



## Home theater comes alive with tomorrow's wireless HD technology.

The new Harman Kardon BDS 280S is a high-performance, 2.1-channel, 130-watt, 4K Blu-ray home theater receiver that seamlessly spans the divide between traditional and digital media technologies. Upscale your Blu-Ray discs and home theater components to magnificent 4K video resolution for your UHD TV. Or stream content wirelessly with Spotify Connect, Bluetooth®, Airplay or DLNA. Featuring extensive audio and video support for all your media needs, BDS 280S is a definitive audio solution best placed at the center of tomorrow's connected home.

## Highlights

- ▶ Fully integrated home theater receiver that supports traditional and next-generation media
- ▶ All the power of Spotify, built-in
- ▶ Apple AirPlay, Bluetooth® with MultiConnect and DLNA 1.5 technology
- ▶ Built-in Wi-Fi networking capability
- ▶ Multiple HDMI connections with 3D, Audio Return Channel (ARC) and MHL™ interface
- ▶ Front-panel USB port
- ▶ EzSet/EQ III home theater audio auto-calibration
- ▶ Easily control and navigate your home theater



## Fully integrated home theater receiver that supports traditional and next-generation media

The BDS 280S system is an all-in-one entertainment solution that provides the missing link between traditional media like CD, DVD, Blu-ray and radio with digital technologies like streaming audio and connected services. Upgrade your Blu-Ray discs, DVDs and source component video quality into brilliant 4K video resolution for your UHD television display.

## All the power of Spotify, built-in

Spotify is the world's most popular music streaming service. If you subscribe to Spotify Premium, you can synchronize your new BDS receiver with your phone or tablet. Because Spotify is built-in to your BDS receiver, you can still take calls or use other apps – the music never quits.

Try Spotify for free

To try Spotify Premium free for 30 days, or to learn more about Connect, please go to [spotify.com/connect](https://spotify.com/connect)

## Apple AirPlay, Bluetooth® with MultiConnect and DLNA 1.5 technology

The BDS 280S streams audio from virtually any portable device. For computers with iTunes, Apple iPad, iPhone and iPod touch devices – stream your entertainment using the system's built-in AirPlay technology. Bluetooth® technology integrated with HARMAN TrueStream and MultiConnect lets you play music using nearly any tablet, smartphone or laptop. With MultiConnect, there's no need to disconnect one device before streaming the next. The BDS 280S is also compliant with DLNA 1.5 for music, photos and video, providing multiple options for delivering content throughout your home network.

## Built-in Wi-Fi networking capability

The BDS 280S connects to your home network without the need for a cable to your router. Easily connect to streaming services like Youtube, Spotify Connect, AirPlay, DLNA, receiver updates, and additional online BD-Live™ content for your Blu-ray Disc™ media.

## 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 at resolutions up to 4K with full-fidelity audio through a single cable. Experience no loss of video or audio quality from format conversion – just full-impact Hollywood excitement as its creators meant for you to experience it. BDS 280S' Mobile High-Definition Link™ (MHL™) interface allows for high-definition audio/video content directly from your camera, phone, tablet or

Roku Streaming Stick™. You can send sound from your TV to the BDS 280S without extra cables using HDMI Audio Return Channel (ARC).

## Front-panel USB port

Enjoy multiple options for audio playback through BDS 280S' front-panel USB port. Simply connect an iPhone, iPad, iPod or USB stick to play your favorite music-tracks through your home entertainment receiver. Or play back a full complement of video and image formats from compatible USB drives, including MPEG-1, MPEG-2, MP3, WMA and JPEG.

## EzSet/EQ III home theater audio auto-calibration

The new HARMAN EzSet/EQ™ III auto-calibration process adjusts BDS 280S' volume levels, speaker-distance/delay-time settings and equalization with high precision. This lets you fine-tune your speaker system's audio performance for different room-specific acoustics. The auto-calibration system also features an easy-to-follow menu display and a plug-in microphone to help optimize sound quality for any given environment.

## Easily control and navigate your home theater

The BDS 280S features easy ways to control and navigate your home theater. Command your home theater with a programmable infrared (IR) remote control or with the Harman Kardon Remote app for iOS® or Android products. The user interface features a high-resolution on-screen display that ushers you with ease through system set-up and basic operation. Quickly navigate your music or online services with high-res album artwork and metadata.

## What's in the Box

- 1 Harman Kardon BDS 280S
- 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

## Technical Specifications

### Physical Connections

- HDMI Inputs: 3 (1 with MHL)
- HDMI Outputs: 1 (features HDMI ARC)
- Digital Audio inputs: 3
- Analog Audio inputs: 2
- USB Input: 1

### Audio Section

- Total System Power: 130 Watts
- Continuous average power, stereo mode: 65 Watts per channel, 20Hz – 20kHz, @<1% THD, both channels driven into 6 ohms
- Subwoofer Output: 1
- Signal-to-noise ratio (IHF-A): –90dB
- Frequency response @ 1W(±0.5dB): 20Hz – 20kHz

### FM tuner Section

- Frequency range: 87.5MHz – 108.0MHz (US and EU)
- Usable sensitivity IHF: >14dBf
- Distortion (mono/stereo): 0.3%/0.5%

### 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 audio), CD-R/RW discs
- 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 system: PAL
- Frequency Response: 20Hz – 20kHz, ±0.5dB
- Signal-to-Noise Ratio: –90dB (A-weighted)
- Dynamic range: 90dB (16-bit)
- THD @ 1kHz: 0.1%
- (DVD/CD)
- Wow & Flutter: Below measurable limits

### Video Section

- Television Format: PAL
- HDMI™ version: 1.4b With 3-D and 30/36-bit Deep Color

### General Specifications

- Power requirement: 100 – 240V AC, 50/60Hz
- Power consumption: <0.5W standby, 90W maximum
- Source Unit Dimensions: 400.2mm (L) x 283.8mm (W) x 78.5mm (H)
- Source Unit Weight: 3.56kg



HARMAN International Industries, Incorporated  
8500 Balboa Boulevard, Northridge, CA 91329 USA

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