

Key Features

- 1000 watt 5.1 channel surround sound (167 Wx5 +165 W)¹²
- Internet streaming: Netflix®, YouTube™ , Pandora® & more³
- Built-in Wi-Fi®
- 2x HDMI™ inputs with 3D pass-through support
- Includes iPod®/iPhone® dock (video, music and photos)⁵
- Multi-room Music with PartyStreaming⁷
- App for iPhone®/iPad® & Android™ phones⁶
- Blu-ray 3D™ playback capability^{1,2,4}
- Plays music, photos and video via front USB slot¹³
- DLNA® wireless streaming of photos, videos and music⁸
- Dolby® True-HD and dts® HD Enhanced Audio Codecs¹¹



Key Technologies

Internet Video Streaming Instantly stream a wide variety of online movies, videos, TV shows, music, and live sports from Netflix®, YouTube™ , HuluPlus™ , Pandora®, and more.³

Built-In Wi-Fi® Easily connect to the internet through your home's wireless broadband network.¹⁴

1000 Watts for powerful sound Hear everything with incredible impact. The system delivers 1000 Watts total power (165 Watts x 5 + 175 Watts).¹²

Wider Surround Sound Enjoy amazing sound quality over a big area, thanks to uniquely designed speakers that provide a wider "sweet spot" than previous Sony Blu-ray systems. Even when you're watching with the whole family everyone will enjoy great sound.

2x HDMI™ inputs with 3D pass-thru Connect two HD sources via HDMI™ and easily switch between them.¹¹ Enjoy 3D Blu-ray Disc™ movies, video games and other 3D content with compatible players and HDTVs.^{2,4} Fast and easy, HDMI connections combine the quality of pure digital-to-digital signal transfer with the simplicity of a single connection for audio, video and control.

3D Blu-ray Disc™ Full HD 1080p playback Enjoy 3D Blu-ray Disc™ movies in Full HD 1080p.^{1,2,4} Also supports standard Blu-ray Disc movies in high definition, upscales DVDs to near HD quality,¹⁰ and plays CDs for a complete entertainment experience.

iPhone®/iPad® and Android™ phone Remote Control Download the free "Media remote" app to your iPhone®, iPad® or compatible Android™ phone and turn it into a versatile remote.⁶ In addition to basic remote functions and a full Qwerty keyboard, this remote app also lets you search for more information about the movies you are watching on YouTube™ and Wikipedia® and allows you to share information with your friends via Twitter™.⁹

iPod®/iPhone® dock Instantly enjoy your iPod® or iPhone® music, videos and pictures through the included dock.⁵

USB Input Share your videos or photos on the big screen or listen to your favorite music. Simply connect your digital camera, USB-enabled MP3 player, or USB storage device.¹³

Share Personal Entertainment (DLNA®) Wirelessly connect to your PC to stream music, videos and photos to your Blu-ray Disc™ home theater system.⁸

Multi-room Music with PartyStreaming Wirelessly stream music throughout the home to compatible Sony® Network speakers.⁷

Dolby® True-HD and dts® HD codecs Take advantage of the latest and best in Blu-ray Disc™ sound tracks with these enhanced surround sound audio codecs.¹¹

BDV-E580

Sony® BDV-E580 3D Blu-ray Disc™ Home Theater System

Features

Video Features

3D

BD-ROM: Yes
Streaming: Yes

Picture Upscale

IP Content Noise Reduction: Yes
Upscaler (Precision Progressive (NTSC/PAL)): Yes: NTSC

Audio Features

Decoding

DSD: Yes (via HDMI™ Input)
DTS: Yes (via HDMI™ Input)
DTS-ES Discrete 6.1: Yes (via HDMI™ Input)
DTS-ES Matrix 6.1: Yes (via HDMI™ Input)
DTS-HD HR: Yes (via HDMI™ Input)
DTS-HD LBR: Yes (via HDMI™ Input)
DTS-HD MA: Yes (via HDMI™ Input)
DTS96/24: Yes (via HDMI™ Input)
Dolby Digital: Yes
Dolby Digital Plus: Yes (via HDMI™ Input)
Dolby Prologic: Yes (via HDMI™ Input)
Dolby True HD: Yes (via HDMI™ Input)
LPCM (2ch/5.1ch/7.1ch): Yes (via HDMI™ Input)- Supports 2ch/5.1ch/7.1ch

HDMI

DSD to LPCM conversion out: Yes (88.2kHz/44.1kHz)
DTS HD Master Audio bitstream out: Yes
Dolby True HD bitstream out: Yes
LPCM 2ch out: Yes
LPCM 6ch out: Yes
LPCM 8ch out: Yes

Surround Setting

2ch STEREO: Yes
A.F.D. Multi: Yes
A.F.D. Standard: Yes
DTS Neo:6 (Music/Cinema): Yes/Yes (~48K)
Dolby Prologic: Yes (~48K)
Dolby Prologic II (Music / Movie): -/Yes (~48K/~48K)

Tuner

Auto Scan Tuning: Yes
Band (FM/AM): FM
External Antenna (FM/AM): FM (75ohm)
Preset Station (FM/AM): 20 (FM)

Convenient Features

HDMI

Audio Return Channel: Yes
BRAVIA Sync: Yes

Parental Control

Child Lock: Yes
Parental Control: Yes
Software Keyboard

ENG: Yes

Network Features

BIVL

3D Streaming: Yes
Live Streaming: Yes
Recommendation: Yes
Subtitle: Yes

DLNA

DMP (Digital Media Player): Yes (Video, Audio, Photo)
DMR (Digital Media Renderer): Music only but not certified
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
Oricity Recommendation: Yes
Related information: Yes (BD, DVD, CD, USB, Internet Content)
Search Contents: Yes

Wi-Fi

Direct Connect: Yes (Client)
Wi-Fi Built in: Yes (2.4GHz)
Wireless LAN Ready: Yes

Media Remote

BD Remote 1.1: Yes
BD Remote 2.0 and above: Yes
Device: Yes (RMN-U1, iPhone®, iPod® Touch, Android™ device)

Oricity

Streaming: Yes

Specifications

General

Colors: Black
Form Factor: 5.1 System

Region Code (BD): A
Region Code (DVD): 1
Video Specs

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): 60Hz
TV Type Default Setting: 16:9

Video Output - DVD Upscaling

HDMI: Yes

Power

Power Consumption (in Standby): 0.3W
Power Consumption (in Operation): 170W

Audio Specs

Power Output

Center (Reference): 167W
Front (Rated FTC 1%): 60W+60W
Front (Reference): 167W
Sub woofer (Reference): 165W
Surround (Reference): 167W
Total (Reference): 1000W

Speaker

Center Speaker

Enclosure Type (Bass Reflex/Acoustic suspension/Passive radiator/others): Acoustic suspension
Front Grille (Removable/Fixed)/ Material: Fixed / Cloth e net
Full Range Unit: 30x60mm
Input Terminal: PUSH TYPE
Magnetically Shielded: Yes
Model name: SS-CTB103
Rated impedance: 3
Speaker System: 1 way
Speaker Unit: 1 unit
Supplied Cable Length: 6' (2m)
Type (Tall boy, Micro satellite): center

Front Speaker

Enclosure Type (Bass Reflex/Acoustic suspension/Passive radiator/others): Bass Reflex
Front Grille (Removable/Fixed)/ Material: Fixed / Cloth e net
Full Range Unit: 55x80mm
Input Terminal: PUSH TYPE
Model name: SS-TSB106
Rated impedance: 3
Speaker System: 1 way
Speaker Unit: 1 unit
Supplied Cable Length: 9' (3m)
Type (Tall boy, Micro satellite): Micro Satellite

Subwoofer

Active/Passive: Passive
Cabnet Material: PTB
Enclosure Type (Bass Reflex/Acoustic suspension/Passive radiator/others): Bass Reflex
Front Grille (Removable/Fixed)/ Material: No
Input Terminal: PIG TAIL
Model name: SS-WSB104
Rated impedance: 3ohm
Speaker System: Subwoofer
Speaker Unit: 1 unit
Supplied Cable Length: 9' (3m)
Woofer unit: 160mm

Surround Speaker

Enclosure Type (Bass Reflex/Acoustic suspension/Passive radiator/others): Bass Reflex
Front Grille (Removable/Fixed)/ Material: Fixed / Cloth e net
Full Range Unit: 55x80mm
Input Terminal (SCREW/PUSH TYPE/GOLDEN PLATED/PIG TAIL): PUSH TYPE
Rated impedance: 3
Speaker System: 1 way
Speaker Unit: 1 unit
Supplied Cable Length: 30' (10m)
Type (Tall boy, Micro satellite): Micro satellite

Inputs and Outputs

Input

Analog Audio Input(s): PIN Jack: 1
Auto Calibration Mic Input(s): 1
Coaxial Audio Input(s): 1
Ethernet Connection(s): 1
HDMI Input(s): 2
Infrared Input(s): 1
Optical Audio Input(s): 1
USB Input(s): 2

Output

Component Video Output(s): 1
Composite Video Output(s): 1

HDMI Output(s): 1

Supported Media

Photo Format

GIF (.gif): Yes (BD, DVD, CD, USB, DLNA)
JPEG (.jpg?mcs=705, .jpeg): Yes (BD, DVD, CD, USB, DLNA)
PNG (.png): Yes (BD, DVD, CD, USB, DLNA)

Video Format

AVCHD AVCHD Disc Format Folder: Yes
MPEG-4 AVC (.mkv, .mp4, .m4v, .m2ts, .mts): Yes
WMV9 (.wmv, .asf): Yes
Xvid HD 1080: Yes
MPEG-1 Video/PS (.mpg, .mpeg, .m2ts, .mts): Yes
MPEG-2 Video/PS, TS (.mpg, .mpeg, .m2ts, .mts): Yes

Audio Format

AAC (.m4a): Yes (BD, DVD, CD, USB, DLNA)
LPCM (.wav): Yes (BD, DVD, CD, USB, DLNA)
MP3 (.mp3): Yes (BD, DVD, CD, USB, DLNA)
MP3 ID3 Tag V1.1 Support: Yes
MP3 ID3 Tag V2.0 Support with Text Info Only: Yes
MP3 ID3 Tag unicode support: Yes
MPEG-2 Audio: Yes (BD, DVD, CD, USB)
WMA Tags: Yes
WMA9 Standard (.wma): Yes (BD, DVD, CD, USB, DLNA)
DTS: Yes (BD, DVD, CD, USB, DLNA)

Weights and Measurements

Main Unit

W x H x D (mm): 16.9 x 2.9 x 12.5 in (430 x 75 x 320mm)
Weights (Kg): 9 lbs. (4.1kg)

Supplied Accessories

Instruction Manual

English (US) or English (GB): Yes (US)

Remote Control

Model Name: RM-ADP057
Type (Basic, Universal): Basic
UPC Code: 027242809734

- 1080p playback requires HDMI™ cable (sold separately) and HDTV with equivalent display capability.
- Certain circumstances may limit/prevent Blu-ray Disc™ media playback.
- Broadband speed of at least 2.5 Mbps recommended (10 Mbps for HD content). Video quality and picture size vary. Content provided subject to change. Premium content may require additional fees or a paid subscription. Wireless connectivity requires a home network with an 802.11 access point (802.11n recommended).
- 3D viewing requires 3D content, 3D HDTV, a high speed HDMI™ cable (supporting at least 10.2 Gbps) connection, and other 3D accessories (including 3D glasses).
- iPod® supported limited to the following players: iPod nano® 2nd, 3rd, 4th, and 5th generations, iPod classic®, and iPod touch® players. Video and photo viewing requires component cable, sold separately.
- Application must be downloaded from the iTunes application store or Android Market application store. Check Android Market from your device for compatibility. Requires that the Blu-ray Disc Player and remote device be connected to the same wireless network with the remote device connected through an 802.11 access point (802.11n recommended).
- Requires Sony Network speakers (SA-NS400 or SA-NS300), sold separately. Wireless audio streaming requires wireless 802.11 home network.
- DLNA streaming requires a home network with an 802.11 access point (802.11n recommended) and content stored on a DLNA compliant PC or server.
- Requires Internet connectivity. Some disc titles may not be supported by the Gracenote™ service.
- Upscaling requires HDTV with HDMI™ cable (sold separately) and equivalent display capability. Upscaled image quality will vary.
- HDMI™ cable required, sold separately.
- Measurements at 3 Ohms, 80Hz – 1 kHz with a THD of 1%.
- Not all USB devices are supported. Please check Owner's Manual for compatibility.
- Wireless connectivity requires home network with an 802.11 access point (802.11n recommended) and Internet connection.

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