

7.1 channels

Dolby Pro Logic II

**Logic 7**

VMAx

HDCD®

EzSet **MP3 decoding**

HDTV-ready component video

**DTS-ES® Extended  
Surround**

multiroom capability

**high-current capability**

192kHz/24-bit DACs



#### AUDIO/VIDEO RECEIVER WITH DOLBY\* DIGITAL AND DTS-ES® EXTENDED SURROUND

*Absolute power entertains absolutely. Consider the Harman Kardon AVR 7500. With a 5 x 100-watt, high-current, ultrawide-bandwidth amplifier design, it can effortlessly deliver the full dynamic range of today's digital program sources to even the most demanding speakers. It handles Dolby Digital, DTS-ES Extended Surround, Dolby Pro Logic\* II and HDCD® decoding, as well as Logic 7® and VMAx® virtual surround sound processing and MP3 playback from compatible computer-based audio sources. It's elegantly intuitive, with on-screen menus and our exclusive EzSet™ remote, which automatically sets the system's output levels, as well as offering programmable or learning control of up to eight system components. Inputs for multiple music and video sources and outputs that can direct both audio and video to separate rooms simultaneously complete these powerful AVR 7500 specifications.*

# AVR 7500

## Specifications

- Audio Section – Continuous Average Power (FTC): (Stereo Mode): 110 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD, both channels driven; (Five-Channel Surround Mode): 100 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD, all channels driven; High Instantaneous Current Capability (HCC):  $\pm 75$  amps
- Tuner – Usable Sensitivity: IHF 1.3 $\mu$ V/13.2dBf; THD at 1kHz with 100% Modulation: (Mono) 0.2%, (Stereo) 0.3%; FM Adjacent Channel Selectivity:  $\pm 400$ kHz, 65dB; Ultimate (Maximum) S/N Ratio (Measured at 1mV RF Input Level): (Mono) 70dB, (Stereo) 68dB
- General – Dimensions (H x W x D): 193mm x 440mm x 519mm; Weight: 22.3kg

NOTE: Depth measurement includes knobs, buttons and terminal connections; height measurement includes feet and chassis.

## Features

- 100W x 5 Into 8 Ohms, 20Hz – 20kHz at <0.07% THD, With All Channels Driven Simultaneously
- High-Current ( $\pm 75$  Amps), Ultrawide-Bandwidth (10Hz – 100kHz) Amplifier Design Effortlessly Powers the Most Dynamic Digital Sources
- Dual, Matched Pairs of Discrete Output Devices for Each Channel
- Massive Toroidal Power Transformer
- Dual Amplifier Power Supplies, One for Drivers and One for Outputs
- Backlit EzSet Remote Provides Manual and Automatic Calibration of Audio Output Levels, and Is Programmable to Control up to Eight Devices From Built-In Codes or Using Learning Capability
- Dolby Digital and DTS-ES Extended Surround Sound Processing Using Advanced Twin 24-Bit Core Crystal<sup>®</sup> DSP Engine
- 192kHz/24-Bit DACs
- Wide Bandwidth, HDTV-Ready Component Video Inputs and Outputs
- Dolby Pro Logic II (Movies, Music and Emulation Modes) Surround Sound is Compatible With Older Stereo Material But Delivers Detail That Approaches Digital 5.1 Formats
- 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 Sound and Stereo Recordings
- VMaX Virtual Surround Sound Provides Home Theater Experience Using Only Two Loudspeakers
- HDCD Decoding for More Realistic Reproduction of HDCD Compact Discs and Enhanced Playback of Non-HDCD Discs
- 5- and 7-Channel Stereo, Hall and Theater Surround-Sound Modes

- MP3 Decoding Through Coaxial or Optical Digital (S/P-DIF) Inputs Enables Playback of Hours of Music From a Compatible Computer
- 8-Channel Direct Inputs for Use With External Surround Decoders
- 7.1 Preamp Outputs and Main Amp Inputs for Use With External Equalizers or Power Amplifiers
- FM Stereo/FM/AM Tuner With 30 Presets and Direct-Access Tuning
- Five A/V Inputs with S-Video and Four Audio Inputs
- Convenient Front-Panel Audio/Video Input With S-Video Is Switchable to an Output for Use With Video Games or Portable Recorders
- Six Digital Inputs (Two Optical and Two Coaxial on Rear Panel, and One Optical and One Coaxial on Front Panel)
- Three Digital Outputs (1 Coax and 1 Optical Rear Panel, 1 Coax Front Panel Switchable to an Input or Output)
- Advanced On-Screen Menu System for Easy Setup and Operation
- Programmable Power-Up Volume Level
- Multiroom/Multisource System for Audio and Video Allows Users in Separate Rooms to Listen to Different Sources Simultaneously; Includes Separate Remote Control for Multiroom Operation, or Simplified Operation in Main Room
- Rotary Bass, Treble and Balance Controls

*All features and specifications are subject to change without notice.*

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