

# HARMAN KARDON® AVR 1510

375-watt, 5.1-channel, networked audio/video receiver with four HDMI® inputs



**Lighter box. Bigger sound.**

## Harman Kardon® AVR 1510

Introducing the Harman Kardon® AVR 1510, a powerful and versatile 5.1-channel audio/video receiver designed for those home entertainment enthusiasts who demand great sound and a variety of connectivity options. Equipped with four HDMI® inputs, this high-performance AVR has everything you need.

No matter how you plan on connecting your HD cable set-top box, Blu-ray™ player or media consoles, you want the best picture quality and sound. And simple connections. The Harman Kardon AVR 1510 is a 5.1-channel, 375-watt, networked audio/video receiver that gives you four 3D-ready HDMI inputs – plug them in once to experience all your entertainment with precision and clarity. With DLNA® 1.5, you can stream audio from your compatible devices, and built-in vTuner™ Internet radio connects you to a whole world of online audio entertainment. And thanks to HARMAN GreenEdge™ certification, the system is lightweight. You'll experience true Harman Kardon power, only now in a more environmentally friendly form.

## Highlights

- Five 75-watt-per-channel amplifiers with high-performance digital power supply
- More ways to connect
- Built-in vTuner Internet radio
- Four 3D-ready HDMI inputs
- Front-panel USB port for connection to compatible Apple products or USB sticks
- Multiroom system with audio output and assignable amplifier
- Dolby® TrueHD and DTS-HD Master Audio™ decoding
- HARMAN GreenEdge certification
- New, compact design
- Color-coded connectors and binding-post speaker terminals
- Multidevice, programmable remote control
- Harman Kardon remote app for compatible iOS® and Android™ smartphones and tablets

# HARMAN KARDON<sup>®</sup> AVR 1510

Cinema-quality sound comes home

## Key Features

### Five 75-watt-per-channel amplifiers with high performance digital power supply

The AVR 1510 high-performance audio/video receiver pumps out 75 watts per channel to power a full five-channel surround-sound system. It can also connect to a powered subwoofer to provide enhanced low-frequency performance for all your entertainment. While the amplifiers retain the time-tested Harman Kardon high-current-capacity (HCC) ultrawide-bandwidth design to ensure the most accurate, dynamic sound with enhanced clarity and realism – even at the highest listening levels, a digitally based power supply gives the amplifiers all the muscle they need without the weight of traditional power-supply designs and their heavy transformers. The net result is a great-sounding AVR in a smaller form that is friendly to the environment.

### More ways to connect

The AVR 1510 can connect to compatible Apple devices, such as the iPad, iPhone and iPod touch, directly via its front-panel USB jack and play their content without the need for an external adapter. The AVR is also DLNA 1.5 compliant, which gives you more options for delivering content over your home network.

### Built-in vTuner Internet radio

The AVR 1510 features vTuner technology to connect you to a whole world of online audio entertainment. As soon as it's out of the box, you can stream over-the-air radio stations from around the globe as well as stream from a wide range of Internet-only radio stations.

### Four 3D-ready HDMI inputs

Four HDMI inputs with 3D and 30/36-bit Deep Color deliver high-definition digital video at resolutions up to 1080p with full-fidelity audio through a single cable. There is no loss of video or audio quality because of format conversion, just full-impact Hollywood excitement as its creators meant you to experience it. And because it features 4K pass-through, your low-resolution videos will be upscaled to present you with the highest possible picture quality for your HDTV.

### Front-panel USB port for connection to Apple products or USB sticks

The AVR 1510 gives you more options for audio playback with its front-panel USB port. Simply connect an iPhone, iPad or USB stick to play your stored tracks through your home entertainment system.

### Multiroom system with audio output and assignable amplifier

Control the audio in separate rooms with a single receiver. Thanks to the AVR 1510's assignable amplifiers, you can power the audio in a second room without adding additional components. That means you can watch sports in one room while you play the soothing sounds of classical music in another.

### Dolby TrueHD and DTS-HD Master Audio decoding

The AVR 1510 delivers high-resolution audio that matches the digital video quality of Blu-ray Disc™ formats, unlocking the full potential of movie soundtracks formatted with Dolby TrueHD and DTS-HD Master Audio coding. No matter what mode or mood you are in, you'll always hear audio playback at its finest.



### HARMAN GreenEdge certification

The HARMAN GreenEdge logo assures you that the AVR 1510's design is environmentally friendly without compromising the premium performance for which HARMAN products are known. Thanks to an advanced power supply, the AVR 1510 can deliver high-quality audio in a small, light chassis that uses less metal and plastic. The small design means that less fuel is used in transportation, with the end result being a lower carbon footprint.

### New, compact design

The AVR 1510 takes the award-winning Harman Kardon look to a new level with a flush volume control and more compact design. Because of the lighter weight made possible by an advanced digital power supply, the unit weighs less without sacrificing performance so that it is the perfect match for the thin glass shelves of today's open TV/entertainment furniture.

### Color-coded connectors and binding-post speaker terminals

All connections on the AVR 1510 are color-coded to simplify hook-up and reduce errors. What could be easier?

### Multidevice, programmable remote control

The AVR 1510 simplifies your life with a programmable infrared (IR) remote control. Its design works seamlessly with the receiver's multilingual on-screen display, guiding you through system setup and operation with consummate ease. The multidevice remote can also control your TV, cable boxes, satellite tuners and other playback sources. For further installation flexibility, there is a 12-volt trigger output and a remote IR sensor input.

### Harman Kardon remote app for compatible iOS and Android smartphones and tablets

Taking control to the next level, the Harman Kardon remote app is available from the iTunes App Store for iOS devices and the Google Play service for compatible Android products. It will let you use your compatible smartphone or tablet to drive the AVR 1510 without picking up the remote.

# HARMAN KARDON® AVR 1510

Everything the cinemaphile could ask for – and much, much more

## What's in the box

- 1 Harman Kardon® AVR 1510 A/V receiver
- 1 programmable remote control
- 1 AM loop antenna with 2' (0.6m) cable
- 1 FM antenna with 6' (1.8m) cable
- 2 AAA batteries
- Quick-start guide
- Warranty card
- Safety sheet

## Available Downloads

- Remote control application for compatible iOS products from the iTunes App Store
- Remote control application for compatible Android products from the Google Play service
- Harman Kardon Media Manager from [www.harmankardon.com](http://www.harmankardon.com)

## Harman Kardon AVR 1510

### Audio Section

- Stereo power: 75W per channel, two channels driven @ 6/8 ohms, 1kHz, <0.1% THD
- Multichannel power: 75W per channel, two channels driven @ 6/8 ohms, 1kSHz, <0.1% THD
- Input sensitivity/impedance: 250mV/27k ohms
- Signal-to-noise ratio (IHF-A): 75dB
- Dolby Pro Logic®/DPLII: 40dB
- Dolby Digital: 55dB
- DTS®: 55dB
- Frequency response (@ 1W): 10Hz – 130kHz (+0dB/-3dB)
- High instantaneous current capability (HCC): ±25 amps
- Transient intermodulation distortion (TIM): Unmeasurable
- Slew rate: 40V/sec

### FM Tuner Section

- Frequency range: 87.5MHz – 108.0MHz
- Usable sensitivity IHF: 1.3µV/13.2dBf
- Signal-to-noise ratio (mono/stereo): 70dB/68dB
- Distortion (mono/stereo): 0.2%/0.3%
- Stereo separation: 40dB @ 1kHz
- Selectivity ( $\pm 400\text{kHz}$ ): 70dB
- Image rejection: 80dB
- IF rejection: 80dB

### AM Tuner Section

- Frequency range: 520kHz – 1,510kHz
- Signal-to-noise ratio: 38dB
- Usable sensitivity (loop): 375µV
- Distortion (1kHz, 50% mod): 1.0%
- Selectivity ( $\pm 10\text{kHz}$ ): 30dB

### Video Section

- Television format: NTSC
- Input level/impedance: 1Vp-p/75 ohms
- Output level/impedance: 1Vp-p/75 ohms
- Video frequency response (composite video): 10Hz – 8MHz (-3dB)
- HDMI: Supports up to 4K x 2K

### General Specifications

- Power requirement: 120V AC / 60Hz
- Power consumption: <0.5W (standby); 410W maximum
- Dimensions (H x W x D): 4-3/4" x 17-5/16" x 11-13/16" (121mm x 440mm x 300mm)
- Weight: 10 lb (4.6kg)

**Go online to register your purchase and access tips that will show you just how beautiful sound can get.**

**[www.harmankardon.com/registermyproduct](http://www.harmankardon.com/registermyproduct)**



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