

BDV-N8100W

Premium 3D Blu-ray Disc™ Home Theater System

Experience Entertainment like you're actually there with Sony's best Blu-ray home theater system. 3D Movies³, TV and sports come alive with thunderous floor standing speakers and wall-shaking surround sound that sets up in minutes. Plus, easily connect your smartphone with one-touch Bluetooth® pairing¹ to start streaming your music instantly. With built-in Wi-Fi® access blockbuster movies, shows, music, and more—right on your TV².



Bullets

- 1000W 5.1 channel 3D Blu-ray Disc™ Home Theater System³
- 3-way 47" floor standing speakers for exceptional clarity & definition
- Wireless Rear Surround Sound Speakers and 7.1" sub-woofer
- Built-in Wi-Fi®: Stream Netflix®, HuluPlus™, Pandora® & more²
- Wirelessly stream music from Bluetooth® devices w/just one-touch¹
- Dual-HDMI® Inputs; HDMI® output (ARC); USB port and more
- Auto sound calibration customizes the sound to fit your room
- Full HD 1080p: Playback and enjoy standard DVDs in near HD quality⁹
- Wirelessly access music, photos, etc. on your home network
- Experience life-like stadium sound w/Football sound mode
- Minimize play-by-play commentary with Narration Cancellation
- Control & browse from mobile devices¹² with TV SideView™
- 4K upscaling¹⁶: Delivers up to four times the resolution of 1080p
- Access and playback content from USB devices⁸
- Restore lost audio fidelity with Digital Music Enhancer
- Magnetic fluid glass fiber speakers for a clearer, more powerful sound
- All Front Speaker Setting delivers a virtual surround experience
- Control your TV, cable box & more with the Universal Remote¹⁵
- Experience HD sound¹⁶ with Dolby® TrueHD and dts®-HD
- Socialize™¹⁷ what you watch over Facebook™ and Twitter®
- Access and search detailed movie info with Gracenote®¹³

Features

Simple. Integrated. Powerful.

Bring the movie theater experience home with the Full HD 1080p Blu-ray Disc™ player, vibrant 5.1 channel HD surround sound, a 7" heart-pounding sub-woofer and 1000 Watts of power to immerse you in sound and stunning video.

46" speakers and a premium 5.1 channel surround sound experience that you'll love

Prepare to rock the house with the system's 5 speakers and sub-woofer. Two 47", 3-way, 3-driver speakers provide sound from the lowest lows to the highest highs. The 2-way, 3 driver center channel speaker provides crystal-clear movie dialogue so you'll never have to strain to hear what an actor said. Last but not least, two wireless rear speakers provide a surround experience so good that you'll think you're in the movie. Encore!

Built-in Wi-Fi² for easy setup and unlimited streaming choices with the Sony Entertainment Network

Connect to the internet without the hassle and clutter of network cables with Built-in Wi-Fi². With the Sony Entertainment Network, you'll never run out entertainment options with access to 100+ streaming services including movies, TV shows, and music from Netflix®, YouTube™, HuluPlus™, Pandora®, Amazon Instant Video, and more² Also, access apps specifically designed for your TV including Health and Wellness apps.

Connect & stream music from Bluetooth® devices with just one-touch

The easiest and fastest way to start streaming music from your NFC enabled device to your home theater system. Utilizing Near Field Communication and Bluetooth®, connect and wirelessly stream music¹ from your smartphone or tablet by touching them together just once. No NFC, no problem...you can still connect and stream music¹⁸ from your smartphone, tablet, or computer via Bluetooth.

Make your movies more entertaining with 3D conversion & DVD HD upscaling

Enjoy 3D Blu-ray Disc movies³ in Full HD 1080p and upscale the visual quality of DVDs to HD quality⁹. In addition, bring the 3D experience to your entire movie collection with the system's ability to convert 2D Blu-ray and DVDs into 3D movies⁷ for a stunning experience.

More connections mean more options with multiple HDMI ports.

To give you more integration flexibility with your other entertainment devices, the system features dual-HDMI® inputs, 1 HDMI® output, USB ports and more.

Damperless speakers with Magnetic Fluid

Each individual speaker driver is damperless and has magnetic fluid technology that minimizes sound distortion providing for an enhanced sound quality and clearer reproduction of original sound sources.

Enjoy Surround sound with all your speakers in front with S-Force® Pro 3D Front Surround sound

Don't have enough space for the wireless speakers in the rear of the viewing area but still want a surround sound experience...no problem. With the S-Force® Pro 3D Front surround sound technology feature, you can setup all the 5 speakers in-front of the viewing area and still experience simulated surround sound.

Experience life-like stadium sound with Football mode

Experience a true-to-life stadium sound experience with Football mode so it feels like you're really watching a game at the stadium. Also with Narration Cancellation, you can minimize the play-by-play commentary for an even more realistic stadium experience.

Increase the picture quality of whatever you're watching with Super Bit Mapping

To increase the image quality of whatever you watch, Super Bit Mapping analyzes and optimizes every pixel to give you a premium picture that's been perfected even more!

Experience 4K upscaling

Clearer, bigger, bolder -- beyond anything you've seen at home. 4K upscaling¹⁵ allows you to upscale DVD's and Blu-ray Discs to nearly 4,096 x 2,160 resolution delivering up to 8.8-million pixels—almost 4 times the pixels of 1080p for a picture quality you've never seen before at home.

Easily perfect the audio settings of your system with the auto DCAC DX audio calibration

All rooms have unique acoustic properties from its type of walls to its dimensions. The DCAC DX system automatically measures all the acoustic variables and optimizes the audio settings to provide the best sound experience for each individual viewing room.

TV Side View enables you to enjoy multimedia from your Tablet on your TV

With the free Sony TV Side View app., you can "Throw" (display) your videos, pictures, and music on your TV from your tablet¹¹. Also, control the player remotely with a Sony Tablet®, Android™, device, iPhone®, iPad®, or iPod touch.

Experience movie sound as the director intended it to be

Experience movies as the directors intended them to sound like with Dolby® TrueHD and dts-® HD Master Audio modes¹⁹ that re-produce high definition, discrete sound for uncompromised quality.

Improve the quality of your Digital Music playback

Sony's Digital Music Enhancer compensates for the loss of detailed material resulting from compressed music files such as mp3s. It improves the quality of the audio by extending audio bandwidth and adding missing harmonics to improve brightness, clarity and presence so you hear a deeper, more resonant bass and crystal clear highs. The end result...your music sounds the way it was intended to sound by the artist who made it.

Control everything with the Universal Remote

Spend less time switching remotes and more time watching with Sony's universal remote that allows you to control most major brand televisions and many cable boxes with the universal remote¹⁵.

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

Share your thoughts with your friends on Facebook™ and Twitter® via your TV with the Socialize™ application¹⁷.

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 movies

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 Android™ device and play them on your TV¹⁶.

Start enjoying your movies faster

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

Improve your movie watching experience with I/P noise reduction

I/P noise reduction for the Blu-ray Disc™ drive is specifically designed to eliminate playback noise and to protect it from dust and other debris for a better movie watching experience.

Quickly display multimedia with the Front USB slot

Easily display your videos and photos on your TV or listen to your digital music by connecting your USB storage device to the Blu-ray player's front USB slot for ultimate access⁸.

Specifications

Amplifier		
Amplifier	S-master Digital Amplifier	24bit
Function	AUDIO IN	Yes
	BD/DVD	Yes
	Bluetooth	Yes
	FM	Yes
	HDMI1	Yes
	HDMI2	Yes
	USB	Yes
	TV	Yes
Audio Features		
	Dolby Digital	Yes
Coaxial, Optical	AAC (For ARIB)	Yes

Decoding	Dolby Digital	Yes
	Dolby Digital Plus	Yes (HDMI in)
	Dolby Prologic	Yes (HDMI in)
	Dolby True HD	Yes (HDMI in)
	DSD	Yes(HDMI in; No)
	DTS	Yes
	DTS-ES	Yes(as DTS Core)
	DTS-ES Discrete6.1	Yes(as DTS Core)
	DTS-ES Matrix6.1	Yes(as DTS Core)
	DTS-HD	Yes (HDMI in)
	DTS-HD HR	Yes (HDMI in)
	DTS-HD LBR	Yes (HDMI in)
	DTS96/24	Yes (HDMI in DTS96)
	Muting	Yes
Preset	Yes	

HDMI	Dolby TrueHD bit-stream out	Yes
	DSD to LPCM conversion out	Yes
	DTS HD Master Audio bit-stream out	Yes
	LPCM 2ch out	Yes
	LPCM 6ch out	Yes
	LPCM 8ch out	Yes
Music EQ	Electronica	Yes
	Hip Hop	Yes
	Pop	Yes
	Rock	Yes
	Standard	Yes

Sound Mode	2ch Stereo	Yes
	3D Surround	Yes
	AAV	Yes
	Auto	Yes
	Berlin	Yes
	Demo Sound	Yes
	Digital Music Enhancer	Yes
	DSEE	Yes
	Football	Yes (Enhance/ Narration off)
	Movie	Yes
	Music	Yes
	Night	Yes
Speaker Layout	All front	Yes
	Standard	Yes
Surround Setting	2ch STEREO	Yes
	Dolby Prologic	Yes(~48K)
	DTS Neo:6 (Music/ Cinema)	Yes(~48K) / Yes(~48K)
Tuner	Auto Scan Tuning	Yes
	AV Sync	Yes
	Band	Yes (FM)
	DCAC DX	Yes
	External Antenna (FM/AM)	FM (75ohm)
	Preset Station	20 (FM)
	VACS	Yes
Convenience Features		
FW Update	Disc (CD-R)	Yes
	Network	Yes
GUI	XMB (Xross Media Bar)	Yes
HDMI Features	Audio Return Channel	Yes
	BRAVIA Sync	Yes
	Control for HDMI	Yes

Other	Alpha-numeric FL Display	Yes	
	Auto Power Off (Auto Stand-by)	Yes	
	Bit Rate Indicator	Yes (Video, Audio, BIV)	
	Drive Type (Tray/Slot-in)	Top loading	
	Easy Setup (Quick Setup)	Yes	
	External Input Skip	Yes	
	Illumination LED	Yes	
	PhotoTV HD	Yes	
	Power Save Drive	Yes	
	Screen Saver	Yes	
	SLEEP	Yes	
	Touch Sensor	Yes	
	TV system Default Setting	60Hz	
	USB Keyboard	Yes	
	Parental Control	Child Lock	Yes
		Parental Control	Yes
	Remote Setting Guide	Remote Setting Guide on XMB (Learning)	Yes
Shop Front Mode	Built in Demo	Yes	
	DEMO mode	Yes	
Inputs and Outputs			

Input	Analog Audio Input(s): PIN Jack	1
	Auto Calibration Mic Input(s)	1
	Ethernet	1
	HDMI Input(s)	2
	Optical Audio Input(s)	1
	Super Tweeter	14mm
	USB Input(s)	1
Output	HDMI Output(s)	1
	Network Features	
BIVL	3D Streaming	Yes
	Live Streaming	Yes
	Personal Contents	Yes
	Recom.	Yes
	Subtitle	Yes
	3D Streaming	Yes
	Live Streaming	Yes
	Personal Contents	Yes
	Recom.	Yes
	Subtitle	Yes

DLNA	Contents Throw	Yes (Music, Photo)
	DMP (Digital Media Player)	Yes (Video, Audio, Photo)
	DMR (Digital Media Renderer)	Yes (Video, Audio, Photo)
	Local DMS (Information Server)	Yes (Audio)
	Party Control Screen	Yes
	Smart Select	Yes
	Contents Throw	Yes (Music, Photo)
	DMP (Digital Media Player)	Yes (Video, Audio, Photo)
	DMR (Digital Media Renderer)	Yes (Video, Audio, Photo)
	Local DMS (Information Server)	Yes (Audio)
	Party Control Screen	Yes
	Smart Select	Yes

Entertainment DB Browser (Gracenote etc.)	Cover Art	Yes
	History Browse	Yes
	Information Browse (with Web Browser)	Yes
	Information Display	Yes
	Qriocity	Yes
	Related information	Yes(BD, DVD, CD, USB, BIVL)
	Search Contents	Yes
	Cover Art	Yes
	History Browse	Yes
	Information Browse (with Web Browser)	Yes
	Information Display	Yes
	Qriocity	Yes
	Related information	Yes(BD, DVD, CD, USB, BIVL)
	Search Contents	Yes
Media Remote	BD Remote 1.1	Yes
	BD Remote 2.0 and above	Yes
	Device	Yes(Axis, iPhone, Android)
	BD Remote 1.1	Yes
	BD Remote 2.0 and above	Yes
	Device	Yes(Axis, iPhone, Android)

Network Features	Browser Viewer for IPTV (e.g. BBC)	Yes
	Favorites	Yes
	Party Mode	Yes
	Portal UI	Yes
	Vudu	Yes
	Wake-up on LAN	Yes
	Browser Viewer for IPTV (e.g. BBC)	Yes
	Favorites	Yes
	Party Mode	Yes
	Portal UI	Yes
	Vudu	Yes
	Wake-up on LAN	Yes
	Streaming	Yes
	Streaming	Yes
Web Browser	Java	Yes
	Security Filter	Yes
	Streaming	Yes
	Java	Yes
	Security Filter	Yes
	Streaming	Yes
Wi-fi	Wi-Fi Built in	Yes(2.4GHz)
	Wi-Fi Built in	Yes(2.4GHz)
Playback features		
Playback Control	Repeat All	Yes
	Repeat Chapter	Yes
	Repeat Title	Yes
	Repeat Track	Yes
	Resume - Power Off	Yes (BD, DVD, CD)
	Resume - Stop	Yes
	Speaker	

Center Speaker	Enclosure Type (Bass Reflex/Acoustic suspension/Passive radiator/others)	Bass Reflex
	Input Terminal	Push Type
	Rated impedance	6ohms
	Speaker System	2 way
	Speaker Unit	3 units
	Supplied Cable Length	2m
	Tweeter Unit	20mm
	Type (Tall boy, Micro satellite)	Center
	Woofers unit	60mm x 2
	Front Speaker	Enclosure Type (Bass Reflex/Acoustic suspension/Passive radiator/others)
Input Terminal		Push Type
Rated impedance		6 ohms
Speaker System		3 way
Speaker Unit		4 unit
Supplied Cable Length		4m
Tweeter unit		25mm
Type (Tall boy, Micro satellite)		Tallboy
Woofers unit		80mm x 2

Subwoofer	Active/Passive	Passive	
	Enclosure Type (Bass Reflex/Acoustic suspension/Passive radiator/others)	Bass Reflex	
	Input Terminal	Push Type	
	Rated impedance	6 ohms	
	Speaker System	Subwoofer	
	Speaker Unit	1 unit	
	Supplied Cable Length	3m	
	Woofers unit	180mm	
	Surround Speaker	Enclosure Type (Bass Reflex/Acoustic suspension/Passive radiator/others)	Bass Reflex
		Input Terminal (SCREW/PUSH TYPE/GOLDEN PLATED/PIG TAIL)	Push Type
Rated impedance		3 ohms	
Speaker System		2 way	
Speaker Unit		2 unit	
Supplied Cable Length		5m	
Tweeter Unit		20mm	
Type (Tall boy, Micro satellite)		Desktop	
Woofers unit		80mm	

Supplied Accessories

Remote Control	Model Name	RM-ADP092
	Type (Basic, Step up)	Step up

Wireless Rear Speaker	Auto Calibration Mic	Yes
	Batteries	Yes
	FM Antenna (Pig tail / T type)	Yes
	Quick Setup Guide	Yes
	Warranty Card	Yes
	Wireless Amplifier (5.8GHz)	Yes
	Wireless Surround Transmitter/Receiver	Yes

Supported Media

Audio Format	AAC (.m4a)	Yes (BD, DVD, CD, USB)
	DTS	Yes (BD, DVD, CD, USB)
	LPCM (.wav)	Yes (BD, DVD, CD, USB)
	MP3 (.mp3)	Yes (BD, DVD, CD, USB)
	MP3 ID3 Tag unicode support	Yes
	MP3 ID3 Tag V1.1 Support	Yes
	MP3 ID3 Tag V2.0 Support with Text Info Only	Yes
	MPEG-2 Audio	Yes (BD, DVD, CD, USB)
	WMA Tags	Yes
	WMA9 Standard (.wma)	Yes (BD, DVD, CD, USB)
BD-RE	BD-R	Yes (SL/DL)
	BD-RE	Yes (SL/DL)
BDMV	BD-R	Yes (SL/DL)
	BD-RE	Yes (SL/DL)
Hybrid Disc	BD/CD	Yes
	BD/DVD	Yes
	HDDVD/DVD	Yes (DVD)
Mixed Disc	BD-RE/BDMV	Yes (BDMV)

Photo Format	GIF (.gif)	Yes (BD, DVD, CD, USB)
	JPEG (.jpg, .jpeg)	Yes (BD, DVD, CD, USB)
	PNG (.png)	Yes (BD, DVD, CD, USB)
Supported Media	BD-Live	Yes
	BD-R/RE	Yes(SL/DL)
	BD-ROM	Yes(SL/DL)
	Bonus View	Yes
	CD (CD-DA)	Yes
	CD Graphics	Yes
	CD-R/-RW	Yes
	CD-Text	Yes
	DVD Camcorder 8cm DVD	Yes
	DVD+R	Yes
	DVD+R Double Layer	Yes
	DVD+RW	Yes
	DVD-R	Yes
	DVD-R Dual Layer	Yes
	DVD-R/-RW VR	Yes
	DVD-RW	Yes
	DVD-Text	Yes
	DVD-Video	Yes
	External HDD (Read, Copy/ Move)	Yes(Read)
	File System (FAT32, NTFS, exFAT)	Yes(FAT32, NTFS)
SA-CD (SA-CD/CD) Playback	Yes	
SACD-Text	Yes	
USB Memory	Yes	

Video Format	AVCHD AVCHD Disc Format Folder	Yes
	MPEG-1 Video/ PS (.mpg, .mpeg, .m2ts, .mts)	Yes
	MPEG-2 Video/PS, TS (.mpg, mpeg, .m2ts, .mts)	Yes
	MPEG-4 AVC (.mkv, .mp4, .m4v, .m2ts, .mts)	Yes
	MPEG-4 Simple Profile	Yes
	WMV9 (.wmv, .asf)	Yes
	Xvid HD 1080	Yes
Video		
BD	HD (24Hz) (24p True Cinema)	Yes
	HD (60Hz)	Yes
	HD 24Hz to 60Hz conversion	Yes
	SD (60Hz)	Yes
DVD	DVD 24p output	Yes
	NTSC/PAL (60Hz/50Hz)	Yes (NTSC)
	TV Type Default Setting	Yes
Video Output - BD-ROM	HDMI	Yes
Video Output - DVD R/RW BD R/RE non copy protected	HDMI	Yes
Video Output - DVD Upscaling	HDMI	Yes
Video Output - DVD - Video	HDMI	Yes
Video Features		

3D	IP Content Noise Reduction Pro	Yes
	2D -> 3D	Yes
	BD-ROM	Yes
	Photo Streaming	Yes
Picture Upscale	Video (from camcorder)	Yes
	Super Scaler (Precision CinemaHD upscale)	Yes
Video Features	Up Scaler (4K)	Yes
	Deep Color	Yes (HDMI input: No)
	Disc Drive	Yes
	Preset Picture mode Cinema	Yes(Theater room/Brighter room/Auto/ Direct/ Custom1/ Custom2)
	x.v.Color	Yes (HDMI input: No)
Wireless Amplifier		
Wireless Amplifier (5.8GHz)	Wireless Amplifier	Yes

1. Requires NFC and Bluetooth enabled device and possible downloadable NFC app. Check device's user manual for compatibility.
 2. 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.
 3. Requires 3D content, 1080p 3D HDTV, 3D glasses, 3D emitter, and HDMI™ cable (at least 10.2 Gbps).
 4. Applications must be downloaded from the iTunes® or Android™ application store. Check Android market from your device for compatibility. Requires devices connected to the same wireless home network.
 5. Requires Sony HomeShare™ compatible products and a home network.
 6. Requires a home network with content stored on a DLNA™ compliant PC or server, and HomeShare™ network speaker, dock, or Blu-ray Disc player or home theater system. See dlina.org for compatibility
 7. Simulated 3D image will vary based on source content.

8. Not all USB devices are supported. Please check Owner's Manual for compatibility.

9. Requires compatible HDTV and HDMI® cable—sold separately.

10. Requires devices connected to the same wireless home network

11. 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.

12. Socialize requires user to have Twitter or Facebook account setup on player and internet connectivity.

13. Gracenote® requires internet connection.

14. Not all products supported

15. 4K upscaling requires a 4K projector or 4K TV.

16. Requires a HDMI® cable—sold separately

17. Socialize™ requires user to have Twitter® or Facebook™ account setup on player and internet connectivity.

18. Bluetooth enabled device required. Check device's user manual for compatibility.

19. Requires HDMI® cable and LPCM capable source devices

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