



## Harman Kardon® AVR 1510S

Introducing the Harman Kardon® AVR 1510S, 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 1510S 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 the built-in Spotify Connect feature, you can stream music directly from your Spotify premium account on your phone, tablet or computer, while the 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, now in a more environmentally friendly form.

## Highlights

- ▶ Five 75-watt-per-channel amplifiers with high-performance digital power supply
- ▶ Spotify Connect
- ▶ Built-in vTuner Internet radio
- ▶ Four 3D-ready HDMI inputs
- ▶ Front-panel USB port for connection to compatible Apple products or USB sticks
- ▶ Dolby® TrueHD and DTS-HD Master Audio™ decoding
- ▶ HARMAN GreenEdge certification
- ▶ Compact design
- ▶ Colour-coded connectors and binding-post speaker terminals
- ▶ Multidevice, programmable remote control



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

The AVR 1510S 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 amplifier retains the time-tested Harman Kardon® high-current-capacity (HCC), ultrawide-bandwidth amplifier 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 1510S 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 1510S also features Spotify Connect, which allows you to stream music directly from your Spotify premium account on your phone, tablet or computer.

### **Built-in vTuner Internet radio**

The AVR 1510S features vTuner Internet radio 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 ultra-high definition videos will make it all the way to compatible television screens.

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

The AVR 1510S 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.

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

The AVR 1510S 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 1510S's design is environmentally friendly without compromising the premium performance for which HARMAN products are known. Thanks to an advanced power supply, the AVR 1510S can deliver high-quality audio in a small, light chassis that uses less metal and plastic.

### **Compact design**

The AVR 1510S takes the award-winning Harman Kardon design 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.

### **Colour-coded connectors and binding-post speaker terminals**

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

### **Multidevice, programmable remote control**

The AVR 1510S 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.

### **What's in the box**

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

### Harman Kardon AVR 1510S 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, 1kHz, <0.1% THD
- Input sensitivity/impedance: 250mV/27k ohms
- Signal-to-noise ratio (IHF-A): 75dB
- Surround-system adjacent channel separation:
  - 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 (±400kHz): 70dB
- Image rejection: 80dB
- IF rejection: 80dB

### AM Tuner Section

- Frequency range: 522kHz – 1,620kHz
- Signal-to-noise ratio: 38dB
- Usable sensitivity (loop): 375µV
- Distortion (1kHz, 50% mod): 1.0%
- Selectivity (±10kHz): 30dB

### Video Section

- Television format: PAL
- 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): 121mm x 440mm x 300mm (4-3/4" x 17-5/16" x 11-13/16")
- Weight: 4.6kg (10 lb)

