3 @ 100MHz	3 @ 100MHz	2 @ 100MHz	2 @ 100MHz
Bass Management With Quadruple Crossover	•	•	•	•	Triple
On-Screen Display/On-Screen Display on HDMI and Component Output	•/•	•/•	•/•	•/•	•/–
Full-color, High-resolution GUI	•	•	•	•	–
Input Titling on All Inputs	•	•	•	•	•
DSP Processor	2x TI DA 710	2x TI DA 710	Cirrus® CS 49700	Cirrus® CS 49700	Cirrus® CS 49510
Faroudja DCDi Cinema™ Video Processing With Scaling to 720p or 1080p	•	•	•	•	–
Composite and S-Video to Component Cross-Conversion	•	•	•	–	–
A/V Sync Delay per Input	200 mS	200 mS	180 mS	180 mS	80 mS
IEC Detachable Power Cord	•	•	•	–	–
System Remote Control (No. Devices)/Learning/Programmable/Backlit	•, 8/•/•/•	•, 8/•/•/•	•, 8/•/•/•	•, 7/–/•/–	•, 6/–/•/–
IR In/Out Jacks	•	•	•	•	–
IR Carrier Output	•	•	•	–	–
Discrete Remote-On/Off Codes	•	•	•	•	•
Low-Voltage Trigger Jacks	2	1	–	–	–
RS-232 Control	•	•	–	–	–
Metal/Color-Coded Speaker Terminals	•/•	–/•	–/•	–/•	–/•

COMPARISONS

Model	HK 3490	HK 3390
Power (W, FTC)	120 x 2	80 x 2
High-Current Capability (Amps)	±45	±42
Dolby® Virtual Speaker	•	–
Audio Inputs	7	7
Video Inputs (Rear/Front)	4/1	3/1
Video Outputs	2	2
Phono Input	1	1
Digital Audio Inputs (coax/optical)	1/1	–/–
DMP The Bridge Input	•	–
AM/FM Tuner With 30 Presets	•	•
A/B Speaker Switching	•	•
Dual Subwoofer Output	•	•
Subwoofer Trigger Outputs	•	•
Preamp Outputs/Main-Amp Inputs	•	•
Switched Accessory Outlets	2	2
System Remote Control	•	•

Model	DVD 49	DVD 39	DVD 29
Video Formats	DVD, DVD-R/RW, DVD+R/RW, VCD, DivX®	DVD, DVD-R/RW, DVD+R/RW, VCD, DivX®	DVD, DVD-R/RW, DVD+R/RW, VCD, DivX®
Audio Formats	DVD-Audio, CD-R/RW, MP3, WMA**	DVD-Audio, CD-R/RW, MP3, WMA**	CD-R/RW, MP3, WMA**
SACD™ CD Playback	•	–	–
HDMI™ Output (1.2a/1.1)	•/–	•/–	–/•
Upscaling to 720p/1080p	•/•	•/•	•/–
Still-Image Formats	JPEG, Kodak® Picture CD	JPEG, Kodak® Picture CD	JPEG, Kodak® Picture CD
Audio DACs	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit
Video DACs	27MHz – 54MHz/10-bit	27MHz – 54MHz/10-bit	27MHz – 54MHz/10-bit
Video Outputs	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	480i, 480p, 576i, 576p, 720p
Video Test Screen	•	•	•
Video Off Mode	•	•	•
Screen Saver	•	•	•
Disc-Recognition System	•	•	•
Digital Audio Outputs (Coaxial/Optical/HMDI)	•/•/•	•/•/•	•/•/•
USB Read Capability	•	–	–
CF/Memory Stick/SD/MMC Read Capability	•/•/•/•	–/–/–/–	–/–/–/–
Backlit Remote Control	•	•	•
IR-In/Out Jacks	•	•	•

Model	HD 990	HD 980
Support Data	PCM: 16 to 24 bits, 30 to 96kHz	PCM: 16 to 24 bits, 30 to 96kHz
DAC Interface With Direct DSP Mode	24-Bit/384kHz	24-Bit/176.4kHz
Oversampling	8x	4x
MP3 Playback	•	•
CD Text	•	•
Digital Input (Coaxial/Optical)	1/1	–/–
Balanced XLR Outputs	•	–
HRS-Link	•	–
Signal-to-Noise Ratio (A-Weighted)	117dBA	110dBA
Total Harmonic Distortion (A-Weighted)	<0.0009%	<0.0009%
Dynamic Range	>116dB	>100dB
Channel Separation	>115dB	>100dB

Model	HKTS 11BQ	HKTS 7BQ	HKTS 2BQ
Identical Two-Way Satellites	Four	Four	Two
75mm Midrange Drivers (Dual/Single)	•/–	–/•	•/–
Dome Tweeter (19mm/13mm)	•/–	–/•	•/–
Center Channel Speaker	One	One	No
75mm Midrange Drivers (Dual/Single)	•/–	•/–	N/A
Dome Tweeter (19mm/13mm)	•/–	•/–	N/A
Bass-Reflex Subwoofer (FTC)	250mm, 200W	250mm, 100W	250mm, 200W
System Frequency Response	25Hz – 20kHz (–6dB)	35Hz – 20kHz (–6dB)	25Hz – 20kHz (–6dB)
Line-Level Inputs (Stereo RCA/LFE)	•/•	•/•	•/•
Recommended Amplifier Power	10W – 120W	10W – 80W	10W – 120W
Subwoofer-Level Control	•	•	•
Phase Switch	•	•	•
Music Sense Turn-On	•	•	•
Trigger Input Turn-On	•	•	•
Low-Pass Filter Switch	•	•	•
Cables Included	•	•	•
Brackets for Wall-Mounting Included	•	•	•

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HKCAT0809 EN

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