

BDS 300

2.1-channel integrated home theatre system

Specifications



■ harman kardon BDS 300

As a compact, sleek, completely integrated home theatre system, the harman kardon BDS 300 comes with everything you need to create an immersive entertainment experience – right at home. The BDS 300 turns the ordinary into extraordinary – with a Blu-ray Disc™/DVD/CD player and FM tuner, 200-watt subwoofer generating bass from every direction and Dolby® Virtual Speaker reproducing the equivalent of 5.1-channel surround sound – from just two speakers. It even has an HDMI® output (delivering video and audio at the highest-quality HD 1080p standard) and a front-panel USB port so you can import music, videos or picture files stored on external devices. And by including all the cables and speaker wall-mounting hardware you'll need to get up and running with ease, the BDS 300 is designed to be a top-quality audio/video performer – and star of whatever room you put it in.

■ Highlights

Completely integrated, all-in-one home entertainment system

Create an immersive entertainment experience for your music, movies and multimedia – from one vastly capable system

Benefit from a fully integrated home theatre audio system

Get every component you need to create great surround sound – from virtually any movie or music source

Expectation-defying Dolby Virtual Speaker

Delivers rich, realistic sound and the equivalent of a 5.1-channel experience for your audience – from just two speakers

Stylish, sleek and compact design

Space-saving, modern system design fits your life – while performing the same functions as a full-size system

HDMI output

Enjoy the highest-quality HD standard (1080p) for video and high-res audio via one single cable

Front-panel USB port

Easy, temporary connection lets you play music, video and picture files from portable players or flash drives

Plays Blu-ray Disc, DVD and CD recordings

Reads most recordable media including virtually any 5-inch (12cm) or 3-inch (8cm) disc – in addition to MPEG-1, MPEG-2, MP3, WMA and JPEG files through the USB port

Learning remote

Control your entire A/V system – including your TV, cable box or satellite tuner – with one easy-to-use preprogrammed remote

Intuitive on-screen menu

Get up and running with the greatest of ease using the multi-language on-screen menus

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Key Features

- iPod/iPhone compatibility – System connects to iPod and iPhone via harman kardon The Bridge IIP dock (not included)
- Compact 200-watt powered subwoofer: Creates tight, powerful bass performance through its downward-firing design
- Subwoofer automatic turn-on/shutoff: Energy-efficient subwoofer turns on at the first audio signal – and off once the audio signal ceases
- Subwoofer volume, phase and bass boost controls: Gain control over your subwoofer and achieve desirable bass performance in almost any listening situation
- Two-way satellite speakers: Lower distortion and consistent sound speaker-to-speaker let you experience your entertainment disruption-free
- Speaker wall-mounting hardware: Includes all hardware (including wall-bracket pivots) to mount your speakers on the wall, or wherever works best
- Digital amplifier technology: Audio signals remain in the digital domain from source to output, reducing conversion artifacts and improving sound quality
- Extensive connectivity: Three digital inputs and two line outputs offer you great flexibility to expand your system by connecting other audio components
- Ethernet port: Connect to your home network and experience next-generation interactivity with BD-Live®
- Gold-plated binding posts: Benefit from an ultra-secure speaker connection and great 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: Generates status messages and allows you to listen to music – without turning 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
- Upgradeable firmware: Get system upgrades via the on-screen display to constantly keep your receiver up to date
- Magnetically shielded transducers: Eliminate picture distortion and gain the freedom to put speakers close to the TV – without creating interference
- Headphone jack: Enables private listening when you connect stereo headphones directly to the BDS 300 system

Specifications

BDS 2 Receiver

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.

Speaker System

- Frequency response: 45Hz – 20kHz (–6dB)

SAT TS7 Satellites

- Midrange transducer: 75mm (3") cone, video-shielded
- High-frequency transducer: 13mm (1/2") dome, video-shielded
- Recommended power: 10 – 80 watts
- Impedance: 8 ohms nominal
- Sensitivity: 86dB @ 1 watt/1 meter
- Dimensions (H x W x D): 167mm x 100mm x 92mm (6-5/8" x 3-5/16" x 3-5/8")
- Weight: 0.6kg (1.3 lb)

Powered Subwoofer

- Low-frequency transducer: 8" cone
- Amplifier power: 200 watts RMS
- Enclosure type: Sealed
- External trigger voltage: 3V – 30V AC/DC
- Power requirement: 120V AC, 60Hz (USA); 220V – 240V AC, 50Hz/60Hz (EU)
- Dimensions (H x W x D): 353mm x 267mm x 267mm (13-29/32" x 10-1/2" x 10-1/2")
- Weight: 9kg (19.8 lb)
- Finish: Gloss black

Height measurement includes feet.