/ AVR 142

5.1-Channel A/V receiver with HDMI™ switching



Highlights

- Dolby® Pro Logic® II processing
- Logic 7® (5.1) processing
- DTS® 5.1 processing
- HDMI™ switching
- HDTV-ready
- Component video inputs
- Triple-crossover bass manager
- High-current capability
- 192kHz/24-Bit DAC

The AVR 142 is all about getting connected – digitally. It features three HDMI™ inputs, two wide-bandwidth HDTV-ready component video inputs, a front-panel input for video games, an auxiliary input for portable media players, and a portfolio of advanced surround-processing technologies, including Dolby® Digital, DTS® and Logic 7® processing. With the AVR 142, your speakers never heard it so good!

Key Specifications

- Audio Section – Continuous Average Power (FTC), (stereo mode): 40 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD, both channels driven; (five-channel surround mode): 70 watts per channel into 6 ohms @ 1kHz, <0.07% THD, one channel driven; 35 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/13.2dBf; 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
- Dimensions (H x W x D) and weight: 165mm x 440mm x 382mm, 10.9kg

Depth measurement includes knobs, buttons and terminal connections, unless stated otherwise; height measurement includes feet and chassis, unless stated otherwise.

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Features

Power

- 70W x 5 into 6 ohms, 1kHz, at <0.07% THD, one channel driven
- 35W 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

Surround Processing

- Dolby Digital surround decoding using an advanced Cirrus Logic® CS 49510 32-bit DSP processor
- Full suite of DTS modes
- DTS 5.1 (Movie, Music and Game modes) surround sound
- Harman-exclusive Logic 7 Cinema and Music surround sound processing in 5.1 channels
- Dolby Headphone and Dolby Virtual Speaker surround modes
- Five-channel Stereo, Hall and Theater surround modes
- 192kHz/24-Bit DAC

Connectivity

- Three HDMI inputs and one HDMI output
- Two assignable, wide-bandwidth (100MHz), HDTV-ready component video inputs and one output
- Subwoofer output for direct connection to a powered subwoofer
- Three A/V inputs, plus two audio-only inputs
- Six-channel-direct inputs for use with external surround decoders
- Convenient front-panel audio/video input for use with video games or portable players
- Six digital inputs (two optical and two coaxial on rear panel, and one optical and one coaxial on front panel)
- One coaxial digital output on rear panel
- Front-panel auxiliary input for connecting portable media players

Ease of Use

- HDMI switching
- A/V Sync Delay adjustable for each input
- FM stereo/AM tuner with 30 presets and direct-access tuning
- Triple-crossover bass manager
- Wide range of low-frequency crossover points (40Hz, 60Hz, 80Hz, 100Hz, 120Hz and 200Hz) available
- Programmable power-up volume
- Six-device, preprogrammed system remote control

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Features, specifications and appearance are subject to change without notice. Part No. AVR142/2302/09

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