

# / AVR 254

7 x 50W 7.1-Channel A/V receiver with HDMI™ 1.3a repeater, audio/video processing and upscaling to 1080p



## Highlights

- Dolby® TrueHD decoding
- DTS-HD Master Audio™ decoding
- Logic 7® (5.1 and 7.1) processing
- HDMI™ 1.3a with Deep Color
- Faroudja DCDi Cinema® video processing with upscaling to 1080p
- EzSet/EQ™ equalization
- HDTV-ready
- XM Ready® tuner
- Component video inputs
- Quadruple-crossover bass manager
- Multiroom audio
- High-current capability
- 192kHz/24-Bit DACs

The Harman Kardon® AVR 254 is the most affordable Harman Kardon receiver to feature both Dolby TrueHD and DTS-HD Master Audio decoding on the audio side, and Faroudja DCDi Cinema video processing to 1080p on the video side. But there's plenty more to recommend the AVR 254, including three HDMI inputs, connections for external amplifiers, EzSet/EQ technology to fine-tune your system to the acoustics of your room, and an RS-232 port for future firmware upgrades. Perhaps the highest recommendation of all? As do all Harman Kardon A/V receivers, the AVR 254 features a high-current, ultrawide-bandwidth design for maximum fidelity.

## 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
- Dimensions (H x W x D) and weight: 6-1/2" x 17-5/16" x 15" (165mm x 440mm x 382mm), 27.7 lb (12.6kg)

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

- 50W x 7 into 8 ohms, 20Hz – 20kHz, at <0.07% THD, with all channels driven simultaneously
- High-current ( $\pm 35$  amps), ultrawide-bandwidth (10Hz – 100kHz) amplifier design

### Surround Processing

- Advanced dual-core Cirrus Logic® CS 49700 32-bit DSP processor
- Full suite of Dolby surround decoding, including Dolby TrueHD and Dolby Digital Plus
- 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
- Dolby Headphone and Dolby Virtual Speaker surround modes
- Five- and seven-channel Stereo surround modes
- 192kHz/24-Bit DACs

### Connectivity

- Three HDMI 1.3a with Deep Color inputs and one HDMI output
- Two assignable, wide-bandwidth (100MHz), HDTV-ready component video inputs and one output
- Subwoofer output for direct connection to a powered subwoofer
- Four 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
- XM Ready tuner
- 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)
- One coaxial digital output on rear panel
- RS-232 port for firmware upgrades
- IR remote extension jacks for system control
- Auxiliary input for connecting iPod and other portable media players

### Ease of Use

- HDMI 1.3a with Deep Color and Faroudja DCDi Cinema video processing with upscaling to 1080p
- Lip Sync Delay adjustable for each input
- 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
- Full-color, high-definition, graphical on-screen interface, including HDMI and component video
- Programmable power-up volume
- Multiroom audio
- Surround back amplifier channels configurable for use as second-zone amplification
- Seven-device, programmable system remote control

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All features and specifications are subject to change without notice.

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