



AVR 8000

7.1-CHANNEL AUDIO/VIDEO RECEIVER
WITH THX® ULTRA, THX SURROUND EX™,
DOLBY* DIGITAL, LOGIC 7® AND DTS-ES®
EXTENDED SURROUND

Home-theater, supercharged. The Harman Kardon AVR 8000 employs dual Crystal® DSP processors to bring a new level of realism to movie soundtracks with THX Ultra, Surround EX, Logic 7/7.1, DTS-ES Discrete 6.1, Dolby Digital and Dolby Pro Logic* II decoding, to name just a few. And with a 110-watt x 5, high-current, ultrawide-bandwidth amplifier design and 7.1-channel processing capability, the AVR 8000 handles even the most demanding source material without breaking a sweat. Equipped for MP3 playback from your computer,† HDCD® decoding, EzSet™ automatic speaker calibration and simultaneous multiroom/multi-source audio and video, the AVR 8000 is the ultrapowerful, ultra-capable pinnacle of the Harman Kardon line.

harman/kardon®
Power for the Digital Revolution.™

HDTV-ready component video
Surround EX
7.1 channels

Logic 7



fully color-coded rear panels

MP3 decoding

EzSet VMAX



DTS-ES 6.1 Discrete & Matrix Surround

multiroom audio/video capability

THX Ultra

Dolby Pro Logic II





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Specifications

- Audio Section – Continuous Average Power (FTC): (Stereo Mode): 125 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD, both channels driven; (Five-Channel Surround Mode): 110 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD, all channels driven; High Instantaneous Current Capability (HCC): ±85 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, 65dB; Ultimate (Maximum) S/N Ratio (Measured at 1mV RF Input Level): (Mono) 70dB, (Stereo) 68dB
- General – Dimensions (H x W x D): 7-5/8" x 17-5/16" x 20-7/16" (193mm x 440mm x 519mm); Weight: 49 lb (22.3kg)

[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

110W x 5 Into 8 Ohms, 20Hz – 20kHz at <0.07% THD, With All Channels Driven Simultaneously • High-Current (±85 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 • High-Grade, Gold-Plated, Binding-Post Speaker Terminals • IEC Detachable Power Cord • 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 • THX Ultra-Certified • Surround EX, Dolby Digital and DTS-ES 6.1 Discrete and Matrix Surround and DTS Neo:6® Decoding Using Dual, 24-Bit, Twin-Core Crystal DSP Engines • High-Resolution, Ultralow-Noise, 192kHz/24-Bit DACs • Wide-Bandwidth, HDTV-Ready Component Video Switching • Dolby Pro Logic II (Movies, Music and Emulation Modes) Surround Sound Is Compatible With Surround-Encoded or 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 DSP 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, Such as the Harman Kardon PA 2000 and PA 4000 • FM Stereo/FM/AM Tuner With 30 Presets and Direct-Access Tuning • Five AV Inputs With S-Video and Four Audio Inputs • Front-Panel Audio/Video Input With S-Video Is Switchable to an Output for Use With Video Games or Portable Recorders • Eight Digital Inputs (Three Optical and Three Coaxial on Rear Panel, and One Optical and One Coaxial on Front Panel) • Four Digital Outputs (One Coax and One Optical Rear Panel, One Coax and One Optical Front Panel) • On-Screen Menu System • Fully Color-Coded Rear-Panel Connections Conform to CEA Standards for Simplified Installation • Programmable Power-Up Volume Level • Multiroom/Multisource System for Audio and Video Allows Users in Separate Rooms to Listen to Different Digital or Analog Sources Simultaneously • Includes Separate Remote Control for Multiroom Operation, or Simplified Operation in Main Room

harman/kardon®
Power for the Digital Revolution.™

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† MP3 playback requires a compatible S/P-DIF signal, or an optional transcoder such as the Harman Kardon DAL 150.