

BDS 400

2.1-channel integrated home entertainment system with Blu-ray Disc™ playback

Specifications



■ harman kardon® BDS 400

Many people find traditional home theatre setups too complicated for their needs and too cumbersome for their listening areas. The harman kardon® BDS 400 system is neither. With a powerful receiver integrated with a Blu-ray Disc™/DVD/CD player and FM tuner (with RDS), plus just two front speakers and a subwoofer, the BDS 400 is simpler than many stereo music systems, yet it's vastly more capable. Able to reproduce movies and music from virtually any source with all the clarity and fidelity of the original material, the BDS 400 delivers immersive listening experiences. It even plays iPod or iPhone files via a harman kardon The Bridge IIIP dock (not included). With all the latest features and technologies, an intuitive on-screen menu system for foolproof setup, and performance characteristics that only harman kardon engineering can deliver, the BDS 400 may be the only entertainment system many homes will ever need.

■ Highlights

Complete, integrated home theatre audio system

Everything you need for great surround sound from virtually any movie or music source

Components engineered to work together as a system

The performance of separate components with the ease of use of a single integrated system

Compact, stylish design

The BDS 400 components deliver full-size performance in space-saving form factors styled to complement any décor

Dolby® Virtual Speaker technology

Creates a realistic 5.1-channel surround sound experience from the left and right front loudspeakers and subwoofer alone

Dolby Digital and DTS® decoding

You'll hear every nuance of the latest movie soundtracks as they were meant to be heard

HDMI™ output

1080p video and high-resolution audio through a single cable for the highest-quality picture and sound

Reads Blu-ray Disc, DVD and CD recordings

The BDS player reads virtually any 5-inch (12cm) or 3-inch (8cm) disc, including most recordable media

Reads most digital music and photo file formats

The BDS player is a true multimedia device, a single system for all your entertainment sources

Front-panel USB port

An easy temporary connection for portable players and flash drives

Full-color and multilanguage on-screen menus and dot-matrix display

Easy system setup and control with a TV monitor and system status information without a TV monitor

Learning remote

The BDS remote is easily programmed to control your TV, cable box, satellite tuner and other devices

Key Features

- iPod/iPhone compatibility – System connects to iPod and iPhone via harman kardon The Bridge IIP dock (not included).
- Digital amplifier technology – Audio signals remain in the digital domain from source to output, reducing conversion artifacts for improved quality
- Flat-panel midrange transducers – Honeycomb and carbon-fibre flat surface reduces diffraction for more natural, transparent sound
- Compact powered subwoofer – Downward-firing to extend and enhance bass response through interaction with the floor, the subwoofer features auto on/off circuitry plus volume, phase and bass-boost controls
- 2-1/2-way crossover network – Improves the transition between midrange and high-frequency drivers for more natural sound
- Extensive connectivity – Three digital inputs and two line inputs make it easy to connect other audio components to your BDS system (turntables require a separate phono preamp)
- Ethernet port – Connect your BDS system to your home network and enjoy BD-Live™ content via the Internet
- Playlist function – Recalls files stored on USB devices and CD-R discs with a minimum of button pushing
- Cover-art display – Outputs cover art from audio files with ID3 tags
- Screen-saver function – Prevents burn-in on CRT and plasma displays
- Upgradable firmware – Easily install any firmware upgrades that become available via the on-screen display
- Detachable IEC power cord – Simplifies system installation
- Gold-plated binding posts
- Headphone jack
- Speaker wall-mount hardware and all cables included

Specifications

BDS 2 Receiver

Audio Section

- Continuous average power (stereo): 65 watts per channel, 20Hz – 20kHz, @ <0.1% THD, both channels driven into 6 ohms
- Multichannel power: 65 watts per channel, 20Hz – 20kHz, @ <0.1% THD, all 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 RDS Tuner Section

- Frequency range: 87.5 – 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: 5-inch (12cm) or 3-inch (8cm) BD-Video (single-layer or double-layer), DVD-Video, DVD+R/+RW, DVD-R/-RW, CDDA (CD digital audio), CD-R/RW, AVCHD 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 and flutter: Below measurable limits

Video Section

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

General

- Power requirement: 110V – 240V AC, 50/60Hz
- Power consumption: 110W maximum; <1W standby
- Dimensions (H x W x D): 100mm x 400mm x 260mm (3-15/16" x 15-3/4" x 11")
- Weight: 6.4kg (14.1 lb)

Speaker System

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

SAT TS200 Satellites

- Midrange transducers: Two x 75mm (3") flat-panel drivers, video-shielded
- High-frequency transducer: 19mm (3/4") CMMD® Lite dome, video-shielded
- Impedance: 8 ohms nominal
- Sensitivity: 86dB @ 2.83V/1 meter
- Dimensions (H x W x D): 299mm x 110mm x 88mm (11-25/32" x 4-11/32" x 3-15/32")
Height measurement includes removable stands
- Weight: 1.5kg (3.3 lb)

Powered Subwoofer

- Low-frequency transducer: 8" cone
- Amplifier power: 200 watts RMS
- Enclosure type: Sealed
- Finish: Gloss black
- 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")
Height measurement includes feet
- Weight: 9kg (19.8 lb)