



AVR 510

AUDIO/VIDEO RECEIVER
WITH DOLBY* DIGITAL AND DTS®

Allow us to use superlatives. By every measure of excellence, the Harman Kardon AVR 510 commands them. It's extremely powerful, with a 5 x 70-watt, high-current, ultrawide-bandwidth amplifier design. It's supremely capable, with Dolby Digital, DTS 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. And it's ingeniously versatile, with component video switching and multiroom/multisource audio capability. The AVR 510 provides superior performance for serious digital entertainment at home.

harman/kardon®
Power for the Digital Revolution.™

dolby digital
192kHz/24-bit DACs

Logic 7
DTS

front-panel inputs

multiroom capability

VMAX

ultrawide bandwidth

component video

MP3 decoding

EzSet

high-current capability

HDCD



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Specifications

- Audio Section – Continuous Average Power (FTC): (Stereo Mode) 80 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD, both channels driven; (Five-Channel Surround Mode): 70 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD, all channels driven; High Instantaneous Current Capability (HCC): ±45 amps
- Tuner – Usable Sensitivity: IHF 1.3µV/13.2dB; 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
- General – Dimensions (H x W x D): 6-1/2" x 17-5/16" x 17-1/8" (165mm x 440mm x 435mm); Weight: 35 lb (15.9kg)

[NOTE: Depth measurement includes knobs, buttons and terminal connections; height measurement includes feet and chassis.] All features and specifications are subject to change without notice.

Features

70W x 5 Into 8 Ohms, 20Hz – 20kHz, at <0.07% THD, With All Channels Driven Simultaneously • High-Current (±45 Amps), Ultrawide-Bandwidth (10Hz – 100kHz) Amplifier Design Effortlessly Powers the Most Dynamic Digital Sources • 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 Decoding Using Advanced Crystal® Chip Digital Engine • 192kHz/24-Bit DACs • Component Video Inputs

and Outputs • Logic 7 Cinema and Music Surround Sound Processing for Superior Soundstage Imaging and Playback of Both Surround-Encoded and Stereo Recordings • Two Modes of VMAX Virtual Surround Sound Deliver the Home Theater Experience With Only Two Speakers • HDCD Decoding for More Realistic Reproduction of HDCD Compact Discs and Enhanced Playback of Non-HDCD Discs • 5-Channel Stereo, Dolby Pro Logic*, Hall and Theater Surround-Sound Modes • MP3 Decoding Through Coaxial or Optical Digital (S/P-DIF) Inputs Enables Playback of Hours of Music From an MP3-Capable Computer • FM Stereo/FM/AM Tuner With 30 Presets and Direct-Access Tuning • Subwoofer Output for Direct Connection to Powered Subwoofer • Five A/V and Four Audio Inputs • 6-Channel Direct Inputs for Use With External Surround Decoders • Preamp Outputs and Main Inputs for All Channels Allow the Use of External Amplifiers or Equalizers • 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) • On-Screen Display • Multiroom/Multisource Audio Allows Users in Separate Rooms to Listen to Different Sources Simultaneously; Includes Separate Zone II Remote Control for Multiroom Operation, or Simplified Operation in Main Room

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