

BD-SP809 BLU-RAY DISC PLAYER

BLACK | SILVER



Experience Reference-Quality Playback of Your Blu-ray Library

As Onkyo's flagship Blu-ray player, the THX® certified BD-SP809 is engineered to reproduce Full HD video at the highest possible fidelity. Qdeo™ processing technology from Marvell ensures pristine deinterlacing, noise-reduction, and 1080p upscaling of all your optical disc-based video sources including DVD. There are two gold-plated HDMI® outputs allowing you to switch between two displays, such as a main TV for daily viewing and a projector for movies and sports. Whether you're playing high-definition DTS and Dolby formats or compressed MP3s, audio benefits from a high-precision clock, separate blocks for video/audio circuitry to reduce interference, and a vibration-reducing chassis and top cover. As well as playing both regular and recordable 3D Blu-ray Discs, DVDs, and CDs, the BD-SP809 also features a USB port so you can enjoy selected audio and video formats via compatible USB flash memory devices. It all adds up to a virtuoso playback solution for the dedicated fan of quality home entertainment.



ADVANCED FEATURES

- THX® Certified for Reference Playback
- Supports Blu-ray 3D Playback (When Connected to a 3D-Compatible TV)
- 2 HDMI® Outputs Support 3D, 1080p, DeepColor™, x.v.Color™, and CEC
- Dolby® TrueHD and Dolby® Digital Plus Decoding
- Supports DTS-HD Master Audio™ Essential
- 1080p Upscaling of Standard Video Sources (1080i, 720p, and 576i/p) with Qdeo™ Technology by Marvell
- Precision Clock for Optimal Timing of Digital Signals
- Plays AVCHD®, MP3, WMA, and JPEG Formats
- Ethernet Port for BD-Live and Firmware Updates
- USB Port for Media Content
- 19 mm-Pitch Audio Outputs for High-Grade Cable
- Gold-Plated HDMI, Analog Audio, Digital Audio (Coaxial Only), and Analog Video Outputs

- Independent Circuit Blocks for Audio, Digital Video, and Analog Video to Reduce Electromagnetic Interference
 - Center-Mounted Drive Mechanism for Optimal Weight Balance
- * Encoded on DVD-R/RW only.

AUDIO & VIDEO FEATURES

- Plays BD-Video (BD-ROM, BD-R/RE), DVD-Video (DVD-ROM, DVD±R/RW, DVD±R DL), Audio CD, MP3 CD, WMA CD, DTS-CD, and CD-R/RW*
- BD-Live Functionality for Interactive Content
- 1080/24p Video Output for FULL HD Movies
- 2 Digital Audio Outputs (Optical and Coaxial)
- Analog Audio, Component Video, and Composite Video Outputs
- Picture-in-Picture Video and Audio Configuration (BD Only)

- Repeat Playback Modes for BD, DVD, and CD: All, Chapter, A-B; Title (BD, DVD only); Track and Random (CD only)
 - Angle and Resume Playback (for BD and DVD)
 - Digital Noise Reduction for HD Content
- * Discs should be properly finalized.

OTHER FEATURES

- On-Screen Display for Settings and Playback (Auto*/English/French/Spanish/Italian/German/Dutch/Swedish/Russian/Polish/Portuguese)
 - Source Direct
 - Display Dimmer (Normal/Dim/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.

BD-SP809 BLU-RAY DISC PLAYER

THX® Certification

To achieve THX certification, the BD-SP809 meets the world's most demanding standards for home theater playback. It's your guarantee of superior A/V performance and an accurate reproduction of the full theater experience in your home.

Support for 3D Video on Blu-ray

Immersive 3D video has been wowing audiences in cinemas around the world. Now you can enjoy the same incredible, you-can-almost-touch-it realism in the comfort of your own living room. With the BD-SP809 and a 3D-compatible TV, you can play 3D video on Blu-ray and enter a new dimension of movies, nature documentaries, and more.

1080p Video Upscaling and Processing via Qdeo™ Technology

The BD-SP809 offers full 1080p upscaling of standard video sources such as 576i/p, 720p, and 1080i. Interlaced-to-progressive conversion and scaling are performed by high-quality Qdeo technology from Marvell. 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-SP809's onboard decoders bring you the lossless, studio-master quality of Dolby TrueHD and DTS-HD Master Audio Essential for Blu-ray Disc. The player outputs these formats in pure bitstream form via HDMI, meaning nothing is lost from the original recording. If you don't have an HDMI-compatible receiver, you can still enjoy playback of standard Dolby Digital and DTS 5.1-channel content via the onboard digital outputs.

High-Definition 1080p Video and Compatibility with AVCHD

Blu-ray Disc delivers the most vivid and detailed video images ever seen in home theater. A disc played back on the BD-SP809 can be output in full high-definition 1080p at 24 frames per second—the native frame rate for most movies. The BD-SP809 also offers compatibility with the popular AVCHD format, which employs high-compression video codecs. Now you can enjoy big-screen playback of your high-definition movies and video clips recorded on a compatible camcorder.

High-Grade Build Quality with Rigid Chassis

The BD-SP809 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-SP809 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.

SPECIFICATIONS

Video Section

Signal System	PAL/NTSC Color
Composite Video Output/Impedance	1.0Vp-p/75 Ω
Component Video Output/Impedance	Y: 1.0Vp-p/75 Ω Pb/Pc: 0.7Vp-p/75 Ω
Component Video Frequency Response	5 Hz–50 MHz
HDMI Output	Video: 480p/576p, 480i/576i, 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) Audio CD 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 2.0V (rms)/more than 1 kΩ

General

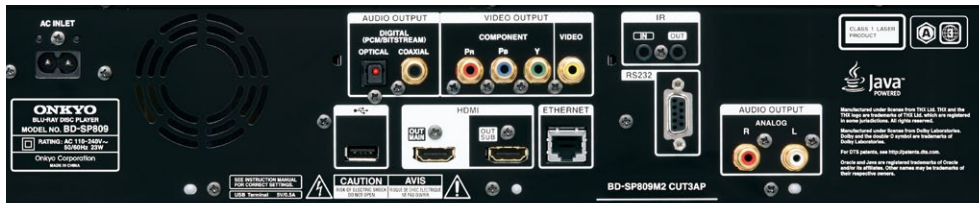
Power Supply	AC 110–240 V~, 50/60 Hz
Power Consumption	23 W
Standby Power Consumption	0.1 W
Dimensions (W x H x D)	435 x 104 x 313 mm
Weight	4.7 kg

CARTON

Dimensions (W x H x D)	551 x 217 x 411 mm
Weight	6.1 kg

Supplied Accessories

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



Due to a policy of continuous product improvement, Onkyo reserves the right to change specifications and appearance without notice. THX and the THX logo are trademarks of THX Ltd., which are registered in some jurisdictions. All rights reserved. Blu-ray Disc, Blu-ray, Blu-ray 3D, BD-Live, BONUSVIEW, and the respective logos are trademarks of the Blu-ray Disc Association. Dolby and the double-D symbol are registered trademarks of Dolby Laboratories. DTS, DTS-HD, and the DTS logo are registered trademarks, and the DTS logo is a trademark, of DTS, Inc. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. x.v.Color is a trademark of Sony Corporation. AVCHD and the AVCHD logo are trademarks of Panasonic Corporation and Sony Corporation. Windows Media and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. All other trademarks and registered trademarks are the property of their respective holders.



Onkyo Corporation Kitahama Chuo Bldg. 2-2-22 Kitahama, Chuo-ku, Osaka 541-0041 JAPAN <http://www.onkyo.com/>
 Onkyo Marketing Asia Limited Unit 1033, 10/F., Star House, No. 3, Salisbury Road, Tsim Sha Tsui, Kowloon, Hong Kong, CHINA Tel: 852-2429-3118 Fax: 852-2428-9039
<http://www.hk.onkyo.com/> (Hong Kong) <http://www.cn.onkyo.com/> (Mainland)
 Onkyo U.S.A. Corporation 18 Park Way, Upper Saddle River, N.J. 07458, U.S.A. Tel: 1-201-785-2600 or 800-229-1687 (Toll free) Fax: 1-201-785-2650 <http://www.onkyousa.com/>
 Onkyo Europe Electronics GmbH Liegitzstrasse 6, 82194 Grobenzell, GERMANY Tel: 49-8142-4208-10 Fax: 49-8142-4208-202 <http://www.eu.onkyo.com/>