

AVR 156

harman/kardon®
by HARMAN

5.1-channel, 70-watt audio/video receiver with HDMI® v.1.4a for 3-D

Specifications



■ Harman Kardon AVR 156

As a multitasking A/V receiver for budget-conscious film and music lovers, the Harman Kardon AVR 156 is a more than capable way to take your home entertainment to the next level. With all the latest Dolby® and DTS® audio modes and HDMI® v.1.4 with 3-D and Deep Colour, the AVR 156 lets you experience the next dimension in TV viewing – while Harman Kardon Logic 7® processing supplies you with an exhilarating, 5.1-channel, 360-degree soundstage for movies, TV shows and games. And with three HDMI inputs and extensive video and audio connectivity, the AVR 156 also grants you the flexibility to add a Blu-ray Disc™ player and surround-sound speaker system to the mix. Overall, the AVR 156 is a great starting-off point if you want a gratifying home theatre system.

■ Highlights

- HDMI v.1.4 with 3-D and Deep Colour
- Powers an entire 5.1-channel surround-sound system
- 70 watts of power per channel
- Dolby TrueHD and DTS-HD Master Audio™ decoding
- Logic 7 processing
- Surround-sound decoding
- Extensive audio connectivity
- Colour-coded binding-post speaker connectors
- Multidevice, programmable IR remote control
- FM/AM tuner with RDS

■ Key Features

Power/Technology

- Powers a 5.1-channel surround-sound system
- 70 watts of power per channel
- High-current-capability (HCC), ultrawide-bandwidth amplifier design for accurate, dynamic sound and emotional impact
- HDMI v.1.4 with 3-D and Deep Colour for playing 3-D content such as movies, TV and sporting events
- Dolby TrueHD and DTS-HD Master Audio decoding for high-resolution sound that matches high-resolution video
- Logic 7 processing to turn conventional stereo sources into 5.1-channel surround sound
- FM/AM tuner with 30 station presets and Radio Data System (RDS) to display radio text information that radio stations broadcast
- Surround-sound decoding for all popular Dolby and DTS soundtracks
- Lip-sync adjustment to delay the audio signal to match the video signal
- Screen-saver function to prevent image burn-in on CRT and plasma displays

Connectivity

- Three HDMI inputs to provide extensive video connectivity
- One component and three composite video inputs
- Three digital audio inputs and six analogue audio inputs
- Front-panel analogue audio input for easy connection to portable sources
- Subwoofer pre-out for connecting to a powered subwoofer
- Colour-coded binding-post speaker connectors for secure connections and greater compatibility
- Headphone jack with HARMAN headphone surround mode for stereo headphones
- Subwoofer trigger output for compatible subwoofers
- Upgradeable firmware via USB port to keep receiver's performance up to date
- Detachable IEC power cord to make installation easier

Ease of Use

- On-screen display (OSD) makes setting up the receiver easy
- Multidevice, programmable IR remote so you can control your entire audio/video system with a single remote
- Two-line dot-matrix information display that lets you adjust the unit – without turning on the TV; great for listening to music

■ Key Specifications

Audio Section

- Stereo mode, continuous average power: 70 watts/channel, both channels driven @ 8 ohms, 1kHz, <0.9% THD
- Multichannel power: 5 x 70 watts/channel, two channels driven @ 8 ohms, 1kHz, <0.9% THD
- Bandwidth @ 1W (+0dB/-3dB): 10Hz – 100kHz
- Signal-to-noise ratio (IHF-A): 100dB
- High instantaneous-current capability (HCC): ±45 amps
- Transient intermodulation distortion (TIM): unmeasurable
- Slew rate: 40V/µsec

FM Tuner Section

- Frequency range: 87.5MHz – 108.0MHz
- Usable sensitivity (IHF): 1.3µV/13.2dBf
- Signal-to-noise ratio (mono/stereo): 70dB/65dB
- Distortion (mono/stereo): 0.15%/0.3%
- Stereo separation: 40dB @ 1kHz
- Selectivity (±400kHz): 70dB

AM Tuner Section

- Frequency range: 522kHz – 1620kHz
- Signal-to-noise ratio: 45dB
- Usable sensitivity (loop): 500µV
- Distortion (1kHz): 50%, mod 0.8%

Video Section

- Television format: PAL
- Input level/impedance: 1Vp-p/75 ohms
- Output level/impedance: 1Vp-p/75 ohms
- HDMI v.1.4 with 3-D and Deep Colour

General

- Power requirement: AC 230V/50Hz – 60Hz
- Power consumption: 65W idle, 540W maximum (5 channels driven)
- Dimensions: 440mm x 165mm x 382mm (17-5/16" x 6-1/2" x 15")
- Weight: 9.3kg (20.5 lb)