AVR 165

5.1-channel, 95-watt audio/video receiver with HDMI® v.1.4a with 3-D

Specifications



Harman Kardon AVR 165

As the perfect A/V receiver for budget-conscious film and music lovers, the Harman Kardon AVR 165 has an impressive list of features designed to take your home entertainment experience to the next level. With all the latest Dolby® and DTS® audio modes and HDMI® v.1.4a with 3-D, Deep Colour and Audio Return Channel, the AVR 165 lets you experience the next dimension in TV viewing – while Logic 7® processing creates an exhilarating 5.1-channel, 360-degree soundstage for your movies, TV shows and games. And with four HDMI inputs, extensive video and audio connectivity, and the ability to connect with The Bridge IIIP for iPod/iPhone playback, the AVR 165 gives you all the flexibility you need to configure a more than capable home theatre system.

Highlights

- Compatible with HDMI v.1.4a with 3-D, Deep Colour and Audio Return Channel
- Powers your entire 5.1-channel surround-sound system
- 95 watts of power per channel
- Dolby TrueHD and DTS-HD Master Audio™ decoding
- Logic 7 processing
- The Bridge IIIP connectivity
- EzSet/EQ™ technology
- Surround-sound decoding for all popular Dolby and DTS soundtracks
- Four HDMI inputs
- Extensive audio connectivity
- Colour-coded binding-post speaker connectors
- Multidevice, programmable remote
- FM/AM tuner with RDS to display radio text information

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harman/kardon® by HARMAN

Key Features

Power/Technology

- Powers a 5.1-channel surround-sound system
- 95 watts of power per channel
- High instantaneous-current capability (HCC), ultrawide-bandwidth amplifier design for accurate, dynamic sound and emotional impact
- HDMI v.1.4a with 3-D and Deep Colour for 3-D content such as movies, TV and sporting events
- HDMI Audio Return Channel sends TV sound back to the AVR, making for better quality, fewer connections and a system that's easier to use
- Dolby TrueHD and DTS-HD Master Audio decoding for high-resolution sound that matches high-resolution video
- Logic 7 processing turns 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
- EzSet/EQ capability automatically adjusts individual speaker volume levels, delay and equalisation
- Surround-sound decoding for all popular Dolby and DTS soundtracks
- Lip-sync adjustment delays the audio signal to match the video signal
- Screen-saver function prevents image burn-in on CRT and plasma displays

Connectivity

- Works with The Bridge IIIP (optional) to play entertainment from your iPod or iPhone device on your home entertainment system
- Four HDMI inputs provide extensive connectivity
- One component and three composite video inputs
- Three digital audio inputs and six analogue audio inputs
- Front-panel analogue audio input makes it easy to connect to portable sources
- Subwoofer pre-out allows for connection to a powered subwoofer
- Colour-coded binding-post speaker connectors for secure connections
- Headphone jack with HARMAN headphone surround mode for stereo headphones
- Subwoofer trigger output for compatible subwoofer
- Upgradeable firmware via USB port
- Detachable IEC power cord

Ease of Use

- On-screen display (OSD) makes setting up the receiver easy
- Multidevice, programmable remote controls your entire audio/video system
- Two-line dot-matrix information display lets you listen to music without turning on the TV
- 30 FM/AM radio station presets make it easy to find your favourite station

Key Specifications

Audio Section

- Stereo mode, continuous average power: 95 watts/channel, both channels driven @ 8 ohms, 20Hz – 20kHz, <0.7% THD
- Multichannel power: 5 x 95 watts/channel, two channels driven @ 8 ohms, 20Hz – 20kHz, <0.07% THD
- Bandwidth @ 1W (+0dB/3dB): 10Hz – 100kHz
- Signal-to-noise ratio (IHF-A): 100dB
- High instantaneous-current capability (HCC): ±50 amps

FM Tuner Section

- Frequency range: 87.5MHz – 108.0Mhz
- Usable sensitivity (IHF): 1.3µV/13.2dBf
- Signal-to-noise ratio (mono/stereo): 70dB/68dB
- Distortion (mono/stereo): 0.2%/0.3%
- Stereo separation: 40dB @ 1kHz
- Selectivity (±400kHz): 70dB

AM Tuner Section

- Frequency range: 520kHz – 1620kHz
- Signal-to-noise ratio: 45dB
- Usable sensitivity (loop): 500µV
- Distortion (1kHz): 50%, mod 0.8%

Video Section

- Television format: PAL
- HDMI v.1.4a with 3-D, Deep Colour and Audio Return Channel

General

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

HARMAN

HARMAN Consumer, Inc.
8500 Balboa Boulevard, Northridge, CA 91329 USA

www.harmankardon.com

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