

BDP-BX510

Sony® 3D Blu-ray Disc™ Player with Super Wi-Fi®

Accent your entertainment experience with premium design and super Wi-Fi® to easily stream over 100 services¹ like Netflix, YouTube™, Hulu Plus, and Fitness & Wellness applications. Features 2D to 3D playback² and TV SideView™ to control and browse content from your mobile device or tablet³. Experience better picture quality with a fully-encased optical drive and I/P noise reduction.



Bullets

- Premium Design & super Wi-Fi®
- 100+ streaming¹ apps: Netflix®, YouTube™, Hulu Plus™ & more
- Full HD 1080p⁴ Blu-ray Disc™ playback with 2D to 3D conversion².
- Control & browse from mobile devices³ with TV SideView™
- Enclosed drive & I/P noise reduction for better picture
- Quick Start/Load to watch movies faster than ever
- Enjoy music, photos and video via dual USB slots⁵
- Access and search detailed movie info with Gracenote®⁶
- Experience HD sound with Dolby® TrueHD and dts®-Master Audio⁷
- Energy Star® 2.0 compliant

Features

Super Wi-Fi®

Sony Wi-Fi Blu-ray Disc™ Players are engineered for a stronger and faster wireless connection. Therefore you can place the Blu-ray Disc™ player throughout your home and enjoy a smoother and more seamless streaming experience.¹

Premium Design

Beautifully designed to fit with your home décor.

Unlimited streaming choices with the Sony Entertainment Network

With the Sony Entertainment Network, you'll never run out of entertainment options with access to 100+ streaming services¹ including movies, TV shows, and music from Netflix®, YouTube™, HuluPlus™, Pandora®, Amazon Instant Video, and more. Also, access apps specifically designed for your TV including Fitness and Wellness apps.

Make your movies more stunning.

Enjoy 3D Blu-ray Disc movies in Full HD 1080p⁴ and upscale⁸ DVDs to near HD quality. The 2D to 3D conversion feature allows your DVD and Blu-ray Disc™ movies to be automatically converted into 3D for playback on your 3D TV².

Control & browse from mobile devices³ with TV SideView™

With the free Sony TV SideView app³, you can control your player and browse content from your mobile devices. "Throw"⁹ your videos, pictures, and music from your mobile device(s) to your TV. Voice search is also available for some services.

Built in web browser¹⁰

Browse the internet with your mobile devices via TV SideView™ application³, USB keyboard (not supplied), or the supplied remote.

Improve your viewing experience with I/P noise reduction and fully enclosed optical drive.

I/P noise reduction is specifically designed to eliminate playback noise for a better picture quality. The fully-enclosed optical drive keeps dust and particles away for optimal video playback

Display your multi-media wirelessly from your PC with DLNA®

Using DLNA® you can wirelessly access music, videos and photos from your PC or other compatible device and play them on your TV¹¹.

Start enjoying your movies faster

The player quickly loads and starts your Blu-ray and DVD discs so you can start enjoying your movies within seconds.

Life, easily shared.

Easily display your videos and photos on your TV or listen to your digital music by simply connecting your USB storage device to the one of the Blu-ray player's two USB.⁵

Learn more about your movies with Gracenote®

Gracenote® searches across internet apps and external services such as YouTube® and Video Unlimited to provide you with detailed information on a wide-variety of movies⁶

Experience movies as the director intended them to sound like.

Dolby® TrueHD and dts®-HD codecs reproduce high-definition sound with 7.1 channels of discrete audio for uncompromised quality⁷

Reduce energy with an Energy Star® 2.0 rating.

With an Energy Star 2.0 rating, the player will consume less energy during its use and when it's in standby mode.

Socialize™ with your on-line friends while you watch TV.

Using Facebook™ and Twitter®, you can tell your friends what you are watching right from your Blu-ray Disc Player¹²

Specifications

Accessories			Colors	Color	Black
Accessories	Supplied Accessories	HDMI	Convenience Features		
Audio Features			2nd Display (Media Remote)	TV Companion Device	Yes (iPhone, Android, PC)
Coaxial, Optical	Dolby Digital bit-stream out	Yes	Convenience Features	BRAVIA® Sync™	Yes
	DTS bit-stream out	Yes		Easy Setup	Yes
	DTS Neo 6	Yes		Child Lock	Yes
	LPCM 2ch	Yes		Bit Rate Indicator	Yes (Video, Audio, BIV)
Decodability	AV Sync	Yes		Parental Control	Yes
	Dolby®	Dolby True HD decoding (2Ch)		Screen Saver	Yes
HDMI Audio Out	dts	DTS-HD Master Audio decoding (MA)		USB Keyboard	Yes (101 only)
	Dolby TrueHD bit-stream out	Yes		Auto Power Off (Auto Stand-by)	Yes
	DSD output	Yes		DEMO mode - Tray Lock	Yes
	DSD to LPCM conversion out	Yes		Multiple Language Display	USA ENG
	DTS HD Master Audio bit-stream out	Yes	CAN FRA		
	LPCM 2ch out	Yes	Latin ESP		
	LPCM 6ch (5.1) out	Yes	Latin POR		
	LPCM 8ch (7.1) out	Yes (96kHz/48kHz)			
Color			GUI	XMB (Xross Media Bar)	Yes
			Disc Playback Features		
				Play/Stop/Pause	Yes
				PREV/NEXT	Yes
				REV/FWD	Yes
				Slow Playback (FWD/REV)	Yes
				STEP Playback (FWD/REV)	Yes
				All	Yes
				Chapter	Yes
				Title	Yes
				Track	Yes
			General		
				Disc (CD-R)	Yes
				Network	Yes
			General Features		
				Disc Drive	Yes (Precision Drive HD)
				Region Code (BD)	A
				Region Code (DVD)	1
				TV System Default Setting	60Hz
			Inputs and Outputs		

Inputs and Outputs	HDMI Output(s)	1 (Rear)	
	USB Input(s)	2 (1 Rear/ 1 Front)	
	Coaxial Audio Output(s)	1 (Rear)	
	Ethernet	1 (Rear), 1 (Rear) Coaxial Audio Output	
Network Features/SEN			
BIVL	Live Streaming	Yes	
	Recom.	Yes	
	Subtitle	Yes	
Entertainment DB Browser (Gracenote etc.)	Cover Art	Yes	
	History Browse	Yes	
	Information Browse (with Web Browser)	Yes	
	Information Browse (within Gracenote)	Yes	
	Information Display	Yes	
	Qriocity	Yes	
	Related Information	Yes(BD, DVD, CD, BIV)	
	Search Contents	Yes	
	Home Network	DMR (Digital Media Renderer)	Yes (Video, Audio, Photo)
		DMP (Digital Media Player)	Yes (Video, Audio, Photo)
Network Features/SEN	Party Mode	Yes	
	Wake on LAN	Yes (Quick Start Mode)	
Sony Entertainment Network	3D Streaming	Yes	
	Live Streaming	Yes	
Web Browser	Java	Yes	
	Search	Yes	
Wi-fi	Streaming	Yes	
	Wi-Fi Built in	Yes (2.4GHz)	
Photo			
Slide Show with Music	CD	Yes	
	USB	Yes	
Power			

Power	Power	60Hz
	Power	120V
Supported Media		
BDAV	BD-RE	Yes (ver.2.0, SL/DL)
BDMV	BD-RE	Yes (ver.2.0, SL/DL)
	BD-R	Yes (ver.1.0, SL/DL)
BD-ROM	BD-Live (Profile2.0)	Yes
	BD-ROM (SL/DL)	Yes
	Bonus View (Profile1.1)	Yes
CD	CD (CD-DA)	Yes
	CD-R/-RW	Yes
	SA-CD (SA-CD/CD)	Yes
Hybrid Disc	BD/CD	Yes (select in set-up menu)
	BD/DVD	Yes (select in set-up menu)
Mixed Disc	HDDVD/DVD	Yes (DVD only)
	BDAV/BDMV	Yes (BDMV)
Music	AAC (.aac, .mka)	Yes (BD, DVD, CD, USB)
	AAC (.m4a)	Yes (BD, DVD, CD, USB)
	Dolby Digital (.ac3, .mka)	Yes (BD, DVD, CD, USB)
	FLAC (.flac, .fla)	Yes (BD, DVD, CD, USB)
	LPCM (.mka)	Yes (BD, DVD, CD, USB)
	LPCM (.wav)	Yes (BD, DVD, CD, USB, DLNA)
	MP3 (.mka)	Yes (BD, DVD, CD, USB)
	MP3 (.mp3)	Yes (BD, DVD, CD, USB, DLNA)
	WMA9 Standard (.wma)	Yes (BD, DVD, CD, USB, DLNA)
	Photo	GIF (.gif)
JPEG (.jpg, .jpeg)		Yes (BD, DVD, CD, USB, DLNA)
PNG (.png)		Yes (BD, DVD, CD, USB, DLNA)
MPO (.mpo)		Yes (BD, DVD, CD, USB)

Supported Media	BD-R/RE	Yes (ver.3.0, SL/DL)
	DVD Camcorder 8cm DVD	8cm DVD-R/-RW8cm DVD+RW
	DVD+R	Yes
	DVD+R Double Layer	Yes
	DVD+RW	Yes
	DVD-R	Video, VR (w/o CPRM)
	DVD-R Dual Layer	Video, VR (w/o CPRM)
	DVD-RW	Video, VR (w/o CPRM)
	DVD-Video	Yes
	External HDD (Read/Write/Copy/Move)	Yes (Read)
USB Memory	Yes (FAT32,NTSF)	
Video	AVCHD Disc Format Folder	Yes (BD, DVD, CD, USB, DLNA)
	MPEG-1 Video/PS (.mpg, .mpeg, .m2ts, .mts)	Yes (BD, DVD, CD, USB, DLNA)
	MPEG-2 Video/PS, TS (.mpg, mpeg, .m2ts, .mts)	Yes (BD, DVD, CD, USB, DLNA)
	MPEG-4 AVC (.mkv, .mp4, .m4v, .m2ts, .mts)	Yes (BD, DVD, CD, USB, DLNA)
	WMV9 (.wmv, .asf)	Yes (BD, DVD, CD, USB, DLNA)
	Motion JPEG (.mov, .avi)	Yes (BD, DVD, CD, USB)
	MPEG-4/AVC (.mov, .3gp, .3g2, .3gpp, .3gpp2)	Yes (BD, DVD, CD, USB)
	VC1 (.m2ts, .mts)	Yes (BD, DVD, CD, USB)
	XVID	Yes (BD, DVD, CD, USB, DLNA)
	Video Features	

Video Features	BD-ROM	Yes (480i/ 480p/ 720p/ 1080i/ 1080p (60Hz)) Yes (1080p (24Hz))
	PhotoTV HD	Yes
	Preset Picture mode Cinema Tuned	Yes (Standard/ Brighter room/ Theater Room)
	Upscaling	Yes (720p/ 1080i/ 1080p) Yes (1080p (24Hz))

Weights and Measurements

Weights and Measurements	Dimensions (Approx.)	11.4 x 1.6 x 7.8 in (290 x 43 x 199mm)
-----------------------------	-------------------------	--

1. Broadband speed of at least 2.5 Mbps recommended (10 Mbps for HD). Content subject to change and may require fees. Wireless connectivity requires an 802.11 home network.
2. Requires 3D content, 1080p 3D HDTV, 3D glasses, 3D emitter, and HDMI™ cable (at least 10.2 Gbps).
3. TV SideView Application must be downloaded from the iTunes® or Google Play application store. Check Android market from your device for compatibility. Requires devices connected to the same wireless home network
4. 1080p requires HDMI® Cable and Television that supports 1080p
5. Not all USB devices are supported. Please check Owner's Manual for compatibility and file types supported.
6. Gracenote requires internet connection
7. Requires HDMI® cable and LPCM capable receiver.
8. Upscaling requires HDMI® cable and HDTV with HDMI input.
9. Mobile Device must be on same home wireless network as Blu-ray player, be running TV Sideview Application and must meet file type limitations. Check Owner's manual for file types.
10. Built in Browser is a limited Browser and may not support all websites.
11. Requires a home network with content stored on a DLNA® compliant PC or server. See dlna.org for compatibility.
12. Socialize requires user to have Twitter or Facebook account setup on player and internet connectivity.

© 2013 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited.

Sony, TV SideView, and Socialize are trademarks of Sony. Blu-ray Disc and Blu-ray 3D are trademarks of Blu-ray Disc Association. Dolby is a registered trademark of Dolby Laboratories. dts is a trademark of dts Inc. HDMI is a trademark of HDMI Licensing LLC. Gracenote is a trademark of Gracenote, Inc. iTunes is a trademark of Apple Inc. Google Play is a trademark of Google, Inc. Twitter is a trademark of Twitter Inc. Facebook is a trademark of Facebook Inc. All other trademarks are trademarks of their respective owners. Features and specifications are subject to change without notice.

Updated: March 4, 2013