

# harman/kardon®

## AVR 245

7.1 channels  
Dolby Pro Logic IIx  
Logic 7<sup>®</sup>, 5.1 and 7.1  
DTS-ES<sup>®</sup>  
HDMI™ switching  
EzSet+™  
HDTV-ready component video  
Quadruple Crossover  
RS 232 connection  
multiroom audio  
high-current capability  
192kHz/24-bit DACs



## AVR 245

7 x 50W 7.1-Channel A/V Receiver

Letter perfect. That's a great description for the AVR 245 – it features two-input HDMI switching, and includes EzSet+ and iPod connectivity through The Bridge. Incoming video is transcoded to component video, and audio is processed with virtually every surround mode available. Add the sonic perfection you expect from Harman Kardon and you've got all you need from A to Z.

## Specifications

- Audio Section – Continuous Average Power (FTC): (Stereo Mode) 65 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD, both channels driven; (Seven-Channel Surround Mode): 50 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD, all channels driven; High Instantaneous Current Capability (HCC): ±35 amps
- Tuner – Usable Sensitivity: IHF 1.3µV/13.2dBf; THD at 1kHz with 100% Modulation: (Mono) 0.2%, (Stereo) 0.3%; FM Adjacent Channel Selectivity: ±400kHz, 70dB; Ultimate (Maximum) S/N Ratio (measured at 1mV RF Input Level): (Mono) 70dB, (Stereo) 68dB
- General – Dimensions (H x W x D): 165mm x 440mm x 382mm; Weight: 13.6kg  
[Depth measurement includes knobs, buttons and terminal connections; height measurement includes feet and chassis.]

## Features

- 50W x 7 Into 8 Ohms, 20Hz – 20kHz, at <0.07% THD, With All Channels Driven Simultaneously
- High-Current (±35 Amps), Ultrawide-Bandwidth (10Hz – 100kHz) Amplifier Design Effortlessly Powers the Most Dynamic Digital Sources
- Dolby Digital Surround Decoding Using Advanced Cirrus Logic<sup>®</sup> CS 49510 32-bit DSP Processor
- Full Suite of DTS<sup>®</sup> Modes, Including DTS-ES<sup>®</sup> 6.1 Discrete & Matrix and Neo:6<sup>®</sup> and DTS 96/24
- Two Input HDMI Switching from HDMI 1.1 Sources
- Connects to Harman Kardon The Bridge™ for iPod<sup>®</sup> Playback, Control and Charging
- 192kHz/24-Bit DACs
- 3 Assignable Wide Bandwidth (100MHz), HDTV-Ready Component Video Inputs and 1 Output
- Dolby Pro Logic IIx (Movies, Music and Game Modes) Surround Sound processes Native Stereo or 5.1 Channel Content to Produce 6.1 or 7.1 Output Channels

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- Harman-Exclusive Logic 7 Cinema and Music Surround Sound Processing in 5.1 and 7.1 Channels for Superior Soundstage Imaging and Playback of Both Surround-Encoded and Stereo Recordings
- Dolby Headphone to Create Spacious, Open Sound Fields when Using Headphones
- 5- and 7-Channel Stereo, Hall and Theater Surround-Sound Modes
- Video Transcoding from Composite/S to Component
- A/V Sync Delay Adjustable for Each Input Delivers Perfect Lip Sync with Digital Programs or Video Displays
- EzSet+ for Quick and Accurate System Setup
- FM Stereo/FM/AM Tuner With 30 Presets and Direct-Access Tuning
- 7.1 Capability with Stereo Subwoofer Outputs for Direct Connection to a Powered Subwoofer
- Five A/V Inputs with S-Video plus Two Audio only Inputs
- 8-Channel Direct Inputs for Use With External Surround Decoders
- 7.1 Preamp Outputs for All Channels Allow the Use of External Amplifiers
- Convenient Front-Panel Audio/Video Input With S-Video for Use With Video Games or Portable Players
- Six Digital Inputs (Two Optical and Two Coaxial on Rear Panel, and One Optical and One Coaxial on Front Panel)
- Two Digital Outputs (1 Coax and 1 Optical Rear Panel)
- Multiroom/Multisource Audio Allows Users in Separate Rooms to Listen to Different Sources Simultaneously
- RS 232 Port for Firmware Upgrades
- Quadruple Crossover Bass Manager Allows Different Crossover Point to be Used for the Front Left/Right, Center and Surround and Surround Back Speakers
- Wide Range of Low-Frequency Crossover Points Available (40Hz, 60Hz, 80Hz, 100Hz, 120Hz and 200Hz)
- Surround Back Amplifier Channels Configurable for Use as Second Zone Amplification
- On-Screen Display, including Component Video
- Detachable IEC Power Cord
- Programmable Power-Up Volume

All features and specifications are subject to change without notice.

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