

BDS 2

2.1-channel Blu-ray Disc™ receiver

harman/kardon®
by HARMAN

Specifications



■ harman kardon BDS 2

Combining a Blu-ray Disc™ receiver, digital amplifier and a 2.1-channel Dolby® Virtual Speaker into one outstanding system, the BDS 2 is a sleek, modern A/V performer worth building your home theatre around. Achieve the highest-resolution picture quality possible (thanks to an HDMI™ 1.3a output), while you and your audience become engrossed in a virtual surround sound experience – from only two speakers. From Hollywood blockbusters to personal videos playable through the USB port, the BDS 2 reads a wide range of digital entertainment sources – from DVD to CD-R to MP3 formats. As a bonus, the BDS 2 even has an intuitive on-screen menu to help you get your system up and running – with the greatest of ease. To help your home theatre reach its fullest potential, the BDS 400 and BDS 300 systems bundle the BDS 2 together in an all-in-one package – with 360-degree surround sound speakers and a powerful 200-watt subwoofer – making an authentic theatrical experience always well within your reach.

■ Highlights

- Fully capable 2.1-channel A/V receiver
 - Benefit from a full-line media player that plays music, movies and multimedia – all from one vastly capable system
- High-performing Dolby Virtual Speaker
 - Create a virtual surround sound experience for your audience – from only two speakers
- Reads Blu-ray Disc, DVD and CD recordings
 - Plays most recordable media – even MPEG-1, MPEG-2, MP3, WMA and JPEG files through the USB port
- Stylish, sleek and compact design
 - Complementary, space-saving design fits your life and living room – while performing the same as a full-size system
- HDMI 1.3a output
 - Enjoy the highest-quality, HD standard for digital video (1080p) and high-resolution audio
- Front-panel USB port
 - Easy, temporary connection lets you play music, video and picture files from portable players or flash drives
- Ultra-convenient learning remote
 - Control the entire A/V system as well as your TV, cable box or satellite tuner – with one easy-to-use, preprogrammed remote
- Intuitive on-screen menu
 - Makes setting up and using the receiver easy – even for novices

BDS 2

2.1-channel Blu-ray Disc receiver

■ Key Features

- iPod/iPhone compatibility – System connects to iPod and iPhone via harman kardon The Bridge IIP dock (not included)
- Digital amplifier technology: Keeps audio signals in the digital domain from source to output – reducing conversion artifacts, improving sound quality and generating less heat
- Extensive connectivity: Three digital inputs and two line outputs give you the opportunity to expand your system by connecting other audio components
- Ethernet port: Connect to your home network and experience next-generation interactive content through BD-Live™
- Heavy-duty gold-plated binding posts: Benefit from ultra-secure speaker connections and compatibility with a variety of speaker wire
- Playlist function: Automatically recalls your favourite files stored on USB or CD-R discs, with minimal button pushing
- Dot matrix information display: Delivers status messages and allows you to listen to music on the BDS system – without having to turn on the TV
- Cover art display function: See album cover and artist info while playing audio files with ID3 tags
- Screen-saver function: Prevents image burn-in on CRT and plasma displays
- Detachable IEC power cord: Simplify installation by running the power cord to the installation site – before installing the unit
- Upgradable firmware: Get system upgrades via the on-screen display to constantly keep your receiver up to date
- Headphone jack: Enables private listening when you connect stereo headphones directly to the BDS system

■ Specifications

Audio Section

- Continuous average power, stereo mode: 65 watts per channel, 20Hz – 20kHz, @ <0.1% THD, both channels driven into 6 ohms
- Input sensitivity/impedance (line inputs): 250mV/46k ohms
- Signal-to-noise ratio (IHF-A): –90dB
- Frequency response @ 1W (±0.5dB): 20Hz – 20kHz
- Slew rate: 40V/μsec

FM Tuner Section

- Frequency range: 87.5MHz – 108.0MHz (US and EU)
- Usable sensitivity IHF: >14dBf
- Signal-to-noise ratio (mono/stereo): –60dB/–55dB
- Distortion mono/stereo: 0.3%/0.5%
- Stereo separation: –45dB @ 1kHz
- Image rejection: –70dB
- IF rejection: –80dB

Disc Player Section

- Supported disc formats: 12cm (5-inch) or 8cm (3-inch) BD-Video (single-layer or double-layer), DVD-Video, DVD+R/+RW, DVD-R/-RW, CDDA (CD audio), CD-R/RW discs
- Region code (BD/DVD): A/1 (USA); B/2 (EU)
- Audio formats: Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS® Digital, DTS-HD High Resolution Audio, DTS-HD Master Audio,™ PCM, WMA (DRM-free version only): WMA9, CBR @192kbps, VBR @ 355kbps, MP3: 32kbps – 320kbps bitrates, including variable-bitrate encoding
- Still-image format: JPEG
- Video signal system: NTSC (USA) or PAL (EU)
- Frequency response: 20Hz – 20kHz ±0.5dB
- Signal-to-noise ratio: –90dB (A-weighted)
- Dynamic range: 90dB (16-bit)
- THD/1kHz: DVD/CD: 0.1%
- Wow & flutter: Below measurable limits

Video Section

- Television format: NTSC or PAL (selectable)
- HDMI version: 1.3a, with 30/36-bit Deep Colour

General

- Power requirement: 110 – 240V AC, 50/60Hz
- Power consumption: 110W maximum; <1W standby
- Dimensions (H x W x D): 102mm x 401mm x 260mm (4" x 15-25/32" x 10-1/4")
- Weight: 6.4kg (14 lb)

Depth measurement does not include terminal connections. Height measurement includes feet and chassis.