

7 x 50W 7.1-Channel A/V receiver with HDMI™ switching and audio/video processing



Highlights

- Dolby Pro Logic® IIx
- Logic 7®, 5.1 and 7.1
- DTS-ES®
- HDMI™ switching with 1080p pass-through
- Faroudja® video processing
- EzSet/EQ™
- iPod-ready audio/video
- HDTV-ready component video
- Quadruple-crossover
- RS-232 connection
- Multiroom audio
- High-current capability
- 192kHz/24-Bit DACs

Upscale video without an upscale price. The AVR 247 is our most affordable receiver that allows you to upscale incoming analog video signals to high-resolution 720p output or select two HDMI inputs for audio processing, all with a Simplay HD™-verified, single-wire connection to an HDMI-equipped display. And the sound? Pure Harman Kardon® audio, with the clarity possible only with EzSet/EQ technology and our high-current, ultrawide bandwidth amplifier design.

Key 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
- Dimensions (H x W x D) and weight: 165mm x 440mm x 382mm, 13.6kg

Depth measurement includes table stand, knobs, buttons and terminal connections, unless stated otherwise; height measurement includes feet and chassis, unless stated otherwise.

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Features

Power

- 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

Surround Processing

- Dolby® Digital surround decoding using advanced Cirrus Logic® CS 49510 32-Bit DSP processor
- Full suite of DTS® modes, including DTS-ES 6.1 Discrete & Matrix, DTS Neo:6® and DTS 96/24®
- Dolby Pro Logic IIx (Movie, Music and Game modes) surround sound
- Harman-exclusive Logic 7 Cinema and Music surround sound processing in 5.1 and 7.1 channels
- Dolby Headphone and Dolby Virtual Speaker surround modes
- Five- and Seven-channel Stereo, Hall and Theater surround modes
- 192kHz/24-Bit DACs

Connectivity

- Two HDMI inputs and one HDMI output, Simplay HD-verified
- Two assignable, wide-bandwidth (100MHz), HDTV-ready component video inputs and one output
- Connects to Harman Kardon's The Bridge for iPod playback, control and charging
- Subwoofer output for direct connection to a powered subwoofer
- Five A/V inputs with S-video, plus two audio-only inputs
- Eight-channel-direct inputs for use with external surround decoders
- 7.1 Preamp outputs 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 (one coax and one optical rear panel)
- RS-232 port for firmware upgrades

Ease of Use

- HDMI 1.1 with audio processing and Faroudja video processing with upscaling to 720p
- A/V Sync Delay adjustable for each input
- EzSet/EQ for quick and accurate system setup
- FM stereo/FM/AM tuner with 30 presets and direct-access tuning
- Quadruple-crossover bass manager
- Wide range of low-frequency crossover points (40Hz, 60Hz, 80Hz, 100Hz, 120Hz and 200Hz) available
- Improved, text-based On-screen display
- Programmable power-up volume
- Eight-device, preprogrammed system remote control

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Features, specifications and appearance are subject to change without notice.



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