

# DTS

Dolby Pro Logic II

# Logic 7

VMAx

ultrawide bandwidth

# Dolby Digital

high-current capability

192kHz/24-bit DACs



## AUDIO/VIDEO RECEIVER WITH DOLBY\* DIGITAL AND DTS®

*Redefining Dolby Digital/DTS Receiver value. In addition to Dolby® Digital, Dolby Pro Logic® II and DTS® surround decoding, this AVR 2550 has Harman Kardon's exclusive Logic 7® and VMAx® decoding. The AVR 2550's output power of 45 watts per channel in surround mode backed up by a high-current capability of ±25 amps can make your living room sound and feel just like a movie theater. For analog fans, an all-new Stereo bypass mode uses a fully analog path from source to output stage that preserves all of the subtleties of the original recording. And setup is simpler than ever with color-coded rear-panel connections that conform to the new CEA standard. The AVR 2550 - classic Harman Kardon performance in an affordable, feature-filled package.*

# AVR 2550

## Specifications

- Audio Section – Continuous Average Power (FTC): (Stereo Mode): 50 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD, both channels driven; (Five-Channel Surround Mode): 40 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD, all channels driven; High Instantaneous Current Capability (HCC): ±25 amps
- Tuner – Usable Sensitivity: IHF 1.3µV/13.2dB; THD at 1kHz with 100% Modulation: (Mono) 0.15%, (Stereo) 0.3%; FM Adjacent Channel Selectivity: ±300kHz, 65dB; Ultimate (Maximum) S/N Ratio (measured at 1mV RF Input Level): (Mono) 70dB, (Stereo) 65dB
- General – Dimensions (H x W x D): 165mm x 440mm x 365mm; Weight: 10.8kg

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

## Features

- 40W x 5 Into 8 Ohms, 20Hz – 20kHz at <0.07% THD, With All Channels Driven Simultaneously
- High-Current (±25 Amps), Ultrawide-Bandwidth (10Hz – 100kHz) Amplifier Design Effortlessly Powers the Most Dynamic Digital Sources
- Dolby Digital and DTS Decoding Using Advanced Twin 24-Bit Core Crystal® Chip Digital Engine
- 192kHz/24-Bit Output DACs
- 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 for Superior Soundstage Imaging and Playback of Both Surround-Encoded and Stereo Recordings
- Two Modes of VMaX Virtual Surround Deliver the Home Theater Experience With Only Two Speakers
- 5-Channel Stereo, Hall and Theater Surround Sound Modes
- FM Stereo/FM/AM Tuner With 30 Presets and Direct-Access Tuning
- Subwoofer Output for Direct Connection to Powered Subwoofer
- Three A/V Inputs with S-Video and Two Audio Inputs
- Four Digital Rear Panel Inputs (Two Optical and Two Coaxial)
- Two Digital Rear Panel Outputs (One Optical and One Coaxial)
- Programmable Power-Up Volume
- Rotary Bass, Treble and Balance Controls
- Six-Device, Programmable Universal Remote

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

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