AVR 660

7 x 75W 7.1-channel A/V receiver with HDMI™ 1.3a repeater, audio/video processing and upscaling to 1080p

Specifications

SERVER / COAX 4
LOGIC 7 5CH CI

harman/kardon

▌ Harman Kardon® AVR 660

With Dolby® Volume technology that automatically adjusts volume levels when you switch between sources and channels, four HDMI™ inputs, Faroudja DCDi Cinema™ video processing, all the latest Dolby and DTS® audio modes, our own Logic 7® sound processing, our EzSet/EQ™ system for precise room calibration, and both USB and iPod connectivity, the AVR 660 is an unusually versatile performer, and its full-color graphical interface makes it an exceptionally friendly one. The AVR 660 easily enables multizone audio setups. It automatically corrects annoying "lip sync" problems with both HDMI Lip Sync capability and manual A/V Sync Delay. Front-panel A/V inputs make video gaming more convenient (not to mention more exciting). And an eight-device learning and programmable remote puts all of the AVR 660's capabilities at your fingertips.

▌ Key Specifications

- Audio section – continuous average power (FTC), (stereo mode): 85 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD, both channels driven; (seven-channel surround mode): 75 watts per channel into 8 ohms @ 20Hz – 20kHz, <0.07% THD, all channels driven; high instantaneous-current capability (HCC): ±50 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 420mm, 18.6kg

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

▌ Highlights

Dolby TrueHD processing
Logic 7 (5.1 and 7.1) processing
Dolby Volume technology
DTS-HD Master Audio™ processing
HDMI repeater with 1080p upscaling
Faroudja DCDi Cinema video processing
EzSet/EQ II equalization
iPod-ready
HDTV-ready
Component-video inputs
Quadruple-crossover bass manager
RS-232 control connection
Multiroom audio
High current capability
192kHz/24-bit DACs
USB input
Internet radio

harman/kardon®
Designed to Entertain™

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▉ Features

Power

- 75W x 7 into 8 ohms, 20Hz – 20kHz, at <0.07% THD, with all channels driven simultaneously
- High-current (±50 amps), ultrawide-bandwidth (10Hz – 100kHz) amplifier design

Surround-Sound Processing

- Full suite of Dolby surround decoding, including Dolby Digital Plus and Dolby TrueHD using two advanced TI™ DA 710 32-bit digital signal processors (DSPs)
- Full suite of DTS modes, including DTS-HD, DTS-HD Master Audio, DTS-ES® 6.1 Discrete and Matrix, DTS Neo:6 and DTS 96/24
- Dolby Volume technology
- Dolby Pro Logic® IIx (Movie, Music and Game modes) surround sound
- Harman-exclusive Logic 7 Cinema and Music surround-sound processing in 5.1 and 7.1 channels
- Dolby Headphone and Dolby Virtual Speaker surround-sound modes
- Five- and seven-channel Stereo, Hall and Theater surround-sound modes
- 192kHz/24-bit DACs
- Compressed music tools improve playback quality of any compressed audio stream or Internet radio transmission

Connectivity

- Four HDMI 1.3a inputs and one HDMI output with 12-bit Deep Color and xvYCC pass-through
- Three assignable, wide-bandwidth (100MHz), HDTV-ready component video inputs and one output
- Connects to the Harman Kardon®-engineered The Bridge II docking station for iPod and iPhone playback, control and charging

▉H Harman International

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- Two subwoofer outputs for direct connection to powered subwoofers
- Three A/V inputs with S-Video, plus three audio-only inputs
- Eight-channel-direct inputs for use with external surround decoders
- 7.1 preamp outputs for external amplifiers
- Convenient front-panel audio/video input with S-Video for use with video games or portable players
- Eight digital inputs (three optical and three coaxial on rear panel, and one optical and one coaxial on front panel)
- Two digital outputs (one optical and one coaxial) on rear panel
- RS-232 port for system control
- Firmware upgrades via USB
- One USB input for playback of audio and JPEG image files from external memory devices
- Ethernet network connection for Internet radio

Ease of Use

- HDMI 1.3a with audio processing and Faroudja DCDi Cinema video processing with upscaling to 1080p
- A/V Sync Delay adjustable for each input
- EzSet/EQ II equalization for quick and accurate system setup
- Internet radio and FM stereo/FM/AM tuner with 30 presets and direct-access tuning
- Quadruple-crossover bass manager
- Wide range of low-frequency crossover points (40Hz, 60Hz, 80Hz, 100Hz, 120Hz and 200Hz) available
- Full-color, high-definition, graphical on-screen interface, including HDMI and component video
- Programmable power-up volume
- Multiroom audio and video with Zone II remote control and Zone II OSD (on-screen display), A-BUS/READY
- Surround back amplifier channels confi gurable for use as second-zone amplification
- Detachable IEC power cord
- Eight-device, backlit, preprogrammed and learning system remote control

EAN Code AVR660/230: 0282925064064