

# / AVR 7550HD

7 x 110W 7.2-Channel A/V receiver with HDMI™ V1.3a repeater, audio/video processing and upscaling to 1080p



Home Solutions

## Highlights

- Dolby® TrueHD processing
- DTS-HD Master Audio™ processing
- Dolby Volume technology
- Logic 7® (5.1 and 7.1) processing
- HDMI™ V1.3a with Deep Color
- Faroudja DCDi Cinema™ video processing with upscaling to 1080p
- Includes The Bridge II™ docking station for A/V playback, control and charging of iPod
- EzSet/EQ™ II equalization
- HDTV-ready
- Internet radio
- XM Ready® tuner
- Component video inputs
- USB input
- Quadruple-crossover bass manager
- RS-232 control connection
- Multiroom audio and video
- High-current capability
- 192kHz/24-Bit DACs

Harman Kardon® A/V receivers are renowned for their power, performance and ease of use, and the AVR 7550HD will only enhance that reputation. Among the first receivers to offer Dolby Volume technology, which automatically adjusts volume levels when switching between sources and channels, the AVR 7550HD delivers 110 watts of power to each of the seven channels, plus two subwoofer outputs. It accepts a universe of inputs, including HDMI, component, S-video, USB and broadband Internet, as well as The Bridge II docking station (included) for iPod A/V playback, control and charging. Every Dolby and DTS® technology is here, as is Faroudja DCDi Cinema and our exclusive Logic 7 processing. Zone II remote, Zone II OSD and A-BUS® technologies work together to greatly simplify multiroom A/V applications. And the EzSet/EQ II system fine-tunes system performance to the acoustic needs of your space in just a few easy steps. If there's something the AVR 7550HD cannot do, it probably shouldn't be done.

## Key Specifications

- Audio Section – Continuous Average Power (FTC), (seven-channel surround mode): 110 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD; High Instantaneous Current Capability (HCC): ±60 amps
- Dimensions (H x W x D) and weight: 6-1/2" x 17-5/16" x 16-1/2" (165mm x 440mm x 420mm), 52 lb (23.6kg)

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

**harman/kardon®**  
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7x 110W 7.2-Channel A/V receiver with HDMI™ V1.3a repeater; audio/video processing and upscaling to 1080p

## Features

### Power

- 110W x 7 into 8 ohms, 20Hz – 20kHz, at <0.07% THD
- High-current ( $\pm 60$  amps), ultrawide-bandwidth (10Hz – 100kHz) amplifier design

### Surround Processing

- Advanced Texas Instruments™ (TI™) Aureus DA710 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 Volume technology
- 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 modes
- 192kHz/24-Bit DACs
- Compressed music tools improve playback quality of any compressed audio stream of Internet radio

### Connectivity

- Four HDMI V1.3a with Deep Color inputs and one HDMI output
- Three assignable, wide-bandwidth (100MHz), HDTV-ready component video inputs and one output
- Includes the Harman Kardon-engineered The Bridge II docking station for playback, control and charging of iPod
- Two subwoofer outputs for direct connection to powered subwoofers
- Three A/V inputs with S-video, plus three audio-only inputs
- Eight-channel-direct inputs for use with external surround decoders
- 7.2 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
- Eight digital inputs (three optical and three coaxial on rear panel, and one optical and one coaxial on front panel)
- Two digital outputs (one optical and one coaxial on rear panel)
- RS-232 port for system control
- Firmware upgrades via USB
- One USB input for playback of audio and JPEG image files from external memory devices
- Ethernet network connection for Internet radio

### Ease of Use

- HDMI V1.3a with Deep Color and Faroudja DCDi Cinema video processing with upscaling to 1080p
- Lip Sync Delay adjustable for each input
- EzSet/EQ II equalization for quick and accurate system setup
- Internet radio and 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
- Full-color, high-definition, graphical on-screen interface, including HDMI and component video
- Programmable power-up volume
- Multiroom audio and video with Zone II remote control and Zone II OSD, A-BUS/READY™
- Surround back amplifier channels configurable for use as second-zone amplification
- Detachable IEC power cord
- Eight-device, backlit, preprogrammed and learning system remote control

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

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