

harman/kardon
by HARMAN

BDS 580

HIGH-PERFORMANCE 5.1-CHANNEL NETWORKED 3D BLU-RAY DISC™ SYSTEM



**AVAILABLE AT
DIGITAL CINEMA**



High-performance, 5.1-channel, networked 3D Blu-ray Disc™ system provides direct access to all your portable media

The Harman Kardon BDS 580 is a sleek, high-performance 5.1-channel 3D Blu-ray Disc™ system with 325 Watts of high fidelity amplified surround sound. It features three HDMI® inputs (one with MHL) with 3D, or an HDMI® Audio Return Channel (ARC), with Wi-Fi connectivity, Apple® AirPlay® and Bluetooth® MultiConnect technology with NFC pairing and DLNA® 1.5. You can connect it to online sources such as Picasa, AccuWeather™, and Pandora®. With Dolby TrueHD® and DTS-HD®, you'll hear everything as it was meant to be heard. As the world's first Blu-ray™ system with Dolby® Volume, it maximizes listening pleasure by delivering consistent audio levels that won't disturb the neighbors. Best of all, it's a Harman Kardon product, which means it looks as exceptional as it sounds.

FEATURES

- ▶ Five 65W channels of powerful, clear audio
- ▶ Apple® AirPlay®, Bluetooth®, Wi-Fi, and DLNA® 1.5 connectivity
- ▶ Three HDMI® inputs (one with MHL) or one HDMI® output (with ARC)
- ▶ NFC for quick Bluetooth® pairing of compatible Android™ and Windows™ devices
- ▶ Dolby® Volume to maintain consistent volume without distracting changes



Key features

Five 65-Watt-per-channel amplifiers

The digital power supply ensures greater clarity at higher listening levels, without the weight of traditional power-supply designs and heavy transformers.

Apple® AirPlay®, Bluetooth® and DLNA® 1.5 technology

Stream audio from computers with iTunes®, Apple® iPad®, iPhone®, iPod® touch devices; and your entertainment via built-in AirPlay® technology. The integrated Bluetooth® technology and MultiConnect enables connectivity to almost any tablet, smartphone or laptop. It's also DLNA® 1.5 compliant for music, photos and video.

NFC Bluetooth® pairing

Connecting your NFC-enabled Android™ and Windows™ devices to BDS 280 with Bluetooth® is easy and fast. The NFC sensor allows immediate pairing with a simple tap to the BDS.

Built-in Wi-Fi networking capability

There's no need for a wired network connection with the BDS 280. There's also wireless access to streaming services like Apple® AirPlay®, DLNA®, receiver updates, and additional online BD-Live™ content for your Blu-ray Disc™ media.

Easy access to online services

Experience quick access to Pandora®, YouTube™, Picasa, Accuweather™, and others (where available).

HARMAN TrueStream technology

HARMAN TrueStream selects the most current, most advanced wireless option to deliver the highest-quality sound.

Multiple HDMI® connections with 3D, Audio Return Channel (ARC) and MHL™ Interface

Three HDMI® inputs with 3D and 30/36-bit Deep Color deliver full, high-definition digital video with full-fidelity audio. The Mobile High-Definition Link™ (MHL™) interface allows for high-definition audio/video content.

Subwoofer preamplifier output

Give your bass a large-scale boost in low-frequency impact, clarity and realism.

Front-panel USB port

Enjoy multiple options for audio playback. Simply connect an iPhone®, iPad®, iPod® or USB stick to play your favorite tracks through your home entertainment receiver.

Dolby TrueHD® and DTS-HD® decoding

High-resolution audio that matches the digital-video quality of Blu-ray Disc™ formats to unlock the full potential of movie soundtracks.

Dolby Volume

Meet the world's first Blu-ray Disc™ System equipped with Dolby Volume technology.

EzSet/EQ™ III auto-calibration

The new HARMAN EzSet/EQ™ III auto-calibration process precisely adjusts volume levels, speaker-distance/delay-time settings and equalization.

Built-in FM tuner

You have 30 presets and the auto-preset function to find and save all available stations.

Multi-device, programmable remote control

Simplify your life with a programmable Infrared (IR) remote control with a premium, user-friendly layout.

Beyond user-friendly

A music system built into the home screen provides instant control over your audio. A high-resolution display features capacitive-touch controls for instant access to content.

Remote apps for compatible iOS® and Android™ smartphones and tablets

Extend the functionality of your system by connecting with your compatible smartphone or tablet.

What's in the box:

1 Harman Kardon BDS 580 system
1 programmable remote control
1 EzSet/EQ™ III microphone with 22' (6.7m) cable
2 AAA batteries
1 FM radio antenna
2 wireless network antennas
1 6' (1.8m) region-specific IEC power cord
1 3' (0.9m) HDMI® cable

Specifications

Audio section

Continuous average power, stereo mode: 65 Watts per channel, 20Hz – 20kHz, @ <1% THD, two channels driven into 6 ohms
Input sensitivity/impedance (line inputs): 250mV/> 10kΩ
Signal-to-noise ratio (IHF-A): –90dB
Frequency response @ 1W: 20Hz – 20kHz, ±0.5dB
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): 55dB/55dB
Distortion (mono/stereo): 0.3%/0.5%
Stereo separation: –40dB @ 1kHz
Image rejection: 70dB
IF rejection: 80dB

Disc receiver 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 audio), CD-R/RW discs

Region code (BD/DVD):

US/Canada	A/1
Japan	A/2
Korea, SE Asia	A/3
Mexico/Latin America	A/4
Europe/Middle East	B/2
Australia/New Zealand	B/4
Russia/India	C/5
China	C/6

Audio formats: Dolby® Digital, Dolby® Digital Plus, Dolby® TrueHD®, DTS Digital®, 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 receiver: 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: With 3-D and 30/36-bit Deep Color

General

Power requirement: 100 – 240V AC, 50/60Hz

Power consumption: 110W maximum; <1W standby

Dimensions: 400.2mm (L) x 283.8mm (W) x 78.5mm (H)

Weight: 3.72kg

