



## AVR 520

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

Allow us to use superlatives. By every measure of excellence, the Harman Kardon AVR 520 commands them. It's extremely powerful, with a 5 x 75-watt, high-current, ultrawide-bandwidth amplifier design. It's supremely capable, with Dolby Digital and Dolby Pro Logic\* II, three DTS® modes and HDCD® decoding, as well as four modes of Logic 7 and two modes of VMaX® virtual surround sound processing, and MP3 playback from compatible computer-based audio sources.† It's elegantly intuitive, with on-screen menus, fully color-coded rear-panel connections, 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 HDTV-ready component video switching and multiroom/multisource audio capability. The AVR 520 provides superior performance for serious digital entertainment at home.

**harman/kardon®**  
Power for the Digital Revolution.™

7.1 channels  
fully color-coded rear panels

Logic 7  
HDCD

DTS-ES 6.1 Discrete & Matrix Surround

multiroom capability

VMaX

HDTV-ready component video

MP3 decoding

EzSet

high-current capability

Dolby Pro Logic II





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### Specifications

- Audio Section – Continuous Average Power (FTC): (Stereo Mode) 85 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD, both channels driven; (Five-Channel Surround Mode): 75 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/13.2dBf; 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

75W 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 • Dual Power Supplies Independently Drive Front and Rear Channels • Backlit **ExSet** 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 6.1 Discrete and Matrix Surround and DTS Neo:6® Decoding Using Advanced, 24-Bit, Twin-Core Crystal® Chip Digital Engine •

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-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- 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† • FM Stereo/FM/AM Tuner With 30 Presets and Direct-Access Tuning • Subwoofer Output for Direct Connection to Powered Subwoofer • Five AV Inputs With S-Video and Four Audio Inputs • 8-Channel Direct Inputs for Use With External Surround Decoders • 7.1 Preamp Outputs and Main Inputs for All Channels Allow the Use of External Equalizers or Amplifiers, Such as the Harman Kardon PA 2000 and PA 4000 • 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 (One Coax and One Optical Rear Panel, One Coax Front Panel Switchable to an Input or Output) • On-Screen Display • Fully Color-Coded Rear-Panel Connections Conform to CEA Standards for Simplified Installation • 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 • Programmable Power-Up Volume • Rotary Bass, Treble and Balance Controls

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250 Crossways Park Drive  
Woodbury, NY 11797  
800-422-8027 FAX 516-682-3523  
www.harmankardon.com

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