

BD-SP808 Blu-ray Disc Player

BLACK SILVER


A Refined and Versatile Playback Centerpiece for Blu-ray and Beyond

The BD-SP808 has been built from the ground up as a one-stop solution for high-quality music and movie playback. It handles with finesse virtually any type of Blu-ray Disc, DVD, or CD in your collection. Compatible with DLNA 1.5, the BD-SP808 can connect via ethernet to a digital media server and play back compressed digital video, music, and photos—everything from high-def AVCHD and DivX[®] HD to convenient MP3, WMA, and JPEG. As Onkyo's top-ranking disc-spinner, the THX[®] certified BD-SP808 is equipped to entertain in style. Video signals are upscaled to 1080p with optimal clarity by an advanced Marvell Qdeo[™] video chip. Meanwhile, audio signals—including lossless DTS and Dolby codecs—benefit from an architecture that incorporates a highly rigid top cover and independent digital and analog blocks. It all adds up to a superbly versatile playback centerpiece.

THX[®] Certification

To achieve THX certification, the BD-SP808 meets the world's most demanding standards for home cinema playback. It's your guarantee of superior A/V performance and an accurate reproduction of the full cinema experience in your home.

Marvell Qdeo[™] Video Chip for 1080p Upscaling and Processing

The BD-SP808 offers full 1080p upscaling of standard video sources such as 576p, 720p, and 1080i. Interlaced-to-progressive conversion and scaling are performed by a high-quality Marvell Qdeo video-processing chip. Qdeo is a versatile video processor that uses algorithms designed to erase video noise and artifacts such as jaggies and feathering. Played back on a compatible wide-screen display, your Blu-ray Discs and DVDs will look more detailed and cinematic than ever.

High-Definition Surround Sound from Dolby[®] TrueHD and DTS-HD Master Audio[™] Essential

The BD-SP808's onboard decoders bring you the lossless, studio-master quality of Dolby TrueHD and DTS-HD Master Audio Essential carried on Blu-ray Disc. The player outputs these formats in pure bitstream form via HDMI[®] 1.3a, meaning nothing is lost from the original recording.

DLNA 1.5 Certified

The Digital Living Network Alliance[®] was formed by a group of like-minded manufacturers with the goal of improving the interoperability of

electronic products used by consumers. This shift towards more integrated home entertainment is made possible by using open standards and commonly available industry specifications. Being DLNA 1.5 certified, the BD-SP808 can link seamlessly with other compatible devices in your home cinema system.

Full 1080p Video and Playback of AVCHD and DivX[®] HD

Blu-ray Disc delivers the most vivid and detailed video images ever seen in home cinema. A disc played back on the BD-SP808 can be output in full high-definition 1080p at 24 frames per second—the native frame rate for movies. The BD-SP808 also offers compatibility with the increasingly popular AVCHD and DivX HD formats, which employ high-compression video codecs. Now you can enjoy big-screen playback of high-definition video clips stored on a disc or SD card.

High-Grade Build Quality with Rigid Chassis

The BD-SP808 is crafted with typical Onkyo attention to build quality. Internal components that can cause vibrations are fixed directly onto the high-rigidity chassis or near the feet of the unit. Since the feet themselves have a large circumference, they provide further protection from vibrations. The BD-SP808 features an independent digital and analog block design that reduces electromagnetic interference from the system power, drive mechanism, and signal-processing circuits. Further proof of this player's superior build quality comes in the form of gold-plated audio and video outputs and 19 mm-pitch audio outputs for connection to high-grade cable.



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ADVANCED FEATURES

- THX® Certified
- Upscaling of All Standard-Definition DVD Sources to 1080p (1080i, 720p, and 480p/576p) with Marvel Qdeo™ Video-Processing Chip
- HDMI® 1.3a Output to Support 1080p, Deep Color™, x.v.Color™, and CEC
- Dolby® TrueHD and Dolby® Digital Plus Decoding
- Supports DTS-HD Master Audio™ Essential
- Plays BD-Video, BD-ROM (ver. 2.0), BD-R (ver. 1.1/1.2/1.3), BD-RE (ver. 2.1), DVD-Video, DVD-ROM/R/RW, Audio CD, CD-R/RW, DTS-CD, MP3 CD, WMA CD*1
- Plays AVCHD*2, DivX® HD, and JPEG Formats
- Ethernet Port for BD-Live, E-Control, and Firmware Updates
- BD-Live (Profile 2.0) for a More Interactive Experience
- Certified with DLNA Version 1.5 for Streaming Videos, Photos, and Music (Compatible with MPEG 1, MPEG 2 PS, MPEG 2 TS/TTS, LPCM, MP3, WMA, and JPEG Formats)
- Independent Circuit Blocks for Audio, Digital Video, and Analog Video to Reduce Electromagnetic Interference
- Center-Mounted Drive Mechanism for Optimal Weight Balance

*1 Discs should be properly finalized. *2 Encoded on 8 cm DVD, DVD-R/RW, SD card only.

AUDIO & VIDEO FEATURES

- 1080/24p Video Output for Full-HD Movies
- 297 MHz/12-Bit Video DAC
- 192 kHz/24-Bit Audio DAC
- SD/SDHC Memory Card Slot for Media Content
- 2 Digital Outputs (Optical and Coaxial)
- Audio, Component Video, and Composite Video Outputs
- Parallel Output of HDMI and Component Video
- Picture-in-Picture Video and Audio Configuration (BD Only)
- Rapid Video Playback with Audio (1.3x Speed)
- Disc Playback Modes: Fast Forward, Fast Reverse, Slow Forward, Step by Step, Repeat (Chapter/Title/Track/Group/All), A-B Repeat, Program, Random, Rapid, Angle
- Preset Video Adjustments for Contrast, Brightness, Sharpness, Gamma Correction, ICR (Red/Blue/Green), Color, Hue, Black Level, Noise Reduction, MPEG NR, Edge Enhancer, Qdeo True Color, Progressive Mode*

*Note: The following video adjustments are not available for 480i component video or composite video output: ICR (Red/Blue/Green), Hue, MPEG NR, Edge Enhancer, Qdeo True Color, and Progressive Mode.

OTHER FEATURES

- 19 mm-Pitch Audio Outputs for High-Grade Cable
- Gold-Plated Audio and Video Outputs
- On-Screen Display for Settings and Playback (Auto*/English/French/Spanish/Italian/German/Dutch/Swedish/Russian/Polish/Portuguese)
- Source Direct
- Display Dimmer (Auto/Bright/Dimmer)
- RS232 Port
- IR Input and Output
- Aluminum Front Panel
- Remote Control

*The language is selected automatically to match that used by the HDMI-connected display.

SPECIFICATIONS

VIDEO SECTION

Signal System PAL/NTSC
Composite Video Output/Impedance 1.0 Vp-p/75 Ω negative sync, RCA

Component Video Output/Impedance
 Y: 1.0 Vp-p/75 Ω
 Pb/Pr: 0.7 Vp-p/75 Ω

Component Video Frequency Response

5 Hz–50 MHz
HDMI Output Video: 480i/576i, 480p/576p, 720p, 1080i, 1080p, 1080p/24 fps, and Audio

AUDIO SECTION

Frequency Response
 BD 4 Hz–88 kHz (192 kHz)
 DVD Linear Sound 4 Hz–44 kHz (96 kHz),
 4 Hz–22 kHz (48 kHz)
 Audio CD 4 Hz–20 kHz (44.1 kHz)

Signal-to-Noise Ratio 100 dB

Audio Dynamic Range 98 dB

THD (Total Harmonic Distortion)
 0.005% (1 kHz)

Wow and Flutter Below threshold of measurability

Audio Output/Impedance

Optical -22.5 dBm
 Coaxial 0.5 Vp-p/75 Ω
 Analog 2.0 V (rms)/220 Ω

GENERAL

Power Supply AC 110–240 V~, 50/60 Hz

Power Consumption 25 W

Standby Power Consumption 0.4 W

Dimensions (W x H x D) 435 x 108 x 312 mm

Weight 5.0 kg

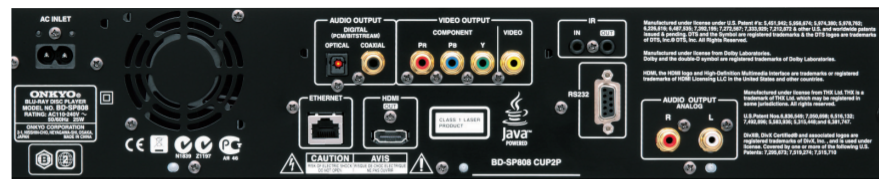
CARTON

Dimensions (W x H x D) 551 x 217 x 411 mm

Weight 6.6 kg

Supplied Accessories

- RCA audio/video cables
- Instruction manual
- Quick start guide
- Remote controller
- AA (R6) batteries x 2



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