

A man with grey hair and glasses, wearing a grey suit, a striped shirt, and a patterned tie, is leaning against a dark wooden table. He is looking towards the camera. On the table next to him is a black Harman/Kardon receiver. The background is a dark, textured wall.

LIVING WITH SOUND

CATALOGUE | 2010-2011

harman/kardon®
by HARMAN



HK 1990

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Cover photograph by Mattias Edwall



SOUND PRODUCTS FOR LIFE

The seasons may change, but great sound never goes out of style. harman kardon® engineers have been celebrating this fact with audio enthusiasts around the world for almost 60 years. From award-winning sound quality to cutting-edge design, harman kardon audio makers have consistently kept their finger on the pulse of what you want. We're proud to say that the harman kardon 2010-2011 product line is no exception. From integrated home theatre systems to high-performance music systems, the harman kardon line has a world of stylish sound solutions for your home. After all, you'll spend roughly 70 percent of your life inside your home. Why not spend every second of every day with audio excellence that's unsurpassed?





MASTERPIECE THEATRE

photography by Morgan Norman

INTEGRATED HOME THEATRE SYSTEMS

It's Friday night. Movie night. And you want to enjoy the latest action film at home instead of cramming into a packed movie theatre listening to idle chatter amid the glow of phone screens. We understand. That's why we have a range of sophisticated home theatre systems that allow you to get your home cineplex up and running with the greatest of ease. Each system matches together a high-performance A/V receiver (housing a Blu-ray Disc™ or DVD player) with speakers designed to engulf you in a 360-degree soundscape. The result? An expectation-defying package and home entertainment experience as expertly crafted as what you're watching on screen.





BDS 800

5.1-channel integrated home theatre system with Dolby® Digital and DTS® surround-sound decoding and HDMI™ output

This sleek, powerful, modern movie theatre for your home is perhaps the most breathtaking new addition to the harman kardon family. With superb audio/video performance, a Blu-ray Disc receiver, four dual-driver satellite speakers and one dual-driver centre speaker supplying sublime Dolby Digital and DTS surround sound, the BDS 800 can transform any ordinary TV viewing into a cinematic experience worthy of stadium seating.



BDS 700

5.1-channel integrated home theatre system with Dolby Digital and DTS surround-sound decoding and HDMI output

Imagine a home theatre system so complete it practically comes with a set of ushers. That's what you get with the BDS 700. Possessing every component you'll need to create a theatrical audio/visual experience worthy of plush seating and ticket-takers, the BDS 700 has a built-in Blu-ray Disc receiver, four satellite speakers, a powerful subwoofer and all the cables, wires and speaker wall-mounting hardware necessary to get up and running. Add in its attractive, compact dimensions and this home theatre system is sure to fit your lifestyle in every way.



BDS 600

3.1-channel integrated home theatre system with a sleek soundbar speaker

Simple. Small. And surprisingly powerful. Those are a few of the words you might use to describe the infinitely capable BDS 600. As an easy-to-use, completely integrated home theatre system, the BDS 600 comes with a superb soundbar speaker system that supplies left-, centre- and right-channel audio to produce crisp, distinct film dialogue. Combine all of that with a compact, 200-watt subwoofer, which generates the deeply satisfying bass so popular in today's top Hollywood fare, and the movie-theatre experience has never fit better in your life – or your living room.



BDS 400

2.1-channel integrated home theatre system with Dolby Virtual Speaker and HDMI output

As a complete home theatre A/V system, the BDS 400 has impressive range, producing a 5.1-channel surround-sound experience from just two speakers. In addition, the on-screen menu makes the BDS 400 easy to use, simply requiring that you add only your TV and Blu-ray Disc, DVD, CD or USB music files to the mix. Once you've done that, prepare to experience performance superior to any similar system you might mix and match at the store.



BDS 300

2.1-channel integrated home theatre system

With plug-and-play convenience, sleek and modern styling, and superb audio/video performance, the BDS 300 home theatre system is designed to deliver a clear, precise and powerful entertainment experience from two very capable speakers.



BDS 5

5 x 65W 5.1-channel Blu-ray Disc receiver with a USB port and HDMI output

As the A/V receiver for the BDS 800, BDS 700 and BDS 600 home theatre systems, the BDS 5 is a versatile, full-line media player that has the ability to play Blu-ray Disc, DVD and CD formats – in addition to audio, picture and video files from its USB port. By producing a wide variety of entertainment for your viewing (and listening) pleasure, the multidimensional BDS 5 is a streamlined system that's built to shine – especially once the lights go down.



BDS 2

2 x 65W 2.1-channel Blu-ray Disc receiver with a USB port and HDMI output

The BDS 2 is the exclusive AVR of the BDS 400 and BDS 300 integrated home theatre systems. Capable of playing Blu-ray Disc, DVD and CD formats, the BDS 2 is designed to transform any TV or film viewing experience into a highly immersive one – and from just two satellite speakers. Ultimately, the BDS 2 might just surprise you – not bad for a receiver that's also surprisingly easy to set up.



HS 280

2 x 65W 2.1-channel integrated home theatre system

Technical excellence and simplicity in terms of setup. That's what harman kardon engineers strive for – and that's what the HS 280 achieves as a sophisticated, all-inclusive entertainment system. In addition to a USB input and network connectivity that allow for MP3, JPEG and WMA playback, the HS 280 has a high-performance A/V receiver and DVD player elegantly woven into a single, beautifully crafted component. And since it's easy to connect, the HS 280 won't require a technical genius to help you set it up.



HS 210

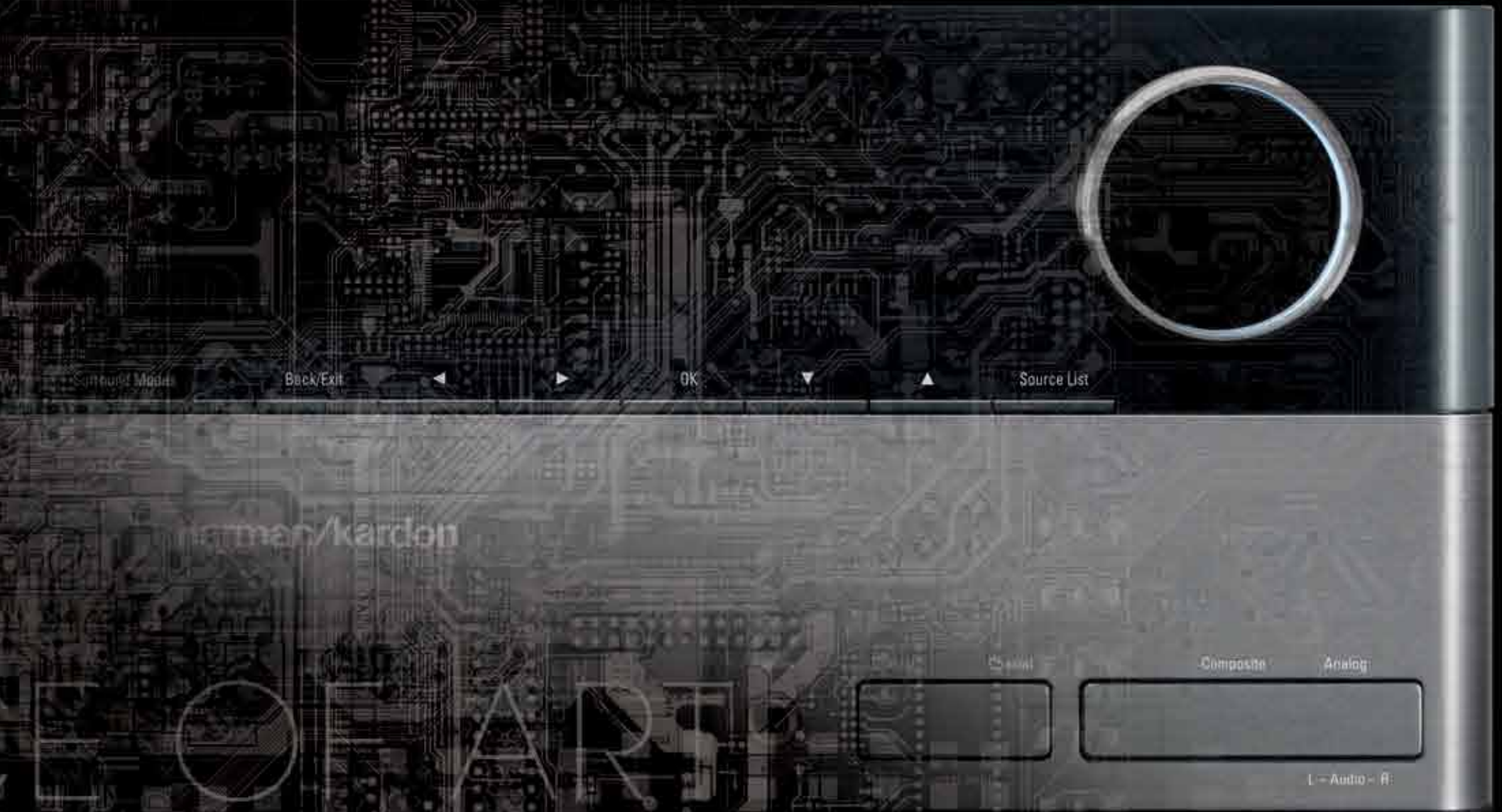
2 x 65W 2.1-channel integrated home theatre system

The HS 210 performs as impressively as any all-inclusive entertainment system in the harman kardon family. Like all of our integrated home theatre systems, it's guided by a single, intuitive remote that lets you toggle between your favourite scenes, tracks and bonus features from the coziest of couch cushions. And by keeping system connections to a bare minimum, it's a compelling candidate for 'Most Elegant New Addition' to any room of your house.

SCIENCE IN THE SERVICE OF ART

'HARMAN audio design philosophy is "science in the service of art", where the goal is to accurately reproduce the art (the music recording) as the artist intended. To achieve this goal, a scientific approach based on controlled listening tests and comprehensive technical measurements is used to identify which sound-quality parameters are most perceptually important to listeners.'

— Dr. Sean Olive, Director of Acoustic Research



THE SCIENCE OF SOUND

harman kardon audio products are built to satisfy the stratospheric standards of even the most finicky of audiophiles. From audio speakers to home theatre systems, our goal is to reproduce sound in the purest manner possible while staying faithful to the original source.

Like a chef preparing a gourmet meal, harman kardon engineers assemble only the finest ingredients to produce an entertainment feast worthy of your consumption. Sometimes we engineer these ingredients ourselves; and sometimes we integrate other bar-raising audio technologies (such as Dolby TrueHD) to achieve the best result. Whatever the concoction, we never compromise the harman kardon vision when it comes to building you the best high-performance systems possible. And we don't stop there. Through

comprehensive scientific research, harman kardon products gain precise and noteworthy advantages over the competitive field. Take our exclusive technology known as EzSet/EQ™, for example. Like any great performer, this advancement knows how to read a room. By tailoring its performance specifically to the acoustic requirements of the listening environment, harman kardon EzSet/EQ technology automatically calibrates systems (such as the HK 990 and our AV receivers) while intuitively measuring the frequency-response peaks and dips inherent in every listening area. And when you think about it, that's actually a microcosm of the harman kardon brand – since we've been reading our audience from the very beginning to improve our end result.

ATTENTION GETTERS

photography by Greg Sorensen





AUDIO/VIDEO RECEIVERS

Great sound and picture are anything but automatic, yet with a harman kardon AVR, they may seem that way. With more advanced technologies than ever, the adept array of harman kardon AVRs optimizes entertainment experiences from virtually any source, old or new. And let's be honest: Other than ease of use (a shared attribute of all harman kardon AVRs), your big concern is how your entertainment looks, sounds and performs for you and your guests. So sit back, relax and let your packed house enjoy the show.



AVR 760

7 x 85W 7.2-channel A/V receiver with HDMI 1.4a with 3-D, audio/video processing and upscaling to 1080p

The AVR 760 is the most powerful and most capable harman kardon A/V receiver. As a whole-house audio solution, the AVR 760 does almost everything you can imagine, with a mind to making source material look as great as it sounds – thanks to Dolby and DTS technologies, Logic 7® sound processing, Faroudja DCDi Cinema™ video-image upgrading and other innovations. And rest assured, whatever input you throw its way – HDMI, analogue or component audio/video, or sounds and images from your iPod device via The Bridge II docking station (included) – the AVR 760 can handle it. Simply pair it up with any source you've got, and experience the difference immediately.





AVR 660

7 x 75W 7.1-channel A/V receiver with HDMI 1.4a with 3-D, audio/video processing and upscaling to 1080p

The versatile AVR 660 possesses many of the features that make the harman kardon AVR series so successful. Some highlights include Dolby Volume technology (which automatically adjusts volume levels while switching between sources and channels), easy enabling of multizone audio setups and video gaming, and the ability to correct for 'lip sync' problems. Ironical, because the AVR 660 just may have you mouthing the words 'thank you'.



AVR 460

7 x 60W 7.1-channel A/V receiver with HDMI 1.4a with 3-D, audio/video processing and upscaling to 1080p

As an audiophile, you appreciate a beautiful performer when you see one. Sharing many of the same key features as its siblings, the AVR 460 is just about as desirable as they are – but at a more attractive price point. With a high-definition, on-screen user interface allowing for seamless control of all inputs (including your iPod and iPhone devices), your music and video finally have the perfect place to perform.



AVR 360

7 x 55W 7.1-channel A/V receiver with HDMI 1.4a with 3-D, audio/video processing and upscaling to 1080p

With many of today's most-wanted technologies, including Faroudja DCDi Cinema processing and EzSet/EQ equalization, the AVR 360 stands out by making many special features automatic. With Dolby Volume automatically adjusting incoming audio streams and technology that brings out the best in your compressed MP3 tracks, the AVR 360 has more than a few impressive tricks to show you.





AVR 260

7 x 50W 7.1-channel A/V receiver with HDMI repeater, audio/video processing and upscaling to 1080p

With the AVR 260, you'll immediately benefit from a slew of advanced surround-sound technologies — including Dolby TrueHD, DTS-HD Master Audio™ and Logic 7 processing — to ensure optimal entertainment experiences from virtually any source material. You will even add years of enjoyment to your existing DVD library, as the AVR 260 lets you upscale incoming video signals to the full 1080p HD standard.



AVR 160

7 x 35W 7.1-channel A/V receiver with HDMI repeater

It may have fewer watts than the AVR 260, but the AVR 160 performs just as capably as its big brother. With high-bandwidth digital/analogue converters and Dolby TrueHD and DTS-HD Master Audio decoding bringing out the full audio impact of Blu-ray Disc technology, one thing's for certain: The AVR 160 aims to please as it keeps you immersed in sound faithful to its source.



THE BRIDGE III & THE BRIDGE II

Docking stations for iPhone or iPod

The more music and video you keep on your iPod or iPhone device, the more times you need to hit the 'play' button. Thanks to The Bridge docking station, you can now gain the ultimate flexibility when it comes to bridging audio and video content straight from your 'i' device into your harman kardon entertainment system. Simply put your iPod/iPhone device on The Bridge dock and establish a seamless connection with your harman kardon AV receiver or integrated system. Then just look and listen: That's the sound of you with more control over your entertainment than ever before.



Made for
iPod iPhone

Made for
iPod

BLU-RAY DISC PLAYERS



BDP 10

Blu-ray Disc player with BD-Live™ capability

If you're looking for high-definition video from any source, look no further than the BDP 10. As one of the most advanced media players we've ever built, the BDP 10 has more than a few technical tricks to perform. Other than being an exceptional Blu-ray Disc player that can upscale your existing DVD library, the BDP 10 grants you entry into a world of interactive content with BD-Live™ capability, an exciting feature of next-generation Blu-ray Disc technology.



BDT 20

Blu-ray Disc player with BD-Live capability

Not only does this stellar Blu-ray Disc player dish out crisp, high-definition video, but it also integrates BD-Live interactivity, letting you create your own programming with MP3, WMA and JPEG playback from the front-panel USB port. As the newest player in the harman kardon lineup, the BDT 20 can turn any room in the house into a majestic home theatre.



HIGH-PERFORMANCE MUSIC SYSTEMS



MAS 101

2 x 65W 2-channel integrated FM/CD music system with
The Bridge III docking station for your iPod or iPhone device

As a high-performance music system, the MAS 101 has all the same features of its older sibling, the MAS 100. What it also has is The Bridge III docking station (included) – which works with your iPod or iPhone to play your music in a way it's never been heard. All while charging your device.

MAS 111

2 x 65W 2-channel integrated FM/CD music system with a DAB+ tuner
and The Bridge III docking station for your iPod or iPhone device

When harman kardon engineers developed the world's first stereo receiver over 50 years ago, they probably never saw this one coming. With both a DAB+ (digital audio broadcasting plus) tuner and The Bridge III docking station included, the MAS 111 is the ultimate companion for 21st-century music lovers.



MAS 100

2 x 65W 2-channel integrated FM/CD music system

As a high-performance, all-in-one music system, the MAS 100 speaks volumes in the realm of innovation. With drift-free tuners, slot-loaded disc players, and front and rear USB ports all packed into one single system, the MAS 100 delivers best-in-class audio that performs clean and powerful at all volume levels.

MAS 110

2 x 65W 2-channel integrated FM/CD music system with a DAB+ tuner

Like the MAS 100, the MAS 110 delivers best-in-class audio while bringing together an abundance of high-quality music components – in a single system. Where it differentiates itself slightly is by also integrating a DAB+ (digital audio broadcasting plus) tuner for interference-free digital radio – an elegant alternative to FM band.





'The careful attention to detail and interplay between the purity of materials visually communicate a notion of crystal-clear, articulate sound. Techniques of handcraftsmanship align with premium sound.'

— Kurt Solland, Vice President of Industrial Design

ATTENTION TO DETAIL

INTELLIGENT DESIGN

How do you make sound look good? That's a question harman kardon engineers have been contemplating since the company's very beginnings. For almost 60 years, the harman kardon brand has long exemplified the successful convergence between style and substance; form and function; cutting-edge sound and industry-leading design.

But even as harman kardon design principles have remained constant to this day, times have changed considerably. Now more than ever, people want electronics that are compatible with their lives. With the emergence of flat-panel TVs changing the look of the modern-day living room, gone are the days when massive entertainment centres were needed to house (or even

hide) bulky audio equipment. Expectations have changed – and people want products that look good, not something that overwhelms the room. Fortunately, harman kardon products were elegant long before elegance was required. Appealing to more than just your ears, harman kardon products are streamlined, sleek, modern and simpler to use than ever before. As a testament to the brand, we are dedicated to the pursuit of cultural relevance throughout the world. That's why we're pleased that our famous SoundSticks® are part of the permanent exhibition at New York's Museum of Modern Art. And why over the years, we've humbly received lots of impressive design awards. It's just our commitment to our craft.

AUDIOPHILES, TAKE NOTICE

photography by Mattias Edwall



STEREO RECEIVERS/COMPONENTS

From the beginning, harman kardon stereo receivers have led the way, offering an array of superb-sounding musical components engineered with the purist in mind. Take advantage of this full line of forward-thinking technology and take life to the next decibel – starting now.





STEREO RECEIVERS

HK 3490

2 x 120W stereo receiver



The HK 3490's lineup of impressive features reads like a list of audiophile must-haves – including a high-performance phono preamp, preout/main-in jacks and high-current amplification. It even has an array of multichannel extras. But perhaps it's this stereo receiver's versatility that demands the most applause. That is, when you add The Bridge II docking station, the HK 3490 connects as elegantly to your iPod device as it does to your time-honored turntable.

HK 3390

2 x 80W stereo receiver



The HK 3390 was born to make beautiful music and, like all specialists, is great at what it does. Whether it's reproducing an original music performance from vinyl or from your MP3 player, the HK 3390 is masterful at capturing every bit of musical subtlety. Featuring high-current, ultrawide-bandwidth amplification – a signature harman kardon technology – this specialist even lets you change pace from time to time with convenient front-panel inputs designed for video games and portable audio players.



HK 990

2 x 150W 2.2-channel stereo integrated amplifier

Think of it as your powerful friend with the commanding baritone voice – who's unafraid to carry even the most demanding of loudspeaker loads. As the flagship amplifier in the harman kardon lineup, the award-winning HK 990 is the most muscular amplifier ever to carry the harman kardon name. Extending far beyond watts and amps, its awesome power is nevertheless also highly refined. We could list all of its irresistible features here, but we worry there's not enough space on this page.





COMPLETE YOUR COLLECTION



HK 980

2 x 80W stereo integrated amplifier

The HK 980 delivers effortlessly when it comes to superlative two-channel music reproduction. Combine its elegant look with its high-current, ultrawide-bandwidth design, and you get a skillful performer that achieves lively, dynamic sound – no matter what loudspeaker you pair it up with.



HD 990

CD player with RLS III

With two high-performance stereo digital-to-analogue converters that deliver third-generation Real-Time Linear Smoothing (RLS III), the HD 990 creates spacious, richly detailed sound that other CD players simply cannot duplicate. Trust us, you've never heard anything like it.



HD 980

CD player

When it comes to sound fidelity, the HD 980 is engineered to deliver the truth, the whole truth and nothing but the truth. Thanks to the HD 980's features, such as superb signal-to-noise specs – which mirror those of the mixing consoles where your CDs were originally recorded – you can expect nothing less than musical purity at its finest.



TU 980

Dual-band DAB/FM/AM tuner

Do people listen to the radio anymore? The answer is yes, they do – if they have the TU 980. Combining the distortion-free, CD-like sound of digital audio broadcasting (DAB) with information-rich RDS (radio data system) FM, the TU 980 enables radio stations to sound sharp, crisp and like something your discerning ears would want to listen to.

THE SOUND OF ESCAPISM

photography by Michael Boland





harman/kardon

HOME THEATRE SPEAKER SYSTEMS

There is no substitute for performance – ever. And especially not when it comes to your home theatre speaker system. Build the home theatre you’ve always dreamed of and recreate the heightened realism of Hollywood by surrounding yourself with an impressive slate of harman kardon listening solutions. Read on and listen to how brilliant your options sound, from the large and luminous to the small yet powerful.



HKTS 60

5.1-channel home theatre speaker system

Turn any film performance into a commanding one with this powerful 5.1-channel solution. With its dual flat-panel midrange drivers in the satellite and centre speakers, flat baffle and CMMD® Lite tweeter in a waveguide, the HKTS 60 does wonders to reduce distortions and unwanted reflections. It's also got a 200-watt powered subwoofer producing some seriously deep bass, which lands you right in the heart of your favourite action movie. In addition, the HKTS 60 won't take over your space – since it's unobtrusive enough to fit just about anywhere in your audio kingdom.





HKTS 30

5.1-channel home theatre speaker system

Big enough for the largest of home theatres, yet with speakers compact enough to fit just about anywhere, the HKTS 30 creates ultra-faithful sound reproduction thanks to its 5.1-channel solution with dual midrange drivers in all satellites. And with a powerful 200-watt subwoofer, it will even drown out unwanted interruptions to keep film fans focused on the screening at hand.



HKTS 30SAT

Surround speakers

If 5.1 channels just aren't enough surround sound for you, the HKTS 30 SAT offers you another pair of surround loudspeakers. Gain added firepower as you realize the 7.1-channel potential of your speaker system while uncovering a new dimension in audio performance.



HKTS 20

5.1-channel home theatre speaker system

If you're going to watch Hollywood fare at home, you'll want to make the experience well worth your while. That's why the HKTS 20 mandate is to stay faithful to the source – always. With a dual-driver centre-channel speaker producing the most distinct of dialogue and four powerful yet compact satellites working with a 200-watt subwoofer to lure you into the action, the HKTS 20 is more than an exciting addition to your household – it's a cinephile's dream.



HKTS200SUB

200-watt powered, sealed subwoofer with 200mm driver

The HKTS200SUB delivers 200 watts of powerful, heart-stopping bass that significantly increases the “wow” factor. By having a down-firing bass driver that interacts with your floor instead of your walls, this subwoofer knows no limits – as it generates serious bass punch for whatever entertainment you're taking in.



HKTS 16
5.1-channel home theatre speaker system

Every successful Hollywood story involves having the right connections. With its powerful 200-watt subwoofer and four faithful satellite speakers making this home theatre system stand a bit taller than the competition, the HKTS 16 has every connection necessary to deliver high-impact bass and every crash, bang and boom your TV show or film soundtrack has to offer.



HKTS 9
5.1-channel home theatre speaker system

The HKTS 9 may look small, but don't let that deceive you – it's got a powerful speaking voice. With an impressive 200-watt subwoofer generating high-impact bass and satellite speakers creating vividly realistic surround sound, the HKTS 9 has everything you need to bring the cinema experience right to your living room.



HKS 4
Surround speakers

Don't worry, it's safe, you can look behind you. There's nothing back there but your HKS 4 speakers, adding ultra-realistic back-channel surround sound to HKTS 9 or HKTS 16 systems. And even though the HKS may leap out and surprise you at times, we're certain you'll learn to love it.



HTFS 2
Floor stands

The ideal speaker height for seated listeners – that's what the HTFS 2 stands for. With these aluminium floor stands, you'll also get a cable-management system that keeps speaker wires exactly where you want them – out of sight. These HTFS 2 stands are for HKTS 16, HKTS 9 and HKS 4.



HTFS 3
Floor stands

As a great fit for any room, the HTFS 3 floor stands put superior sound at ear level. Designed to position any HKTS satellite at the ideal height for seated listeners, these aluminium floor stands continue to stand head and shoulders above the rest. These HTFS 3 stands are for HKTS 60, HKTS 30, HKTS 20 and HKTS 30SAT.

SOUNDBAR SYSTEMS



SB 16

2.1-channel home theatre soundbar speaker system

The SB 16 soundbar is an elegant and simple alternative to complex home theatre speaker systems. As a single amplified loudspeaker with a wireless subwoofer, the SB 16 can fit virtually anywhere while connecting directly to your TV, DVD player or game console. It can even be controlled by your TV remote. And with stereo playback and realistic 3-D surround-sound processing, not only is this system out of sight, but with minimal connections going in or out, the wires are too.



SB 10

3.1-channel passive home theatre soundbar speaker system containing three front-channel speakers and a 200-watt powered subwoofer

Whether it's resting on a table or mounted on the wall below your flat-screen TV, the SB 10's custom-built soundbar and powerful subwoofer work skillfully as a team. Add an A/V receiver's virtual-sound mode – or even another pair of satellite speakers to gain a more in-depth 5.1-channel surround-sound environment – and the SB 10 will transform any ordinary TV-viewing experience into an extraordinary one.



'harman kardon knows that new isn't always good, and old isn't always bad. Our design philosophy has always been to adopt new technologies, such as Dolby Volume and high-definition video processing, to enhance the total entertainment experience for both sound and vision. At the same time, we continue to use and update time-tested technologies, such as RLS processing and our high-current and ultrawide bandwidth amplifier designs. Some might call this "a mix of the best of the old and the best of the new". We simply call it harman kardon.'

— Michael Heiss, Global Product Line Manager: Home Electronics Components

harman/kardon

harman/kardon

TOTAL ENTERTAINMENT EXPERIENCE

UNDER THE HOOD

The harman kardon brand has a history of innovation – becoming the ‘first’ in many areas in the realm of home audio technology. Yet now more than ever, we are engineering products that lead the field in terms of quality, while others work hard to follow.

Designing sleek, modern exteriors that eliminate buttons, knobs and other unnecessary appendages wherever possible, harman kardon engineers keep ‘ease of use’ at the forefront of their design philosophy. By automating many of the functions that competitors often leave for consumers to figure out, harman kardon systems simplify things while yielding sophisticated,

spectacular-sounding results. And as a result, many of them are heavier than other systems – because under the hood, they’re packed with powerful technology such as high-current amplifiers, powerful subwoofers and logical inputs, which intuitively match source to setting, depending on what media you’re pairing up.

Maximum possibilities with minimal complexity. That’s what we strive for. After all, technology leaders must lead by example – and in that regard, our trend-setting products have excelled for almost six decades.

AT YOUR FINGERTIPS
photography by Lars Hansen





PERSONAL/COMPUTER SOLUTIONS

Thanks to the proliferation of MP3 players, smart phones and high-speed connections, our multimedia lives keep getting richer by the day. That's why harman kardon engineers have strategically teamed up with notable computer manufacturers to lead the way in the design and supply of high-quality loudspeakers – to ensure the richest multimedia experience possible. And though you won't see us using a loudspeaker to boast of the awards we've won, we welcome you to stop by your local retailer to put one of our praiseworthy products right at your fingertips.

MS 100

High-performance audio system

High-fidelity sound that's easy to use and in a handsome package. That's been one of the harman kardon promises to customers since day one. With a CD player, FM tuner, iPod and iPhone dock, integrated loudspeakers and auxiliary inputs that sync up with other audio systems, the MS 100 continues to deliver on the harman kardon promise of excellence – working wonders for your home, office or wherever you see fit.



GLA-55

High-performance desktop speaker system

As the quintessential 'audio jewellery', the GLA-55 is a sophisticated desktop sound system designed to work seamlessly with your computer, iPod or other audio device. By merging art and science so beautifully, the GLA-55 redefines audio luxury, getting all the important stuff right. From the powerful bass of its Atlas™ woofers to the crystal-clear sounds of its aluminium tweeter, the GLA-55 achieves astonishingly high sonic quality. And although they may not fit on your finger or around your neck like other jewels, the GLA-55's speakers will surely look good anywhere you put them.

SOUNDSTICKS® III

2.1-channel multimedia sound system

How many speakers can boast that their design is part of the permanent collection at New York City's Museum of Modern Art? This one can. With an awesome 15cm, 20-watt powered subwoofer and eight full-range transducers, the SoundSticks® III is a piece of design history. And with a new design aesthetic that's sure to have you glowing, the SoundSticks III brings a new level of excitement to your music, games and movies – and looks great while doing it.



HARMAN KARDON GO+PLAY™ II

High-performance portable loudspeaker dock for iPod and iPhone devices

This is the loudspeaker dock only harman kardon engineers could build. With its understated but functional industrial design, unsurpassed performance and superb ease of use, the harman kardon Go + Play™ II is a feat of the imagination. Designed to go where you (and your iPhone) go, the harman kardon Go + Play II makes music sound a lot better during your journey and at your destination. It'll even charge your iPod/iPhone device when connected to an AC power supply, or (via USB cable) to a computer running iTunes. Once you grab a hold of this beauty, you'll never want to let go.



Made for
iPod iPhone



HARMAN KARDON GO+PLAY MICRO

High-performance portable loudspeaker dock for iPod and iPhone devices

With the harman kardon Go + Play Micro, you arrive in style – no matter where you go. With its arched, stainless-steel handle, clear sound and sheer ability to bring the best out of your iPod, iPhone or other music player, the harman kardon Go + Play Micro lets you enjoy music at the pool, on the beach or wherever you take it. It even syncs up with your iTunes library and sends photos or video to the nearest flat-screen TV. Just think of it as your own personal multimedia entertainment centre.



Made for
iPod iPhone

CUSTOM SETTINGS

photograph by Adrian Houston



MULTIROOM SOLUTIONS

Whether you're hosting a cocktail party or soaking in the tub, it's never been easier to set a different musical mood in every room of your house. Simply pair up a harman kardon multiroom expansion hub with a harman kardon 7.1-channel AVR receiver to spread audio across every floorboard. This way, you'll appease even the most discerning of music fans – no matter what zone of the house they're in.



ABH 4000

Four-zone/eight-room A-BUS® expansion hub

One-room systems are ideal for one-room apartments. With the ABH 4000, you'll get a system that lets you spread out – without the music ever fading out. As a multitasking music hub, the ABH 4000 works with your harman/kardon AVR to divide your house adeptly into four separate entertainment zones so you can cleverly match vibes to venues. Add in your iPod or iPhone device using The Bridge II or The Bridge III docking station, and you'll gain the added capability of playing your favourite music at home.





AB 2

Amplified in-wall module with onboard controls for A-BUS applications

If you like to stay in control, the AB 2 is your choice. It connects to any AVR or ABH expansion hub equipped with an A-BUS system – and can even power your local speakers without an additional amplifier. Select your listening sources as you enter a room – and turn off the system as you depart. It's that simple.



HE 1000

External infrared remote sensor

Manage your music selections from anywhere in the house, using one or more HE 1000 infrared (IR) remote sensors. From a couch cushion or a chaise lounge, simply point and click your remote toward the sensor. Whether it's in a cabinet or behind a door, you will instantly save yourself a trip to the AVR control panel.



Dimmer

Memory

Select



PRODUCT SPECIFICATIONS

Volume



SPECIFICATIONS

Model	BDS 800	BDS 700	BDS 600	BDS 400	BDS 300
Description	5.1-channel integrated home theatre system	5.1-channel integrated home theatre system	3.1-channel integrated home theatre system	2.1-channel integrated home theatre system	2.1-channel integrated home theatre system
BDS SYSTEM RECEIVER					
Audio Features					
Channel configuration	5.1	5.1	3.1	2.1	2.1
Continuous average power (stereo)	65W x 2	65W x 2	65W x 3	65W x 2	65W x 2
Multichannel power	65W per channel	65W per channel	65W per channel	—	—
Amplifier type	Digital	Digital	Digital	Digital	Digital
THD @ impedance	0.1% @ 6 ohms	0.1% @ 6 ohms	0.1% @ 6 ohms	0.1% @ 6 ohms	0.1% @ 6 ohms
Signal-to-noise ratio (IHF-A)	−90dB	−90dB	−90dB	−90dB	−90dB
Audio modes	Original*, Dolby Virtual Stereo, Dolby PLII, Stereo	Original*, Dolby Virtual Stereo, Dolby PLII, Stereo	Original*, Dolby Virtual Stereo, Dolby PLII, Stereo	Dolby Virtual Stereo, Stereo	Dolby Virtual Stereo, Stereo
Headphone modes	Harman Headphone, Stereo	Harman Headphone, Stereo	Harman Headphone, Stereo	Harman Headphone, Stereo	Harman Headphone, Stereo
Lip sync delay (for analogue inputs)	Yes	Yes	Yes	Yes	Yes
Connection Features					
Analogue audio inputs	2	2	2	2	2
Digital audio inputs (coaxial/optical)	1/2	1/2	1/2	1/2	1/2
HDMI output	1.3a with 30/36-bit Deep Color	1.3a with 30/36-bit Deep Color	1.3a with 30/36-bit Deep Color	1.3a with 30/36-bit Deep Color	1.3a with 30/36-bit Deep Color
Ethernet port	Yes	Yes	Yes	Yes	Yes
Front-panel USB port	Yes	Yes	Yes	Yes	Yes
The Bridge IIIP connection	Yes	Yes	Yes	Yes	Yes
Headphone connection	3.5mm	3.5mm	3.5mm	3.5mm	3.5mm
Speaker connectors	Heavy-duty, gold-plated	Heavy-duty, gold-plated	Heavy-duty, gold-plated	Heavy-duty, gold-plated	Heavy-duty, gold-plated
Disc Player Features					
Supported disc sizes	5" (12cm), 3" (8cm)	5" (12cm), 3" (8cm)	5" (12cm), 3" (8cm)	5" (12cm), 3" (8cm)	5" (12cm), 3" (8cm)
Supported disc formats	BD-Video, DVD-Video, DVD+R/+RW, DVD-R/-RW, CDDA, CD-R/RW	BD-Video, DVD-Video, DVD+R/+RW, DVD-R/-RW, CDDA, CD-R/RW	BD-Video, DVD-Video, DVD+R/+RW, DVD-R/-RW, CDDA, CD-R/RW	BD-Video, DVD-Video, DVD+R/+RW, DVD-R/-RW, CDDA, CD-R/RW	BD-Video, DVD-Video, DVD+R/+RW, DVD-R/-RW, CDDA, CD-R/RW
Supported original audio formats	Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS Digital, DTS-HD™ High Resolution Audio, DTS-HD Master Audio	Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS Digital, DTS-HD High Resolution Audio, DTS-HD Master Audio	Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS Digital, DTS-HD High Resolution Audio, DTS-HD Master Audio	Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS Digital, DTS-HD High Resolution Audio, DTS-HD Master Audio	Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS Digital, DTS-HD High Resolution Audio, DTS-HD Master Audio
Plays MP3 and WMA files	Yes	Yes	Yes	Yes	Yes
Still-image format	JPEG	JPEG	JPEG	JPEG	JPEG
Frequency response	20Hz – 20kHz ±0.5dB	20Hz – 20kHz ±0.5dB	20Hz – 20kHz ±0.5dB	20Hz – 20kHz ±0.5dB	20Hz – 20kHz ±0.5dB
Signal-to-noise ratio	−90dB (A-weighted)	−90dB (A-weighted)	−90dB (A-weighted)	−90dB (A-weighted)	−90dB (A-weighted)
Dynamic range (16-bit)	90dB	90dB	90dB	90dB	90dB
General Features					
Remote control type	Pre-programmed/learning	Pre-programmed/learning	Pre-programmed/learning	Pre-programmed/learning	Pre-programmed/learning
On-screen menu w/screen saver	Yes	Yes	Yes	Yes	Yes
Information display	Dot matrix	Dot matrix	Dot matrix	Dot matrix	Dot matrix
Playlist function	Yes	Yes	Yes	Yes	Yes
Detachable IEC power cord	Yes	Yes	Yes	Yes	Yes
Upgradable firmware	Yes	Yes	Yes	Yes	Yes
Dimensions (H x W x D)	102mm x 401mm x 260mm	102mm x 401mm x 260mm	102mm x 401mm x 260mm	102mm x 401mm x 260mm	102mm x 401mm x 260mm
Weight	6.5kg	6.5kg	6.5kg	6.4kg	6.4kg

* See "Supported original audio formats" in Disc Player Features.

BDS SYSTEM SPEAKERS	BDS 800	BDS 700	BDS 600	BDS 400	BDS 300
Satellite-Speaker Features					
Low-frequency transducer	2 x 75mm flat-panel	75mm cone	—	2 x 75mm flat-panel	2 x 75mm cones
High-frequency transducer	19mm CMMD® Lite dome	19mm dome	—	19mm CMMD Lite dome	13mm dome
Recommended power	20 – 150 watts	10 – 80 watts	—	20 – 150 watts	10 – 120 watts
Sensitivity (2.83V/1m)	83dB	86dB	—	83dB	86dB
Impedance	8 ohms	8 ohms	—	8 ohms	8 ohms
Dimensions (H x W x D)	299mm x 110mm x 88mm	167mm x 100mm x 92mm	—	299mm x 110mm x 88mm	243mm x 100mm x 92mm
Weight	1.5kg	0.6kg	—	1.5kg	1.0kg
Centre-Speaker Features					
Low-frequency transducer	2 x 75mm flat-panel	2 x 75mm cones	—	—	—
High-frequency transducer	19mm CMMD® Lite dome	13mm dome	—	—	—
Recommended power	20 – 150 watts	10 – 120 watts	—	—	—
Impedance	8 ohms	8 ohms	—	—	—
Sensitivity (2.83V/1m)	83dB	86dB	—	—	—
Dimensions (H x W x D)	110mm x 272mm x 88mm	100mm x 243mm x 92mm	—	—	—
Weight	1.5kg	1.0kg	—	—	—
Soundbar Features					
Low-frequency transducers					
Left	—	—	75mm cone	—	—
Right	—	—	75mm cone	—	—
Centre	—	—	2 x 75mm cones	—	—
High-frequency transducers					
Left	—	—	19mm silk dome	—	—
Right	—	—	19mm silk dome	—	—
Centre	—	—	19mm silk dome	—	—
Recommended power					
Left and right	—	—	60 watts (each)	—	—
Centre	—	—	100 watts	—	—
Impedance	—	—	8 ohms (each channel)	—	—
Sensitivity (2.83V/1m)	—	—	84dB (each channel)	—	—
Dimensions (H x W x D)	—	—	110mm x 920mm x 89mm	—	—
Weight	—	—	3.67kg	—	—
Subwoofer Features					
Low-frequency transducer	200mm down-firing cone	200mm down-firing cone	200mm down-firing cone	200mm down-firing cone	200mm down-firing cone
Amplifier power	200 watts	200 watts	200 watts	200 watts	200 watts
Frequency response	45Hz – 200Hz (−6dB)	45Hz – 200Hz (−6dB)	45Hz – 200Hz (−6dB)	45Hz – 200Hz (−6dB)	45Hz – 200Hz (−6dB)
Controls	Volume, phase, bass boost	Volume, phase, bass boost	Volume, phase, bass boost	Volume, phase, bass boost	Volume, phase, bass boost
Auto turn-on and turn-off	Yes	Yes	Yes	Yes	Yes
Power consumption	<1W (standby); 200W (max)	<1W (standby); 200W (max)	<1W (standby); 200W (max)	<1W (standby); 200W (max)	<1W (standby); 200W (max)
Dimensions (H x W x D)	353mm x 267mm x 267mm	353mm x 267mm x 267mm	353mm x 267mm x 267mm	353mm x 267mm x 267mm	353mm x 267mm x 267mm
Weight	9kg	9kg	9kg	9kg	9kg

SPECIFICATIONS

Model	BDS 5	BDS 2
Description	5.1-channel Blu-ray Disc receiver	2.1-channel Blu-ray Disc receiver
Multichannel power	65W x 5	65W x 2
Surround formats	Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS Digital, DTS-HD High Resolution Audio, DTS-HD Master Audio	Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS Digital, DTS-HD High Resolution Audio, DTS-HD Master Audio
Disc player	Progressive-scan BD/DVD/CD drive	Progressive-scan BD/DVD/CD drive
Analogue-audio inputs	2	2
Digital-audio inputs (coax/optical)	1/2	1/2
USB input (front)	1	1
DMP The Bridge input	Yes (The Bridge III optional)	Yes (The Bridge III optional)
Ethernet input	For BD-Live content via the Internet	For BD-Live content via the Internet
Video outputs	HDMI	HDMI
Upscaling	Yes, 1080p	Yes, 1080p
Video formats	BD-Video (single-layer or double-layer), DVD-Video, DVD+R/+RW, DVD-R/-RW, AVCHD discs	BD-Video (single-layer or double-layer), DVD-Video, DVD+R/+RW, DVD-R/-RW, AVCHD discs
Audio formats	CDDA (CD digital audio), CD-R/-RW	CDDA (CD digital audio), CD-R/-RW
Compressed-audio bit rates	PCM, WMA ¹ (DRM-free version only): WMA9, CBR @ 192kbps, VBR @ 355kbps, MP3: 32kbps – 320kbps bitrates, including variable bitrate encoding	PCM, WMA ¹ (DRM-free version only): WMA9, CBR @ 192kbps, VBR @ 355kbps, MP3: 32kbps – 320kbps bitrates, including variable bitrate encoding
Still-image formats	JPEG	JPEG
JPEG resolution	5 megapixels, 5MB file size	5 megapixels, 5MB file size
Tuner	FM RDS, 30 presets	FM RDS, 30 presets
Fast play	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
Random play	Yes, within CD	Yes, within CD
Repeat play	1 track, 1 disc	1 track, 1 disc
On-screen display	High-resolution, full-color and multi-language	High-resolution, full-color and multi-language
Detachable IEC power cord	Yes	Yes
Speaker terminals	Color-coded binding posts	Color-coded binding posts
Dimensions (H x W x D)	100m x 400mm x 280mm	100m x 400mm x 280mm
Weight (excluding speaker system)	4.6kg	4.3kg
Remote	Programmable system remote control	Programmable system remote control

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

Model	HS 280	HS 210
Description	2.1-channel integrated home theatre system	2.1-channel integrated home theatre system
Multichannel power	65W x 2	65W x 2
Speaker system	HKTS 200	HKTS 2mkl
Surround formats	Dolby Virtual Speaker	Dolby Virtual Speaker
DVD player	Progressive scan	Progressive scan
External audio connection	Line in/out	Line in/out
Digital-audio inputs (coax/optical)	2/2	2/2
USB input (side/rear)	1/1	1/1
Video outputs	HDMI, composite, S-Video, SCART	HDMI, composite, S-Video, SCART
Video formats	DVD, DVD-R/-RW, DVD+R/+RW, VCD, SVCD	DVD, DVD-R/-RW, DVD+R/+RW, VCD, SVCD
Audio formats	CD, CD-R/-RW, MP3, WMA ¹ MP3: 32kbps – 320kbps WMA: 16kbps – 192kbps	CD, CD-R/-RW, MP3, WMA ¹ MP3: 32kbps – 320kbps WMA: 16kbps – 192kbps
Compressed-audio bit rates	WMA: 16kbps – 192kbps	WMA: 16kbps – 192kbps
Ethernet input	Yes	Yes
Playback from networked sources (MP3, WMA, JPEG, MP4, AVI)	Yes	Yes
The Bridge input	No	No
EzSet® capability	No	No
Still-image formats	JPEG	JPEG
JPEG resolution	5 megapixels, 5MB file size	5 megapixels, 5MB file size
Still-image rotation	90-degree increments	90-degree increments
Upscaling	720p and 1080p	720p and 1080p
Tuner	FM RDS, 30 presets	FM RDS, 30 presets
Test screen	No	No
Fast play	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
Random play	Yes, within CD	Yes, within CD
Repeat play	1 track, 1 disc, A/B ²	2 track, 1 disc, A/B ²
Remote	System remote, learning-capable	System remote, learning-capable
Dimensions (H x W x D)	80mm x 350mm x 325mm	80mm x 350mm x 325mm
Weight (excluding speaker system)	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.

Model	AVR 760	AVR 660	AVR 460	AVR 360	AVR 260	AVR 160
Description	7.2-channel AVR	7.1-channel AVR	7.1-channel AVR	7.1-channel AVR	7.1-channel AVR	7.1-channel AVR
Stereo power (FTC)	100W x 2	90W x 2	80W x 2	65W x 2	65W x 2	40W x 2
Multichannel power (FTC)	85W x 7*	75W x 7*	60W x 7*	55W x 7*	50W x 7*	35W x 7*
Amplifier type	High-current ±60 amps	High-current ±50 amps	High-current ±35 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	0.07% @ 8 ohms
Bandwidth @ 1W (+0dB/–3dB)	10Hz – 130kHz	10Hz – 130kHz	10Hz – 130kHz	10Hz – 130kHz	10Hz – 130kHz	10Hz – 130kHz
Signal-to-noise ratio (IHF-A)	100dB	100dB	100dB	100dB	100dB	100dB
Power supply	Independent front & rear	Independent front & rear	Independent front & rear	Independent front & rear	Independent front & rear	Independent front & rear
Dolby Digital Plus/Dolby TrueHD	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Dolby Digital	Dolby Digital EX	Dolby Digital EX	Dolby Digital EX	Dolby Digital EX	Dolby Digital EX	Dolby Digital EX
Dolby Pro Logic® II	Pro Logic IIx	Pro Logic IIx	Pro Logic IIx	Pro Logic IIx	Pro Logic IIx	Pro Logic IIx
Dolby Volume	Yes	Yes	Yes	Yes	No	No
Virtual speaker	Yes	Yes	Harman virtual speaker	Harman virtual speaker	Dolby Virtual Speaker	Harman virtual speaker
DTS-HD/DTS-HD Master Audio	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
DTS 5.1	Yes	Yes	Yes	Yes	Yes	Yes
DTS-ES® 6.1 Discrete & Matrix	Yes	Yes	Yes	Yes	Yes	Yes
DTS 96/24™/DTS Neo:6®	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Logic 7 processing	Yes	Yes	Yes	Yes	Yes	Yes
Headphone modes	2-channel Dolby HP	2-channel Dolby HP	2-channel Harman HP	2-channel Harman HP	2-channel Dolby HP	2-channel Harman HP
Multizone capability	Audio/video, with remote	Audio, with remote	Audio, with remote	Audio	Audio	No
Assignable rear-channel amplifiers	Yes	Yes	Yes	Yes	Yes	No
A-BUS/READY™	Yes	Yes	Yes	No	No	No
EzSet capability	EzSet/EQ II	EzSet/EQ	EzSet/EQ	EzSet/EQ	EzSet/EQ	EzSet/EQ
S-Video/composite-video inputs	4/4	4/4	0/4	0/4	4/4	0/4
Analogue-audio inputs	6	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	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 1/1	Rear panel 1/0
USB port ¹	Yes	Yes	For software update	For software update	No	For software update
Ethernet input	Yes	Yes	No	No	No	No
Direct audio inputs	7.1 with bass management	7.1	7.1	7.1	7.1	7.1
iPod connectivity	The Bridge II	The Bridge II	The Bridge III	The Bridge III	Aux input	Aux input
HDMI inputs/output	4/1	4/1	4/1	4/1	3/1	3/1
HDMI type	1.4a with 3-D support	1.4a with 3-D support	1.4a with 3-D support	1.4a with 3-D support	1.3a	1.3a switching
Preamp outputs	7.2 channels	7.1 channels	7.1 channels	Subwoofer	Subwoofer	Subwoofer
Component-video inputs (assignable)	3 @ 100MHz	3 @ 100MHz	3 @ 50MHz	3 @ 50MHz	3 @ 50MHz	2 @ 50MHz
Bass management	Quad crossover	Quad crossover	Quad crossover	Quad crossover	Quad crossover	Quad 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, on HDMI and component	Yes
DSP processor	Dual TI™ DA 710	Cirrus® CS 49700	Cirrus CS 49700	Cirrus CS 49700	Cirrus CS 49700	Cirrus CS 49700
Output DACs	192kHz/24-bit	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	Faroudja DCDi Cinema scaling to 1080p	No
High-resolution GUI	Yes	Yes	Yes	Yes	Yes	No
A/V sync delay per input	200mS	200mS	180mS	180mS	180mS	80mS
Detachable IEC power cord	Yes	Yes	Yes	No	No	No
System remote	8-device, backlit, learning & preprogrammed	8-device, backlit, learning & preprogrammed	8-device, learning & preprogrammed	7-device, preprogrammed	7-device, preprogrammed	6-device, preprogrammed
IR-in/out jacks	Yes	Yes	Yes	Yes	Yes	Yes
IR carrier output	Yes	Yes	Yes	No	No	No
Low-voltage trigger jacks	2	2	No	No	No	No
External data port	USB and RS-232	USB and RS-232	No	No	RS-232	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	Color-coded binding posts
Dimensions (H x W x D)	165mm x 440mm x 426mm	165mm x 440mm x 426mm	165mm x 440mm x 382mm	165mm x 440mm x 382mm	165mm x 440mm x 382mm	165mm x 440mm x 382mm
Weight	23.6kg	18.6kg	14.4kg	14.0kg	14.0kg	9.1kg

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.

SPECIFICATIONS

Model	The Bridge II	The Bridge III
Description	Docking station for iPod	Docking station for iPod/iPhone
iPod requirements	iPod with docking connector	iPod with docking connector
iPod compatibility	Compatible with most docking iPod models, 4G and later	Compatible with most docking iPod models, 4G and later
Receiver requirements	harman kardon AVR with The Bridge or The Bridge II connector; includes AVR x40, AVR x45, AVR x47, AVR x55, AVR 660, AVR 760	harman kardon AVR 360, AVR 460, MAS 101, MAS 111
Dimensions (H x W x D)	30mm x 114mm x 114mm	30mm x 114mm x 114mm
Weight	167g	167g

Model	BDP 10	BDT 20
Description	Blu-ray Disc player	Blu-ray Disc player
Video formats	BD-Video, DVD, DVD-R/-RW, DVD+R/+RW, CD, CD-R/-RW, MP3	BD-Video, DVD, DVD-R/-RW, DVD+R/+RW, CD, CD-R/-RW, MP3
Audio formats	Dolby TrueHD, Dolby Digital Plus, Dolby Digital, DTS-HD Master Audio, LPCM, MPEG-1 and 2, MP3, Windows Media® 9	Dolby TrueHD, Dolby Digital Plus, Dolby Digital, DTS-HD Master Audio, LPCM, MPEG-1 and 2, MP3, Windows Media 9
HDMI output	HDMI 1.3a with x.v. Color™, Dolby TrueHD, DTS-HD Master Audio and PCM up to 7.1 channels	HDMI 1.3a with x.v. Color, Dolby TrueHD, DTS-HD Master Audio and PCM up to 7.1 channels
Still-image formats	JPEG	JPEG
USB capability	Read, front panel	Read, front panel
Audio DACs	192kHz/24-bit	192kHz/24-bit
Video DACs	Up to 148.25MHz, depending on disc and output resolution	Up to 148.25MHz, depending on disc and output resolution
Video output	480i, 480p, 576i, 576p, 720p, 1080i, 1080/24,50,60p	480i, 480p, 576i, 576p, 720p, 1080i, 1080/24,50,60p
Screen saver	Yes	Yes
Compressed-audio bit rates	MP3: 32kbps – 320kbps; WMA: 64kbps – 320kbps	MP3: 32kbps – 320kbps; WMA: 64kbps – 320kbps
JPEG resolution	Up to 10 megapixels; maximum file size: 5MB	Up to 10 megapixels; maximum file size: 5MB
Disc-recognition memory	Yes	Yes
Still-image rotation	90-degree rotation	90-degree rotation
Slow play	1/2x, 1/4x, 1/8x	1/2x, 1/4x, 1/8x
Fast play	2x, 4x, 8x, 16x, 32x, 64x, 128x	2x, 4x, 8x, 16x, 32x, 64x, 128x
Random play	MP3 only	MP3 only
Repeat play	A/B; DVD: Chapter/Title; CD: Track/All; MP3: track/folder; WMA: Playlist	A/B; DVD: Chapter/Title; CD: Track/All; MP3: track/folder; WMA: Playlist
Digital-audio outputs	Optical, coax, HDMI 1.3a	Coax, HDMI 1.3a
Remote	Backlit	Backlit
IR-in/out jacks	Yes	No
Dimensions (H x W x D)	66mm x 440mm x 352mm	66mm x 440mm x 352mm
Weight	3.7kg	3.7kg

Model	MAS 101	MAS 111	MAS 100	MAS 110
Description	Compact music system	Compact music system	Compact music system	Compact music system
Speaker system	Dedicated to MAS: 'MAS Speakers'	Dedicated to MAS: 'MAS Speakers'	Dedicated to MAS: 'MAS Speakers'	Dedicated to MAS: 'MAS Speakers'
Power	65W x 2	65W x 2	65W x 2	65W x 2
Frequency response	20Hz – 20kHz	20Hz – 20kHz	20Hz – 20kHz	20Hz – 20kHz
Audio formats	CD, CD-R, CD-RW, enhanced CD, MP3 and WMA playback	CD, CD-R, CD-RW, enhanced CD, MP3 and WMA playback	CD, CD-R, CD-RW, enhanced CD, MP3 and WMA playback	CD, CD-R, CD-RW, enhanced CD, MP3 and WMA playback
MP3 playback	Yes	Yes	Yes	Yes
WMA playback	Yes	Yes	Yes	Yes
Analogue-audio inputs	2	2	2	2
Digital-audio inputs (coaxial/optical)	2/2	2/2	2/2	2/2
Phono input (MM)	1	1	1	1
USB input (side/rear)	1/1	1/1	1/1	1/1
iPod connectivity	Yes	Yes	Yes	Yes
The Bridge III iPod docking station included	Yes	Yes	No	No
Auxiliary input	1 (stereo mini jack)	1 (stereo mini jack)	1 (stereo mini jack)	1 (stereo mini jack)
Headphone output	Yes, side panel	Yes, side panel	Yes, side panel	Yes, side panel
Tuner	FM stereo with RDS, 30 presets	FM stereo with RDS, 30 presets	FM stereo with RDS, 30 presets	FM stereo with RDS, 30 presets
DAB/DAB+	No	Yes	No	Yes
Frequency range	87.5MHz – 108MHz	87.5MHz – 108MHz	87.5MHz – 108MHz	87.5MHz – 108MHz
Clock with alarm and memory backup	Yes, dual alarm	Yes, dual alarm	Yes, dual alarm	Yes, dual alarm
Signal-to-noise ratio (A-weighted)	98dBA	98dBA	98dBA	98dBA
Line-level output	2.0V RMS	2.0V RMS	2.0V RMS	2.0V RMS
System remote	Yes	Yes	Yes	Yes
Dimensions, electronics (H x W x D)	80mm x 240mm x 240mm (2x)	80mm x 240mm x 240mm (2x)	80mm x 240mm x 240mm (2x)	80mm x 240mm x 240mm (2x)
Dimensions, speakers (H x W x D)	270mm x 180mm x 185mm	270mm x 180mm x 185mm	270mm x 180mm x 185mm	270mm x 180mm x 185mm
Weight electronics	2.0kg + 2.6kg	2.0kg + 2.6kg	2.0kg + 2.6kg	2.0kg + 2.6kg
Weight speakers	5kg each	5kg each	5kg each	5kg each

SPECIFICATIONS

Model	HK 3490	HK 3390
Description	Stereo receiver	Stereo receiver
Power (FTC)	120W x 2	80W x 2
Total harmonic distortion	<0.07%	<0.07%
Impedance	8 ohms	8 ohms
Bandwidth	20Hz – 20kHz	20Hz – 20kHz
HCC (amps)	±45	±42
Bandwidth @ 1W (+0dB, –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)	165mm x 440mm x 382mm	165mm x 440mm x 382mm
Weight	10.4kg	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 (+0dB/–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	0.5V pp/75 ohms	0.5V pp/75 ohms
Dynamic range	>116dB	>100dB
Channel separation	>115dB	>100dB
Power requirement	AC 220V – 240V/50Hz	AC 220V – 240V/50Hz
Power consumption (watts)	<20W (on); <2W (standby)	<20W (on); <2W (standby)
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	Stereo receiver	Integrated amplifier
Power (FTC) ¹	150W @ 8 ohms x 2 / 300W @ 4 ohms x 2	80W @ 8 ohms x 2 / 120W @ 4 ohms x 2
HCC (amps)	±200	±80
Ultrawide bandwidth @ 1W (+0dB, –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)	Rear-panel 2/2	No
Processor input	Yes, 2.2-channel	No
Balanced XLR inputs	Yes	No
HRS-link	Yes	No
Digital-audio output (coax/optical)	Rear-panel 1/0	No
Preamp outputs	Yes	Yes
Subwoofer output	Yes, dual	No
Power requirement	AC 220V – 240V/50Hz	AC 220V – 240V/50Hz
Power consumption (watts)	1000W max	410W 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, both channels driven.

Model	TU 980	
Description	Dual-band DAB/FM/AM 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	71dB/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 220V – 240V/50Hz
	Power consumption (watts)	12W max
	Dimensions (H x W x D)	63mm x 440mm x 334mm
	Weight	3.4kg

Model	HKTS 60	HKTS 30	HKTS 20	HKTS 16	HKTS 9
Description	5.1-channel home theatre speaker system	5.1-channel home theatre speaker system	5.1-channel home theatre speaker system	5.1-channel home theatre speaker system	5.1-channel home theatre speaker system
Satellites	Four identical two-way satellites with dual flat-panel 75mm midranges and a 19mm CMMD Lite dome tweeter, video-shielded	Four identical two-way satellites with dual 75mm midranges and a 19mm-dome tweeter, video-shielded	Four identical two-way satellites with a 75mm midrange and a 19mm-dome tweeter, video-shielded	Four identical two-way satellites with dual 75mm midranges and a 19mm-dome tweeter, video-shielded	Four identical two-way satellites with a 75mm midrange and a 13mm-dome tweeter, video-shielded
Centre-channel speaker	Voice-matched, dual-driver, with two flat-panel 75mm midranges and a 19mm CMMD Lite dome tweeter	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	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
Subwoofer	200-watt, sealed powered subwoofer with a 200mm driver	200-watt, sealed powered subwoofer with a 200mm driver	200-watt, sealed powered subwoofer with a 200mm driver	200-watt, sealed powered subwoofer with a 200mm driver	200-watt, sealed powered subwoofer with a 200mm driver
Impedance	8 ohms (sats & centre)	8 ohms (sats & centre)	8 ohms (sats)	8 ohms (sats & centre)	8 ohms (sats)
Sensitivity (SPL @ 1 watt/meter)	86dB (sats & centre)	86dB (sats & centre)	86dB (sats)	86dB (sats & centre)	86dB (sats)
Frequency response	System: 35Hz – 20kHz (–6dB)	System: 35Hz – 20kHz (–6dB)	System: 35Hz – 20kHz (–6dB)	System: 35Hz – 20kHz (–6dB)	System: 35Hz – 20kHz (–6dB)
Line-level inputs	Stereo RCA jacks and dedicated LFE	Stereo RCA jacks and dedicated LFE	Stereo RCA jacks and dedicated LFE	Stereo RCA jacks and dedicated LFE	Stereo RCA jacks and dedicated LFE
Recommended amplifier power	10W – 120W	10W – 120W	10W – 80W	10W – 120W	10W – 80W
Subwoofer-level control	Yes	Yes	Yes	Yes	Yes
Phase switch	Yes	Yes	Yes	Yes	Yes
Music sense turn-on	Yes	Yes	Yes	Yes	Yes
Trigger input turn-on	Yes	Yes	Yes	Yes	Yes
Low-pass filter switch	Yes	Yes	Yes	Yes	Yes
Cables included	Yes	Yes	Yes	Yes	Yes
Wall-mount capability	Brackets included for four satellites and centre	Brackets included for four satellites and centre	Brackets included for four satellites and centre	Brackets included for four satellites and centre	Brackets included for four satellites and centre
Dimensions (H x W x D)	Sats: 299mm x 110mm x 88mm Sub: 353mm x 267mm x 267mm Centre: 110mm x 272mm x 88mm	Sats: 299mm x 110mm x 88mm Sub: 353mm x 267mm x 267mm Centre: 110mm x 272mm x 88mm	Sats: 216mm x 110mm x 88mm Sub: 353mm x 267mm x 267mm Centre: 110mm x 272mm x 88mm	Sats: 243mm x 100mm x 92mm Sub: 353mm x 267mm x 267mm Centre: 102mm x 241mm x 92mm	Sats: 167mm x 100mm x 92mm Sub: 353mm x 267mm x 267mm Centre: 102mm x 241mm x 92mm
Weight	Sats: 1.5kg Sub: 9kg Centre: 1.5kg	Sats: 1.5kg Sub: 9kg Centre: 1.5kg	Sats: 0.6kg Sub: 9kg Centre: 1.5kg	Sats: 1kg Sub: 9kg Centre: 1kg	Sats: 0.6kg Sub: 9kg Centre: 1kg

Model	HKTS 30SAT	HKS 4
Description	Surround speakers	Surround speakers
Satellites	Two identical two-way satellites with dual 75mm midranges and a 19mm-dome tweeter, video-shielded	Two identical two-way satellites with dual 75mm midranges and a 19mm-dome tweeter, video-shielded
Impedance	8 ohm	8 ohm
Sensitivity (SPL @ 1 watt/meter)	86dB	86dB
Frequency response	105Hz – 20kHz (–6dB)	105Hz – 20kHz (–6dB)
Speaker terminals	Push-type	Spring lever
Recommended amplifier power	10W – 120W	10W – 120W
Cables included	Yes	Yes
Wall-mount capability	Pair of brackets included	Pair of brackets included
Dimensions (H x W x D)	299mm x 110mm x 88mm	243mm x 100mm x 92mm
Weight	1.5kg	1kg

Model	HTFS 2 ¹	HTFS 3 ¹
Description	Floor stands for HKTS 9, HKTS 16 and HKS 4	Floor stands for HKTS 60, HKTS 30, HKTS 20 and HKTS 30SAT
Aluminium-extrusion column	Yes	Yes
Wire-management system	Yes	Yes
Height, assembled, not including floor spikes or speaker	876mm	820mm
Base	229mm x 178mm, oval	270mm x 212mm, oval
Weight	7.6kg	6.62kg

¹ Some assembly required.

Model	HKTS200SUB
Description	Powered subwoofer
Low-frequency transducer	200mm driver
Amplifier power	200W
Enclosure type	Sealed
Frequency response	System: 25Hz – 150Hz (–3dB)
Line-level inputs	Stereo RCA jacks and dedicated LFE
Subwoofer-level control	Yes
Phase switch	Yes
Music sense turn-on	Yes
Trigger input turn-on	Yes, 3V – 30V AC/DC
Low-pass filter switch	Yes
Dimensions (H x W x D)	353mm x 267mm x 267mm
Weight	9kg

SPECIFICATIONS

Model	SB 16	SB 10
Description	2.1-channel home theatre soundbar speaker system	3.1-channel passive home theatre soundbar speaker system
Satellites	Central soundbar with four 75mm drivers (two per channel), two 19mm tweeters (one per channel) and two built-in 25W amplifiers	Central soundbar with four 75mm drivers (one per left/right channel and two for the centre channel) and three 19mm tweeters (one per channel)
Subwoofer	100-watt, bass-reflex powered subwoofer with a 250mm driver and wireless operation	200-watt, sealed powered subwoofer with a 200mm driver
Digital-audio inputs (coax/optical)	1/1	N/A
Analogue-audio input	1	N/A
Frequency response	50Hz – 20kHz (–6dB)	50Hz – 20kHz (–6dB)
Line-level inputs	Stereo RCA jacks and dedicated LFE	Stereo RCA jacks and dedicated LFE
Subwoofer-level control	Yes	Yes
Phase switch	Yes	Yes
Music sense turn-on	Yes	Yes
Trigger input turn-on	No	Yes
Low-pass filter switch	No	Yes
Cables included	Yes	Yes
Wall-mount capability	Brackets included for central soundbar	Brackets included for central soundbar
Dimensions (H x W x D)	Sat: 110mm x 920mm x 89mm Sub: 480mm x 380mm x 380mm	Sat: 110mm x 920mm x 89mm Sub: 353mm x 267mm x 267mm
Weight	Sat: 3.6kg Sub: 15.4kg	Sat: 3.6kg Sub: 9kg

Model	MS 100
Description	High-performance audio system
Drivers	2-way, 127mm (5") amplified stereo speakers
Power	30W x 2
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 Front-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	87.5MHz – 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	GLA-55
Description	High-performance desktop audio system
Driver technology	Atlas AL
System	Power56 watts per satellite at 1% THD
	Input impedance>5k ohms
	Frequency response (–10dB)35Hz – 20kHz
	Input sensitivity250mV for rated power
	Dimensions (W x H)140mm x 270mm

Model	SoundSticks III
Description	2.1-channel multimedia sound system
System	Frequency range44Hz – 20kHz
	Power consumption4W idle, 65W maximum
	Input requirement3.5mm stereo mini-jack
Subwoofer	Transducer(1) 152mm woofer
	Amplifier output power20W RMS
	Dimensions232mm x 258mm
	Weight2.2kg
Satellite	Transducers4 x 25mm full range per channel
	Amplifier output power10W RMS per channel
	Dimensions51mm x 254mm
	Weight0.7kg

Model	harman kardon Go + Play II	harman kardon Go + Play Micro
Description	Portable loudspeaker dock for iPod and iPhone devices	Portable loudspeaker dock for iPod and iPhone devices
Available in	Matte black, with stainless-steel details	Matte black, with stainless-steel details
Input requirement	Main connectioniPod/iPhone docking connector Auxiliary connection3.5mm stereo mini jack; S-Video connection; USB connection for synchronizing iPod with computer (USB cable not included)	Main connectioniPod/iPhone docking connector Auxiliary connection3.5mm stereo mini jack; S-Video connection; USB connection for synchronizing iPod with computer (USB cable not included)
Driver	Two Ridge and two Atlas transducers	Four Odyssey® and one Atlas transducers
Power	15W x 2 for tweeters; 30W x 2 for woofers	15W @ 1% THD x 2 for tweeters; 30W @ 1% THD x 1 for woofer
Frequency response	40Hz – 20kHz	70Hz – 20kHz
Input impedance	>10k ohms	>10k ohms
Signal-to-noise ratio	>85dB	>85dB
Dimensions (H x W x D)	230mm x 500mm x 240mm	230mm x 500mm x 240mm
Weight	4.6kg	3.9kg

Model	ABH 4000
Description	Four-zone/eight-room A-BUS expansion hub
System requirements	AB 2 or other compatible A-BUS modules, harman kardon A-BUS/READY receiver or any source device with standard analogue L/R outputs
Dimensions (H x W x D)	ABH 4000: 105mm x 240mm x 38mm Power supply: 37mm x 151mm x 71mm
Weight	ABH 4000: 0.65kg; power supply: 0.45kg

Model	AB 2
Description	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 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
Weight	0.11kg

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

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