

harman / kardon®



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Harman Kardon believes that high-quality audio/video components must do more than just look and sound good – they must deliver a complete package of performance, design, flexibility and ease of use. For more than 50 years, Harman Kardon products have done just

PERFORMANCE

that by incorporating a broad array of technological and design innovations. So if you're looking for audio/video products that produce pure, realistic sound and video with ever-smarter engineering and ever-simpler design, we invite you to experience the unique combination of artistry and engineering that is Harman Kardon.





DESIGNED to Entertain

The best technologies
are the ones that add
to the power and
performance of a
system while making
it easier to use.



THE BRIDGE

A single connection from The Bridge™ to a The Bridge-Ready Harman Kardon receiver provides audio playback, complete control and charging of most iPod®¹ models. You can select tracks using your AVR's remote and view on-screen navigation menus. What could be easier?

TC 30

Wouldn't it be nice if you could use simple language to tell your remote what equipment it needs to control, have it automatically program the correct codes and then adapt each activity to your personal preferences? Thanks to Harman Kardon technology – programmable via the Internet – that's exactly what the TC 30 can do, with a color LCD screen as an added bonus!

EzSet/EQ

Getting the best sound takes more than just power, it requires tailoring the system parameters to the unique characteristics of the listening room. With the press of a few buttons, our patented EzSet/EQ,[™] EzSet+[™] and EzSet[™] systems do that for you automatically, with accuracy previously possible only with expensive professional gear.

A-BUS

Harman Kardon technology unleashes music power so that it can be heard almost anywhere in the house. Thanks to configurable amplifiers, A-BUS/READY[®] single-wire connectivity and standard Zone II remotes, it's easier than ever to have the sound you want, where you want it.

UPDATES

Sometimes technology changes after you purchase a component. That's why all Harman Kardon DVD players and HS systems, the DPR and select AVR receivers can be easily updated when needed, keeping your system current for years to come.





If A/V receivers are the heart of a home entertainment system, then Harman Kardon AVRs are both heart and mind. They take today's vast array of

AVR A/V Receivers

audio/video formats and sources, and make it easy for you to select a source, tailor it to the requirements of your listening room and then play it back without skipping a beat.



7 x 85W 7.2-Channel A/V Receiver

AVR 740

Digital audio meets digital video. Ready for the future, the AVR 740's DCDi® by Faroudja video processing flawlessly upscales all incoming video to 720p or 1080i high definition and outputs it through an HDMI™ jack. On the audio side, direct HDMI connection to compatible DVD-Audio players, USB playback from compatible digital audio sources and XM-Ready®2 capability for digital satellite radio greatly expand your digital options. Our advanced EzSet/EQ II system, 7.2-channel capability, TC 30 remote and more make this the most flexible AVR we've ever produced.

7 x 55W 7.1-Channel A/V Receiver

AVR 340

Tune up your room; no tools required. Thanks to EzSet/EQ, the AVR 340 not only establishes all system speaker parameters, it measures how the speakers "sound" in your room and equalizes their output to compensate for any room-based acoustic situation. Add a wide range of convenience features such as video cross conversion, component output for simplified connectivity, A-BUS/READY multiroom capability, and compatibility with The Bridge, and you'll be enjoying movies and music quicker than ever.

7 x 50W 7.1-Channel A/V Receiver

AVR 240

For high quality "by the numbers" the AVR 240 is clearly best in class. Seven channels of high-current amplification, Logic 7® processing, 192kHz/24-bit digital converters, two high-bandwidth component video inputs, a two-line front-panel display and more inputs and outputs than you can count. Add the power of EzSet+ to automatically set system speaker levels, and it all adds up to a magnificent total of high-quality audio and video performance.

6 x 40W 6.1-Channel A/V Receiver

AVR 140

Don't let the AVR 140's modest price fool you. Our most affordable A/V receiver is loaded with features. With on-screen menus that include renameable inputs, component video switching, compatibility with The Bridge, and our classic high-current, ultrawide-bandwidth amplifier topology, there is no better way to upgrade an old analog system or add high-quality home theater performance when budget considerations are paramount.

Together for the first time – your iPod and your home entertainment system – thanks to The Bridge. A single connection provides complete navigation and control of an iPod with the

iPOD Docking Station

remote control from a The Bridge-Ready Harman Kardon receiver, and charges the battery at the same time. Of course, you can also hear any track on the iPod through your home entertainment system.



THE BRIDGE

iPod Docking Station

iPod and Harman Kardon: two names synonymous with music playback, ease of control and elegant design. Now, The Bridge literally links the two, allowing you to share the favorite tracks and playlists stored on your iPod with anyone in listening range of a compatible Harman Kardon AVR – even in a connected second room. Dock your iPod in The Bridge, then sit back and operate it with the AVR's remote control while on-screen and front-panel menus guide your track selections. The Bridge also charges the iPod while you use it.

It's time to Take Control™!
The TC 30 extends our
commitment to taking
integrated entertainment
to the next level by
making it easier than
ever to not only program
a remote control for
virtually any combination

Activity-Based **REMOTE**

of components – from
Harman Kardon and
other brands – but
to link them together
so that even the
most technophobic
among us can operate
the most complex
audio/video system.



TC 30

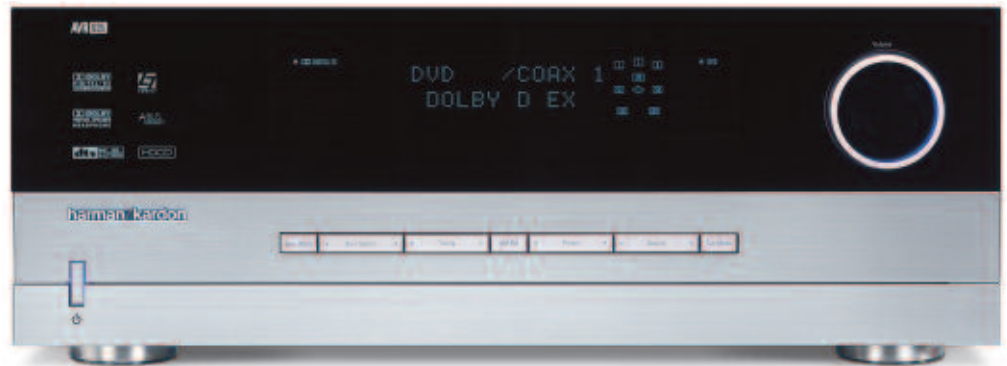
Activity-Based Remote

There's a good reason that the "TC" in "TC 30" stands for "Take Control." This unique product does more than just operate single components; it dramatically changes the way you configure and use a remote control. Setup is done directly with our Web site, where plain language "wizards" recognize the brand and model of all your equipment and automatically send the right codes back to the TC 30. The TC 30 remote groups all the needed commands, including "Watch TV," "Listen to CD," "Watch a DVD" and "Listen to The Bridge," into unified activities. All you need to do is look at the color LCD screen, select the icon that matches the activity, and the TC 30 does the rest. It's easy, it's fun and it makes operating otherwise complex systems a breeze.

As the company that invented the audio receiver, Harman Kardon has always defined a receiver's power by more than just the traditional benchmarks of watts and dBs. Our

AVR A/V Receivers

AVRs express power as a total package of features, functionality, ease of use and elegant industrial design. From that perspective, the AVR 635 and AVR 435 are perfectly powered.



AVR 635

7 x 75W 7.1-Channel AV Receiver

The AVR 635 combines the sonic power of our high-current, ultrawide-bandwidth amplifier design with advanced audio processing technology from Texas Instruments™ to deliver unparalleled performance. Thanks to Harman Kardon's proprietary EzSet/EQ functionality, the AVR 635 not only automates speaker output and delay settings, it corrects for room acoustics. The AVR 635's video technology is equally impressive, with video conversion so that all input sources may be viewed via component video, and A/V Sync delay that reconnects the timing of sound and image. An RS-232 port makes future software upgrades possible, and enables external control systems.

AVR 435

7 x 65W 7.1-Channel AV Receiver

Perfect home theater made easy! Thanks to EzSet/EQ, setting up the AVR 435 is quick and painless. Plug in the compact microphone, press a few buttons, and your system is precisely and automatically calibrated with full-room correction. Once you're ready to listen, the latest digital surround modes and our own Logic 7 processing deliver flawless performance. With high-current power to spare, and a host of advanced features such as A-BUS/*READY* connectivity, the AVR 435 is home theater perfection.

Pure digital, pure performance. Harman Kardon's digital path receiver topology preserves the quality of your program sources by linking them directly to a powerful amplifier without any conversions back and forth between

DPR
Digital Path
Receiver

analog and digital. Beyond the power and musicality it delivers across the full audio bandwidth, Harman Kardon's DPR is designed to be highly efficient – there's no need to sacrifice performance when space is at a premium.



DPR 2005

7 x 120W 7.1-Channel Digital Path Receiver

Thanks to our digital path receiver technology, the DPR 2005 packs an incredible amount of power into a compact form. It features the latest surround formats from Dolby® and DTS®, including Dolby Pro Logic® IIx, Dolby Virtual Speaker and DTS 96/24, along with our proprietary Logic 7 technology, which gives older stereo and matrix soundtracks a full 7.1-channel presentation. Digital bass management, even for analog inputs from DVD-A and SACD players, combined with our quadruple crossover system, creates a seamless, powerful soundfield, while a wide range of multiroom options, including A-BUS/*READY* connectivity, assignable rear channels and a separate Zone II remote, let you spread great sound throughout the house.

Why limit your listening to one room? Harman Kardon makes it easy to enjoy your favorites in almost any room in the house. All 7.1-channel Harman Kardon receivers (except the

MULTIROOM Products

AVR 240) include a second-zone control system and remote control, complete with assignable rear-channel amps, making it easy to power a second room without an additional amplifier.



ABH 4

4-Room A-BUS Expansion Hub

With the ABH 4, no room in the house need be without music, no matter which AVR is in use. For existing systems linked to A-BUS/*READY* products, the ABH 4 allows you to power up to four rooms, or even more with additional ABH 4 hubs. For systems without an A-BUS/*READY* jack, the ABH 4's onboard audio inputs add the simplicity of A-BUS to any multichannel or stereo receiver with a "Tape" or "Multiroom" output; you can even use it directly with a CD or DVD player or outboard tuner to bring music to any room.

AB 1

Amplified In-Wall Module for A-BUS Applications

The innovative A-BUS system makes it incredibly easy to bring Harman Kardon sound to a remote room. Thanks to a built-in amplifier and a single-cable connection to any A-BUS/*READY* receiver or the ABH 4, all you need to do is connect the speakers, use your Zone II remote or the up/down volume control, and musical pleasure is yours throughout your home.

HE 1000

External Infrared Remote Sensor

Stay in command. Whether a Harman Kardon product is hidden behind doors, or connected to another room, this external IR sensor allows the use of any compatible remote to operate your Harman Kardon system.

Is a stereo receiver
obsolete in a
predominantly digital,
multichannel world?
Absolutely not!
Harman Kardon's stereo
receivers are the audio

STEREO Receivers

equivalent of an elegant
analog timepiece in a
world filled with digital
chronometers, and they
remain the standard by
which other stereo
receivers are judged.



HK 3480

2 x 120W Stereo Receiver

When two channels are all you need, make it two ultrawide-bandwidth, high-current channels from the company that invented the stereo receiver. The HK 3480 features seven audio inputs, four video inputs (including one on the front panel), 30 AM/FM station presets, VMAx[®] surround synthesis from stereo sources, a three-step dimmable fluorescent display, a phono preamp, pre-out/main-in jacks, gold-plated phono inputs and a separate subwoofer output. Also included is a multicomponent system remote control.

HK 3380

2 x 80W Stereo Receiver

Perfect for a main music system, the HK 3380 uses the same discrete high-current, ultrawide bandwidth amplifier technology found in our AVR Series receivers. It also has four video inputs, including one on the front panel, a multicomponent system remote control, a 30-preset AM/FM section, a phono preamp, a subwoofer output, a dimmable fluorescent display, pre-out/main-in jacks and even a nine-step, 90-minute sleep timer.



|| iPod

- Music >
- Photos >
- Extras >
- Settings >
- Shuffle Songs
- Backlight
- Now Playing >

harman/kardon



High performance is the very definition of a Harman Kardon DVD player, and our engineers have designed them to deliver maximum resolution for use with the latest digital

DVD & CD Players

video displays and multichannel sound systems. Our passion for quality ensures that you'll enjoy a level of realism that surpasses anything you've seen or heard before.



DVD Audio/Video Player With SACD™ and HDMI

DVD 47

The DVD 47 is Harman Kardon's most advanced DVD player, delivering performance that satisfies audiophiles and videophiles alike. On the video side, advanced processing upscales the signal to 720p or 1080i via an HDMI output, along with the ability to view both JPEG and Kodak® Picture CD™ images. Critical listeners will revel in the fidelity of both DVD-Audio and SACD, in addition to MP3 and WMA playback of compressed music formats. Sound and image, in any combination, all at the best possible resolution. That's the DVD 47.

DVD Audio/Video Player With SACD

DVD 37

The DVD 37 gives equal time to your eyes and your ears. Your ears will feast on both DVD-Audio and SACD playback, all with internal bass management, while your eyes will relish the stunning progressive-scan imagery. Indeed, the DVD 37 has yet to meet a format it doesn't like, offering playback from both "-R/RW" and "+R/RW" recordable discs as well as MP3, WMA, VCD, JPEG and Kodak Picture CD formats. Add a backlit remote to control it all and you have the perfect combination to treat all the senses.

Progressive-Scan DVD Player

DVD 27

The DVD 27 may be slim in design, but it doesn't scrimp on features. Indeed, this is a compact giant that offers progressive-scan-video perfection with super-fine slow motion, a backlit remote, and image-format playback from JPEGs and Kodak Picture CDs, as well as MP3 and WMA audio files. A built-in test signal for critical setup, and high-end DACs for analog connectivity make the DVD 27 a true "best in class" performer.

CD Changer

FL 8385

If you want high-quality music playback that can run uninterrupted throughout the day – or for the length of the party – the FL 8385 is for you. This five-disc CD changer has a wide range of programming options to play back the perfect mix, while High Definition Compatible Digital® (HDCD®) processing delivers the most realistic sound processing to date from both HDCD-encoded and standard discs. High-end Burr-Brown™ digital processors convert the digital signals back to analog without including any artifacts, or you can use the coax digital output to connect the FL 8385 directly to the processor in your A/V receiver.





Small system size with big system performance. That's the goal of our new all-in-one home theater system. Because the power and flexibility of an A/V receiver and DVD player are combined in the

INTEGRATED HOME THEATER System

same chassis, space considerations no longer need dictate system performance. With carefully matched, compact speakers and a powerful subwoofer, you have a great home theater system that fits almost anywhere.



HS 100

7 x 35W 5.1-Channel Integrated Home Theater System

The HS 100 is a true feat of system engineering, seamlessly blending the flexibility of an all-in-one receiver/progressive-scan DVD-Audio/Video player with our HKTS 7 speaker system so that home theater power is now available where it could never fit before. The audio and video features and performance that you expect from Harman Kardon are here, including simultaneous playback of JPEG images with MP3 or WMA audio files, a video test screen for full-system calibration, and a wide range of picture and sound playback, programming and control options.

Our HKTS home theater speaker systems make it easy to choose the right speakers to match your home theater components. By providing a complete system, they ensure that frequency response, dispersion and dynamic range are

HOME THEATER Speaker Systems

carefully matched so that all the speakers in a multichannel system blend rather than compete with one another. HKTS systems complement any room décor, and perfectly match Harman Kardon's components and today's flat-screen video displays.



HKTS 14

5.1-Channel Home Theater Speaker System

The HKTS 14 home theater speaker system combines identically voiced two-way satellite and center channel speakers with a magnetically shielded 12-inch, 200-watt subwoofer for high-performance sound that complements the design of Harman Kardon receivers and DVD players, and today's flat-panel video displays. Advanced features include a line-level Sub/LFE input, music-sense on/off and a multicolor LED power indicator. Wall-mount brackets for the satellite are included.

HKS 4

Surround Loudspeakers

Unleash the 7.1-channel capability of your new AVR or DPR by adding these elegant loudspeakers to an HKTS 14 system and experience new dimensions in audio performance.

Big movie sound from a remarkably compact, fully matched system. That's precisely the goal we set for the HKTS 8, and it more than meets the challenge. Conventional

HOME THEATER Speaker Systems

wisdom says that you need large speakers for "large sound," but the HKTS 8 destroys that notion as easily as it reproduces the sound of space rangers destroying alien invaders.



HKTS 8

6.1-Channel Home Theater Speaker System

The HKTS 8 includes five satellite speakers with 3-inch midrange and 1/2-inch high-frequency drivers, and a voice-matched, dual-midrange center channel speaker with a 3/4-inch-dome tweeter. Heart-pounding bass is provided by a 10-inch subwoofer with built-in 100-watt amplifier. Wall-mount brackets for the satellite speakers are included.

HKS 3

Surround Loudspeakers

Expand your HKTS 8 or any 5.1-channel speaker system to the full realism of seamless 7.1-channel surround, without taking up space.

HTFS 2

Floor Stands

These slim-profile, aluminum-extrusion columns are custom designed to match the HKTS 8, HKTS 14, HKS 3 and HKS 4 satellite speakers while accenting any room décor. A self-contained internal wire-management system adds to the system approach by keeping speaker wires out of sight.

Complete systems,
complete performance.
By taking advantage
of our "best in class"
components and
speakers, all operated
with a single remote,
you get the best of

HOME THEATER Systems

both worlds: the ease
of use from having all
the elements in one
package, and the
legendary performance
of Harman Kardon.



7.1-Channel Home Theater System With DVD-Audio and EzSet+

CP 35

Full power, from start to finish! The CP 35 includes a DVD 31 to play back movies, music and the latest DVD-Audio releases, an AVR 335 that simplifies setup, thanks to EzSet+, and a 7.1 speaker system with the HKTS 14 and HKS 4 to fill your home with the movies and music you want to hear. The CP 35 sets a new standard for high-performance home theater systems.

7.1-Channel Home Theater System

CP 25

Our most affordable complete 7.1-channel home theater system ever. The CP 25 combines the AVR 235's high-current amplification with the pixel-by-pixel processing and progressive-scan capability of the DVD 22, and the sonic perfection of the HKTS 7 and HKS 3 speakers.

6.1-Channel Home Theater System

CP 15

Why compromise? The CP 15 delivers the high performance of Harman Kardon components to enthusiasts on a budget. With the combination of the AVR 135, DVD 22 and HKTS 8, you have the power and flexibility you want at a price you can afford.

SPECIFICATIONS

Model	AVR 740	AVR 340	AVR 240	AVR 140	AVR 635	AVR 435	DPR 2005
Description	7.2-Channel AVR	7.1-Channel AVR	7.1-Channel AVR	6.1-Channel AVR	7.1-Channel AVR	7.1-Channel AVR	7.1-Channel DPR
Stereo Power (FTC)	100 x 2	70 x 2	65 x 2	50 x 2	90 x 2	80 x 2	120 x 2
Multichannel Power (FTC)	85 x 7	55 x 7	50 x 7	40 x 6	75 x 7	65 x 7	120 x 7
Amplifier Type	High current ±60 amps	High current ±35 amps	High current ±35 amps	High current ±25 amps	High current ±50 amps	High current ±40 amps	Advanced PWM
THD @ Impedance	0.07% @ 8Ω	0.07% @ 8Ω	0.07% @ 8Ω	0.07% @ 8Ω	0.07% @ 8Ω	0.07% @ 8Ω	0.15% @ 8Ω
Bandwidth	20Hz – 20kHz	20Hz – 20kHz	20Hz – 20kHz	20Hz – 20kHz	20Hz – 20kHz	20Hz – 20kHz	20Hz – 20kHz
Bandwidth @ 1W (+0dB/–3dB)	10Hz – 130kHz	10Hz – 130kHz	10Hz – 130kHz	10Hz – 130kHz	10Hz – 130kHz	10Hz – 130kHz	20Hz – 20kHz
Signal-to-Noise Ratio (IHF-A)	100dB	100dB	100dB	100dB	100dB	100dB	97dB
Power Supply	Independent front & rear	Independent front & rear	Independent front & rear	Independent front & rear	Independent front & rear	Independent front & rear	Switch mode
Dolby® Digital	Dolby® Digital EX	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	Pro Logic® IIx
Dolby® Virtual Speaker	Yes	Yes	Yes	No	Yes	Yes	Yes
DTS® 5.1	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DTS-ES® 6.1 Discrete & Matrix	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DTS 96/24®	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DTS Neo:6®	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Logic 7	Yes	Yes	Yes	Yes	Yes	Yes	Yes
VMAx	No	Yes	Yes	Yes	No	No	Yes
Headphone Modes	2-Channel, Dolby® HP	2-Channel, Dolby® HP	2-Channel, Dolby® HP	2-Channel	2-Channel, Dolby® HP	2-Channel, Dolby® HP	2-Channel, Dolby® HP
XM-Ready	Yes	No	No	No	No	No	No
Multizone Capability	Audio/video with remote	Audio, with remote	No	No	Audio, with remote	Audio, with remote	Audio, with remote
Assignable Rear-Channel Amplifiers	Yes	Yes	No	No	Yes	Yes	Yes
A-BUS/READY®	Yes	Yes	No	No	Yes	Yes	Yes
EzSet Capability	EzSet/EQ II	EzSet/EQ	EzSet+	No	EzSet/EQ	EzSet/EQ	EzSet

Model	The Bridge
Description	iPod® ¹ Docking Station
iPod® Requirements	Third-generation and above iPod® with docking connector (not compatible with iPod shuffle™)
Receiver Requirements	Harman Kardon AVR with DMP/The Bridge docking connector
Dimensions (H x W x D)	1-3/16" x 4-1/2" x 4-1/2"
Weight	5.9 Ounces

Model	TC 30
Description	Activity-Based Remote
LCD Screen	64K color LCD
Maximum Devices	15
Maximum Activities	255
Memory	2MB
Computer Requirements	PC with Microsoft® Windows® 98SE/ME/2000/XP or Mac OS® X, CD-ROM drive, USB port (dial-up or broadband Internet access required for programming)
Includes	TC 30, installation disc, USB cable, lithium-ion rechargeable battery, charging cradle, AC adaptor, power supply
Remote Dimensions (H x W x D)	8-7/8" x 2-1/8" x 1"
Charging Cradle Dimensions (H x W x D)	8-13/16" x 2-3/8" x 11/16"
Remote Weight	6 Ounces
Charging Cradle Weight	5 Ounces

Model (continued)	AVR 740	AVR 340	AVR 240	AVR 140	AVR 635	AVR 435	DPR 2005
A/V Inputs	5	5	5	4	5	5	5
S-Video Inputs	5	5	5	4	5	5	5
Analog Audio Inputs	3	3	3	3	4	4	4
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 3/3 Front panel 1/1	Rear panel 3/3 Front panel 1/1	Rear panel 2/2 Front panel 1/1
Digital Audio Outputs (Coax/Optical)	Rear panel 1/1 Front panel 1/0	Rear panel 1/1	Rear panel 1/1	Rear panel 1/1	Rear panel 1/1 Front panel 1/0	Rear panel 1/1	Rear panel 1/1 Front panel 1/0
Digital Input Polling	All video inputs	All video inputs	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	7.1	7.1	7.1 With bass management
HDMI™ Inputs	2	0	0	0	0	0	0
HDMI™ Output	1 With processing	0	0	0	0	0	0
Preamp Outputs	7.2 Channels	7.1 Channels	7.1 Channels	Subwoofer	7.1 Channels	7.1 Channels	7.1 Channels
Component Video Inputs (Assignable)	3 @ 100MHz	2 @ 50MHz	2 @ 50MHz	2 @ 50MHz	2 @ 50MHz	2 @ 50MHz	2 @ 50MHz
Bass Management	Quad crossover	Quad crossover	Quad crossover	Quad crossover	Quad crossover	Quad crossover	Quad crossover
On-Screen Display	Yes, including component	Yes	Yes	Yes	Yes, including component	Yes	Yes
Input Titling	All inputs	All inputs	All inputs	All inputs	A/V inputs	A/V inputs	A/V inputs
DSP Processor	TI DA 610	Cirrus® CS 49400	Cirrus® CS 49400	Cirrus® CS 49400	TI DA 610	TI DA 610	Cirrus® CS 49400
Output DACs	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit
Video Processing/ Conversion	DCD™ by Faroudja scaling and processing	Composite/S to component cross conversion	No	No	Composite/S to component cross conversion	No	No
A/V Sync Delay	200 mS	80 mS	80 mS	No	80 mS	80 mS	80 mS
IEC Detachable Power Cord	Yes	No	No	No	Yes	Yes	Yes
System Remote	TC 30 activity-based, color LCD, Internet programmability	9-Device programmable	9-Device programmable	7-Device programmable	8-Device learning & programmable with backlit, two-line LCD	8-Device learning & programmable with backlit, two-line LCD	8-Device learning & programmable with backlit, two-line LCD
IR In/Out Jacks	Yes	Yes	Yes	No	Yes	Yes	Yes
IR Carrier Output	Yes	Yes	No	No	Yes	Yes	No
Discrete Remote On/Off Codes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Low-Voltage Trigger Jacks	2	No	No	No	No	No	No
External Data Port	USB and RS-232	No	No	No	Bi-directional RS-232	Bi-directional RS-232	Bi-directional RS-232
Speaker Terminals	Color-coded binding posts	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)	6-1/2" x 17-5/16" x 17-1/8"	6-13/16" x 17-5/16" x 15"	6-13/16" x 17-5/16" x 15"	6-13/16" x 17-5/16" x 15"	6-1/2" x 17-5/16" x 17-1/8"	6-1/2" x 17-5/16" x 17-1/8"	4-1/2" x 17-5/16" x 18-3/4"
Weight	48 lb	31.7 lb	30.7 lb	24.5 lb	41 lb	39 lb	23 lb

Model	ABH 4
Description	4-Room A-BUS® Expansion Hub
System Requirements	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 4: 3-5/16" x 7-3/16" x 1-3/16" Power Supply: 1-7/16" x 5-15/16" x 2-13/16"
Weight	ABH 4: 0.9 lb Power Supply: 1 lb

Model	AB 1
Description	A-BUS/READY® In-Wall Module With Built-In Amplifier
System Requirements	Any Harman Kardon A-BUS/READY® receiver, or any receiver or source product connected to an ABH 4. 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)	4-1/4" x 1-3/4" x 2-1/4"
Weight	0.25 lb

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
Unit Dimensions (H x W x D)	1" x 3-5/16" x 2-5/16"
Unit Weight	5.7 Ounces

Model	HK 3480	HK 3380
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
VMAx	Yes	No
Audio Inputs	7	7
Video Inputs	4 (1 on front panel)	4 (1 on front panel)
Video Outputs	1	1
Phono Input	Yes	Yes
Tape Monitor Loop	Yes	Yes
Tuner	FM stereo/AM with 30 presets	FM stereo/AM with 30 presets
A/B Speaker Switching	Yes	Yes
Subwoofer Output	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
Dimensions (H x W x D)	6-5/8" x 17-3/8" x 15"	6-5/8" x 17-3/8" x 15"
Weight	23 lb	20.9 lb

	DVD 47	DVD 37	DVD 27
Description	DVD Audio/Video Player With SACD™ and HDMI	DVD Audio/Video Player With SACD™	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*	DVD-Audio, SACD™ CD, CD-R/RW, MP3, WMA*	CD, CD-R/RW, MP3, WMA*
HDMI™ Output	Yes, HDMI™ 1.1	No	No
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, 720P, 1080i	480i, 480P	480i, 480P
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*: 16 kbps – 192 kbps	MP3: 32 kbps – 320 kbps WMA*: 16 kbps – 192 kbps	MP3: 32 kbps – 320 kbps WMA*: 16 kbps – 192 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*: 10 discs	DVD-Video: 100 discs MP3/WMA*: 10 discs	DVD-Video: 100 discs MP3/WMA*: 10 discs
Still-Image Rotation	90-Degree increments	90-Degree increments	90-Degree increments
Slow Play	1/2x, 1/4x, 1/6x, 1/7x	1/2x, 1/4x, 1/6x, 1/7x	1/2x, 1/4x, 1/6x, 1/7x
Fast Play	2x, 4x, 8x, 20x	2x, 4x, 8x, 20x	2x, 4x, 8x, 20x
Random Play	CDs only	CDs only	CDs only
Repeat Play	Disc, track, A/B†	Disc, track, A/B†	Disc, track, A/B†
Programmed Play	CDs only	CDs only	CDs only
Digital Audio Outputs	Coax, optical, HDMI 1.1	Coax, optical	Coax, optical
Remote	Backlit	Backlit	Backlit
IR In/Out Jacks	Yes	Yes	Yes
Dimensions (H x W x D)	1-5/8" x 17-15/16" x 10-7/8"	1-5/8" x 17-15/16" x 10-7/8"	1-5/8" x 17-15/16" x 10-7/8"
Weight	5.9 lb	5.9 lb	5.9 lb

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

† A/B Repeat Play is available for CDs only.

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1: Compatible with third-generation or higher iPod with docking connector; includes all Click Wheel models, iPod photo (audio playback only) and iPod mini (iPod not included).

2: Optional XM antenna module and subscription to XM service required. Hardware and service sold separately. XM service is not available in Alaska, Hawaii or Canada.

All features and specifications are subject to change without notice.

NOTE: Depth measurements include knobs, buttons and terminal connections; height measurements include feet and chassis.

Model	FL 8385
Description	5-Disc CD Changer
Plays CD-R	Yes
Plays CD-RW	Yes
HDCD®	Yes
Audio Output DACs	18-Bit Burr-Brown™
Programmed Play	20 Tracks
Repeat Play	1 Track, 1 CD, all CDs
Digital Output	Coax
Headphone Jack With Level Control	Yes
Remote	Yes
Separate Remote On/Off Buttons	Yes
IR In/Out Jacks	Yes
Dimensions (H x W x D)	5-1/8" x 17-5/16" x 15-1/4"
Weight	18 lb

Model	HS 100
Description	5.1-Channel Integrated Home Theater System
Multichannel Power	35 x 5
Speaker System	HKTS 7**
DVD Player	Progressive scan
External Audio Connection	Tape In/Out, TV In
Digital Audio Inputs (Coax/Optical)	1/1
Video Outputs	Composite, S, component
Video Formats	DVD, DVD-R/RW, DVD+R/RW, VCD, SVCD
Audio Formats	DVD-Audio, CD, CD-R/RW, MP3, WMA*
Still-Image Formats	JPEG
Test Screen	Yes
Fast Play	2x, 4x, 16x, 100x
Slow Play	1/2x, 1/4x, 1/8x, 1/16x
Random Play	Yes, within CD
Repeat Play	1 Track, 1 disc, A/B
Remote	System remote
Dimensions (H x W x D)	2-11/16" x 17-15/16" x 2-3/16"
Weight	10.6 lb

Model	HKTS 14	HKTS 8	HKS 4	HKS 3
Satellites	4 Identical 2-way satellites with dual 3" midranges and 3/4" dome tweeter, video-shielded	5 Identical 2-way satellites with 3" midrange and 1/2" dome tweeter, video-shielded	2 Identical 2-way satellites with dual 3" midranges and 3/4" dome tweeter, video-shielded	2 Identical 2-way satellites with 3" midrange and 1/2" dome tweeter, video-shielded
Center Channel Speaker	Voice-matched, dual-driver with two 3" midranges and 3/4" dome tweeter	Voice-matched, dual-driver with two 3" midranges and 3/4" dome tweeter	N/A	N/A
Subwoofer	200-Watt, bass-reflex powered subwoofer with 12" driver	100-Watt, bass-reflex powered subwoofer with 10" driver	N/A	N/A
Impedance	8 Ohms (sats & center)	8 Ohms (sats & center)	8 Ohms	8 Ohms
Sensitivity (SPL @ 1 Watt/Meter)	86dB (sats & center)	86dB (sats & center)	86dB	86dB
Frequency Response	System: 25Hz – 20kHz (–6dB)	System: 35Hz – 20kHz (–6dB)	105Hz – 20kHz (–6dB)	110Hz – 20kHz (–6dB)
Line-Level Inputs	Stereo RCA jacks and dedicated LFE	Stereo RCA jacks and dedicated LFE	N/A	N/A
Speaker-Level Inputs & Outputs	Binding posts	Binding posts	Spring lever (inputs only)	Spring lever (inputs only)
Recommended Amplifier Power	10W – 120W	10W – 80W	10W – 120W	10W – 80W
Subwoofer Level Control	Yes	Yes	N/A	N/A
Phase Switch	Yes	Yes	N/A	N/A
Music Sense Turn-On	Yes	Yes	N/A	N/A
Low-Pass Filter Switch	Yes	Yes	N/A	N/A
Cables Included	Yes	Yes	Yes	Yes
Wall-Mount Capability	Brackets included for 4 satellites	Brackets included for 5 satellites	Pair of brackets included	Pair of brackets included
Dimensions (H x W x D)	Sats: 9-9/16" x 3-15/16" x 3-5/8" Center: 4" x 9-1/2" x 3-5/8" Sub: 20-1/2" x 14-1/2" x 14-1/2"	Sats: 6-9/16" x 3-15/16" x 3-5/8" Center: 4" x 9-1/2" x 3-5/8" Sub: 18-7/8" x 13-3/8" x 13-3/8"	9-9/16" x 3-15/16" x 3-5/8"	6-9/16" x 3-15/16" x 3-5/8"
Weight	Sats: 2.2 lb Center: 2.2 lb Sub: 48 lb	Sats: 1.4 lb Center: 2.2 lb Sub: 33 lb	2.2 lb	1.4 lb

Model	HTFS 2†
Aluminum-Extrusion Column	Yes
Wire-Management System	Yes
Height, Assembled, Not Including Floor Spikes and Without Speaker	34-1/2"
Base	9" x 7" Oval
Weight	16.7 lb

† Some assembly required

Model	CP 35	CP 25	CP 15
Channel Configuration	7.1-Channel system	7.1-Channel system	6.1-Channel system
Audio/Video Receiver	AVR 335**	AVR 235**	AVR 135**
DVD Player	DVD 31**	DVD 22**	DVD 22**
Loudspeaker Complement	HKTS 14** plus one pair HKS 4**	HKTS 7** (same component specs as HKTS 8** with one satellite fewer) plus one pair HKS 3**	HKTS 8**
Accessories Included	RCP 2 universal remote control with EzSet, color Quick-Start Guide, color-coded cable labels, all necessary cables	RCP 2 universal remote control with EzSet, color Quick-Start Guide, color-coded cable labels, all necessary cables	RCP 2 universal remote control with EzSet, color Quick-Start Guide, color-coded cable labels, all necessary cables

** See www.harmanardon.com for product specifications.



Activities

Devices

Help

Thurs 2:30 PM
Choose an Activity:

Watch a DVD

Watch TV

Play VCR

Play Game

Listen to FM Radio

Listen to XM Radio

Listen to The Bridge

Play PVR

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