

AVR 160

7.1-channel A/V receiver with HDMI™ repeater

harman/kardon®
Designed to Entertain.™

Specifications



■ The Harman Kardon® AVR 160

is the perfect addition for budget-conscious home theater enthusiasts looking for access to the latest audio features and the flexibility of separate components. The receiver allows non-audiophile consumers to add high-quality audio to new, high-definition video sources such as Blu-ray Disc™ technology.

■ Highlights

- Dolby® TrueHD decoding
- Logic 7® (5.1 and 7.1) processing
- DTS-HD Master Audio™ decoding
- HDMI™ repeater
- EzSet/EQ™ equalization
- HDTV-ready
- Component-video inputs
- Quadruple-crossover bass manager
- High-current capability
- 192kHz/24-bit DACs

■ Key Specifications

- Audio section – continuous average power (FTC), (stereo mode): 50 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD, both channels driven; (seven-channel surround-sound mode): 110 watts per channel into 6 ohms @ 1kHz, <0.1% THD, one channel driven; 35 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD, all channels driven; high instantaneous current capability (HCC): ±25 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, 10.5kg

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

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■ Features

Power

- 110W x 7 into 6 ohms, 1kHz, at <0.1% THD, one channel driven
- 35W x 7 into 8 ohms, 20Hz – 20kHz, at <0.07% THD, with all channels driven simultaneously
- High-current (± 25 amps), ultrawide-bandwidth (10Hz – 100kHz) amplifier design

Surround-Sound Processing

- Full suite of Dolby surround-sound decoding, including Dolby TrueHD and Dolby Digital Plus using an advanced Cirrus Logic® CS 49700 32-bit DSP processor
- Full suite of DTS® modes, including DTS-HD™, DTS-HD Master Audio, 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 Movie, Music and Game surround-sound processing in 5.1 and 7.1 channels
- Headphone and Virtual Speaker surround-sound modes
- Five- and seven-channel Stereo, Hall and Theater surround-sound modes
- 192kHz/24-bit DACs

Connectivity

- Three HDMI inputs and one HDMI output with 12-bit Deep Color and xvYCC pass-through
- Two assignable, wide-bandwidth (50MHz), HDTV-ready component-video inputs and one output
- Subwoofer output for direct connection to a powered subwoofer
- Four A/V inputs, plus two audio-only inputs
- Eight-channel direct inputs for use with external surround-sound decoders
- Convenient front-panel audio/video input 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)
- One coaxial digital output on rear panel
- USB port for firmware upgrades
- Auxiliary input for connecting portable media players

Ease of Use

- HDMI with audio processing and 1080p loop-through
- Adjustable A/V sync delay
- EzSet/EQ equalization for quick and accurate system setup
- FM stereo/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
- On-screen interface via composite-video output
- Programmable power-up volume
- Seven-device, preprogrammed system remote control

H Harman International

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Features, specifications and appearance are subject to change without notice. Part No. AVR160/23004/09

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