

Key Features

- 7.1 Channel A/V Receiver (110W x7 @ 8 ohms 1kHz 1% THD)
- 7 HD Inputs (4 Active HDMI and 3 Component Inputs)
- Enhanced Color Range (Deep Color and x.v.Color™ technology)⁶
- Blu-ray Disc Audio Decoding (Dolby® TrueHD/dts®-HD/LPCM)
- Wireless Multi-Room Audio Ready (S-Air™ Ready)¹
- Satellite Radio Ready (Sirius Radio Ready)
- Quick Speaker Set Up (Digital Cinema Audio Calibration)



DIGITAL MEDIA PORT



Key Technologies

HD input x 7 Get versatile HD connection options with seven HD inputs. Four HDMI™ inputs (up to 1080/60p capable)¹ let you connect a Sony® PlayStation® 3 entertainment system, Blu-ray Disc™ player, or any other HDMI-capable equipment and get uncompressed digital video and multi-channel digital audio on a single cable per device². Three HD component inputs provide added HD-capable connectivity and added versatility.

Enhanced Color Range (Deep Color & x.v.Color™ technology) x.v.Color and Deep Color technology takes HDTV color expression to new levels. When the STR-DH800 is connected to x.v.Color capable video sources, such as Sony® Blu-ray Disc players, x.v.Color capable BRAVIA® HDTVs can display nearly twice as many (1.8x) viewable colors as the existing RGB color standard, resulting in more natural, life-like images.⁶

Blu-ray Disc™ Audio Decoding (Dolby® TrueHD/dts®-HD/LPCM) Support for enhanced audio formats from Dolby® and dts® capable of reproducing high definition sound with 7.1 channels of discrete audio so you can enjoy uncompromised audio the way the director intended. Dolby® TrueHD and dts®-HD bitstream internal decoding via HDMI™ .

Wireless Multi-Room Audio (S-Air™ Ready) Share music from room to room with ease. Simply “plug and listen” with the optional S-Air transmitter and the AirStation client (each sold separately); you can instantly listen to your favorite music in another room or in multiple rooms¹.

Satellite Radio Ready (Sirius Radio Ready) A world of digital radio is at your fingertips. Connect the optional accessory antenna, sign up for Sirius service (fees apply) and enjoy the variety of digital radio with the superior sound quality of an A/V receiver.

Quick Speaker Set Up (Digital Cinema Auto Calibration) Simply place the included microphone in your listening position, push a single button and speaker placement, distance and delays are automatically adjusted. Your ideal listening experience is only a button away.

One Touch Play (BRAVIA® Sync) BRAVIA® Sync capability utilizes the HDMI™ CEC function to reduce the hassle and time consuming job of powering up and routing signals to your home theater components. With the simple push of one button on the remote, the BRAVIA® Sync feature powers on and selects the appropriate inputs for your BRAVIA HDTV and HDMI-connected A/V components.³

STR-DH800

7.1 channel Blu-ray Disc™ A/V Receiver with more power & connectivity

Features

Audio

dts® Decoding: Yes
 Dolby® TrueHD Decoding: Yes
 Dolby® Digital Decoding: Yes
 Dolby® Digital EX Decoding: Yes
 dts®-ES Decoding: Yes (MATRIX 6.1, DISCRETE 6.1)
 dts® 96/24 Decoding: Yes
 dts® NEO:6 Decoding: Yes
 Dolby® Pro Logic® Decoding: Yes
 Dolby® Pro Logic® II Decoding: Yes
 Dolby® Pro Logic® IIX Decoding: Yes
 Dolby® Digital Dual Mono: Yes
 Digital Cinema Sound™ Technology: Yes
 96k/24Bit PCM: Yes
 Cinema Studio EX. A/B/C mode: Yes
 LPCM: Yes via HDMI™ input
 dts®-HD Decoding: Yes
 Dolby Digital +: Yes
 Neural - THX Surround: Yes (225, 227 only)
 S-Air Ready: Yes

Convenience

A/B Speaker Switch: Yes (A / B)
 Digital Cinema Auto Calibration: Bronze (Mic - Mono)

Specifications

Audio

Impedance: 8 Ohms
 Channel Power Rating: 7.1 Channel Power Rating: 110W x 7 Amp Power (8 ohms, 1KHzTHD 1.0%)
 Sound Fields: Cinema - 4; Music - 6; Auto Format Decoding - 3(7); 2 Channel - 2; Headphone - 2
 Tuner Type: Auto Tuning, Direct Tuning, Station Name
 A/V Sync: Yes (Variable)-300msec/192kHz
 DCAC: Yes (Mono)- 6 band
 Equalizer: BASS and Treble control
 Sub Woofer Crossover: 17 Point (40-200Hz)
 Bi-AMP: Yes
 Bravia® Sync™ : Yes²

Convenience

Preset Memory: 90 (30 Sirius, 30 FM, 30 AM)
 AM/FM Memory Presets: 30 AM, 30 FM
 Auto Tuning: Yes
 Direct Tuning: Yes
 Sleep Timer: Yes
 Station Name Display: Yes
 Sirius Radio Ready: Yes- with optional accessory

Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): 3 (Rear)

HDMI™ Connection Output(s): 1 (Rear)
 HDMI™ Connection Input(s): 4 (Rear)
 Optical Audio Input(s): 3 (Rear)
 Coaxial Audio Digital Input(s): 1 (Rear)
 Component Video (Y/Pb/Pr) Output(s): 1 (Rear)
 HD Component Video Input(s): 3 (Rear)
 HD Component Video Output(s): 1 (Rear)
 Composite Video Input(s): 4 (1 Front/3 Rear)
 Composite Video Output(s): 1 (Rear)
 RCA Audio Input(s): 5 (Rear)
 RCA Audio Output(s): 2 (Rear)
 Subwoofer Output(s): 1 (Rear)
 Antenna Terminal (AM Loop): 1 (Rear)
 Antenna Terminal (FM 75 Ohm): 1 (Rear)
 Headphone Output(s): Yes (Gold)

Power

Power Requirements: 120V 60Hz
 Power Consumption (in Operation): 240W
 Power Consumption (in Standby): 0.3W

Hardware

Remote Control: U-RM, RM-AAU021

Speaker

Speaker Terminal Type: A: Front (Screw)/Others(Push), B:Push

Weights and Measurements

Weight (Approx.): 18.3 lbs. (8.3kg)
 Dimensions (Approx.): 16.9 x 6.2 x 12.6 in (430 x 157.5 x 322mm)

Supplied Accessories

RM-AAP043 Remote
 2 AA Batteries
 Mono Microphone for setup
 Owners Manual
 Quick Start Guide

Color: Black
 UPC Code: 027242754379

1. Transmits up to 164 feet. Signal and sound quality may vary.
2. Works with BRAVIA® or Theatre Sync™ labeled home audio/video products when connected via HDMI.
3. Sirius requires optional antenna and subscription service.
4. Requires Digital Media Port accessory compatible with the device (sold separately).
5. Requires HDTV with HDMI connector (sold separately) and equivalent display capability. Image quality will vary.
6. iPod® support is limited based upon which optional Digital Media Port is being used. The TDM-IP10 will support the following players: iPod® touch, iPod® classic, iPod® Nano 1st, 2nd & 3rd generation, iPod® 4th & 5th generation & iPod® Mini. The TDM-IP 50 adds iPhone™ support as well.

© 2009 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, Walkman, x.v.Color, Bravia, S-Air, BRAVIA, BRAVIA Sync, Theatre Sync, and 24p True Cinema are trademarks of Sony. Playstation is a trademark of Sony Computer Entertainment America Inc. Blu-ray Disc is a trademark. HDMI is a trademark of HDMI Licensing LLC. Dolby and Dolby Digital are registered trademarks of Dolby Laboratories. dts is a trademark of Digital Theater Systems, L.P. BD-Live is a trademark of Blu-ray Disc Association. iPod is a trademark of Apple Computer, Inc. All other trademarks are trademarks of their respective owners. Features and specifications are subject to change without notice. Non-metric weights and measures are approximate.



Please visit the Dealer Network for current information at www.sony.com/dn