

AVR 365

harman/kardon®
by HARMAN

7.1-channel, 100-watt audio/video receiver with HDMI® v.1.4a with 3-D, Deep Colour and Audio Return Channel

Specifications



■ Harman Kardon AVR 365

If you're looking for an AVR packed with next-generation technology, look no further than the Harman Kardon AVR 365. The AVR 365 has an impressive list of features that take your home entertainment to the next level. With HDMI® v.1.4a with 3-D and all the latest Dolby® and DTS® audio modes, the AVR 365 lets you experience a new dimension in TV viewing while also giving you the benefit of Harman Kardon Logic 7® processing, which helps create a 360-degree soundstage through 7.1 channels of surround sound. And just know: This AVR does far more than just movies and soundtracks. Revel in the fact that you can now play music in another zone of the house using the receiver's multiroom audio functionality. And with six HDMI inputs (including one on the front panel), extensive video and audio connectivity, and the ability to connect with The Bridge IIIIP for iPod/iPhone playback, the AVR 365 solidifies itself as a versatile receiver that accommodates your every entertainment whim with grace, style and ease.

■ Highlights

- HDMI v.1.4a with 3-D, Deep Colour and Audio Return Channel
- Powers an entire 7.1-channel surround-sound system
- 100 watts of power per channel
- Network connectivity to access a world of music and entertainment via the Web
- Dolby Volume
- Dolby TrueHD and DTS-HD Master Audio™ decoding
- Logic 7 processing
- The Bridge IIIIP connectivity
- EzSet/EQ™ technology
- MP3 audio file playback from USB
- Multizone functionality
- Surround-sound decoding
- Six 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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■ Key Features

Power/Technology

- Powers a 7.1-channel surround-sound system
- 100 watts of power per channel
- High instantaneous-current capability (HCC), ultrawide-bandwidth amplifier design for accurate, dynamic sound and emotion
- HDMI v.1.4a with 3-D and Deep Colour for playing 3-D TV or 3-D movies
- 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 Volume maintains the same volume level – no matter what programme or channel you're watching
- 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 incredible 7.1-channel surround sound
- FM/AM radio with 30 station presets and Radio Data System (RDS) to display radio text information broadcast by station
- 30 presets for Internet radio stations
- EzSet/EQ™ capability automatically adjusts individual speaker volume levels, delay and equalisation
- Multizone functionality allows you to play music in other zones using the dedicated Zone 2 IR remote control
- Dolby Pro Logic® IIz surround-sound decoding for a more in-depth surround-sound experience
- Decoding for all varieties of Dolby Digital and DTS soundtracks
- MP3 enhancer improves sound quality for low-bitrate MP3 and WMA files
- 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

- Network connectivity allows for streaming media files from your home network and Internet radio stations via a broadband connection
- Assignable SBL and SBR amplifier channels for flexibility during configuration
- Works with The Bridge IIIP (optional) to play entertainment from your iPod or iPhone device on your home entertainment system
- Six HDMI outputs for extensive video connectivity
- Two component and two composite video inputs
- Four digital audio inputs and three analogue audio inputs
- Front-panel USB port plays MP3 music and audio files from memory sticks
- Zone 2 line output expands your system into an additional room
- 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
- Remote (IR) in/out connections
- Subwoofer trigger output for compatible subwoofer
- Upgradeable firmware via USB port
- Detachable IEC power cord

Ease of Use

- Graphical user interface (GUI) for easy system setup
- Multidevice, programmable remote to control your entire audio/video system
- Two-line dot-matrix information display lets you adjust the unit without turning on the TV – and is great when listening to music
- Control4®-certified technology allows the receiver to be used with a centralised home integration and control system

■ Key Specifications

Audio Section

- Stereo mode, continuous average power: 100 watts/channel, 20Hz – 20kHz, <0.1% THD, both channels driven @ 8 ohms
- Multichannel power: 7 x 110 watts/channel, two channels driven @ 8 ohms, 20Hz – 20kHz, <0.09% THD
- Bandwidth @ 1W (+0dB/-3dB): 10Hz – 130kHz
- Input sensitivity/impedance (line-in): 200mV/47k ohms; signal-to-noise ratio (IHF-A): 100dB
- Adjacent channel separation – Dolby Pro Logic I/II: 40dB, Dolby Digital: 55dB, DTS: 55dB
- High instantaneous-current capability (HCC): ±60 amps
- Transient intermodulation distortion (TIM): immeasurable
- 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/68dB
- Distortion (mono/stereo): 0.2%/0.3%
- Stereo separation: 40dB @ 1kHz
- Selectivity (±400kHz): 70dB
- Image rejection: 80dB
- IF rejection: 90dB

AM Tuner Section

- Frequency range: 522kHz – 1710kHz
- Signal-to-noise ratio: 45dB
- Usable sensitivity (loop): 500µV
- Distortion (1kHz): 50%, mod 0.8%
- Selectivity (±10kHz): 30dB

Video Section

- Television format: PAL
- Input level/impedance: 1Vp-p/75 ohms
- Output level/impedance: 1Vp-p/75 ohms
- Video frequency response (composite video): 10Hz – 8MHz (-3dB)
- HDMI v.1.4a with 3-D, Audio Return Channel and Deep Colour

General

- Power requirement: 220V – 240V, 50/60Hz
- Power consumption: <0.5W (standby); 910W (maximum)
- Dimensions (H x W x D): 165mm x 440mm x 435mm (6-1/2" x 17-5/16" x 17-1/16")
- Weight: 12.4kg (27 lb)



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