

Key Features

- 5.1 Channel A/V Receiver (100W x 5; 8 ohms 1kHz 1% THD)
- 5 HD Inputs (3 HDMI, 2 Component)
- HDMI™ Repeater for simplified audio and video signal management¹
- Blu-ray Disc™ Audio Decoding (Linear PCM Only)
- Audio Return Channel uses just one cable for TV audio²
- Standby pass-through of Audio & Video
- Assignable digital audio inputs allows for use of all digital audio connections
- BRAVIA® Sync™ for multi-device control w/ one remote⁴
- Deep color output and x.v.Color™ support⁵
- Digital Media Port for iPod® (iPod cradle sold separately)⁶
- 24p True Cinema™ pass-through⁷



Key Technologies

5 HD Inputs Get versatile HD connection options with five HD inputs. Three HDMI™ inputs (up to 1080/24p capable) let you connect a Sony® PlayStation® 3 entertainment system, Blu-ray Disc™ player, any 2 other HDMI-capable devices, for high definition video and audio. Two component inputs (1080/60i capable) provide added HD-capable connectivity and versatility.³

HDMI™ Repeater Connect multiple devices via HDMI™ to your A/V receiver, easily switch between them, and then connect everything to your HDTV with just one HDMI cable.³

Blu-ray Disc™ Audio Decoding Experience sound closer to the way it was captured with LPCM.¹

Audio Return Channel Eliminate the need for extra cables connected to your TV. This feature allows audio to be sent from your compatible TV to your receiver through the same HDMI™ cable already being used to send audio and video to your TV.²

Standby pass-through of Audio & Video Conveniently access all your HDMI connected devices without having to power on the receiver

Assignable digital audio inputs Get the most out of each audio input with the ability to reassign digital audio inputs to support connected devices.

BRAVIA® Sync™ Capable Conveniently operate and control all your HDMI™ connected BRAVIA® Sync devices with one remote including: Blu-ray Disc™ Players, BRAVIA® HDTVs, home theater products, Handycam® Camcorders and Cyber-shot® Digital Cameras.⁴

x.v. Color™ Experience close to twice as many (1.8 x's) viewable colors as the existing RGB color standard with x.v.Color technology.⁵

Digital Media Port® Connect a Digital Media Port (DMP) adapter (sold separately) to your A/V receiver and access music from your iPod®, Walkman®, Bluetooth® or PC device.⁶

24p True Cinema™ Mode Watch movies at their native frame rate 24p format (24 frames per second) when paired with a 24p playback device like a Blu-ray Disc™ Player or PlayStation®3 gaming console.⁷

STR-DH510

5.1 ch. High-Definition AV Receiver

Features

General

Power Consumption: 230W
Power Stand By: 0.3W
Auto Standby: Yes
Display: 8 Seg. FL
Panel: Mold, Black (New)
Pin Jack: Nickel
Power Requirement: 120V 60Hz
Remote Commander: U-RM; RM-AAU071
Sleep Timer: Yes

Video

A/V SYNC: Yes(fixed)
A/V Sync Sampling Frequency: 48kHz
A/V Sync Time (msec): 60ms
BRAVIA® SYNC™ (CEC Control): Yes
HDMI Pass Through: Yes
Theater Mode Selector: Yes
Audio Return Channel: Yes
HDMI Active Intelligence: Yes
HDMI™ Video Output Capability: 1080p;
1080/24p; Deep Color; x.v.Color (xvYCC)

Convenience

Auto Tuning: Yes

Amplifier

(80hms 1kHz) THD RMS: 1%
(80hms 20-20kHz) THD: 0.09%
80hms 1kHz RMS: 100W + 100W
80hms 20-20kHz: 90W + 90W
Headphone Out: Yes(Gold)
Night Mode: Yes
Number of Amp channels: 5ch
Portable Audio Enhancer: Yes
Sound Field Program (2ch): 2
Sound Field Program (A.F.D.): 2
Sound Field Program (Headphone): 2
Sound Field Program (Movie): 5
Sound Field Program (Music): 7
Speaker Selector: A
Speaker Terminal: Front(Screw)/Others
(Push)
4 Ohm/8 Ohm Switching: No(8 Ohm only)
Analog Direct: Yes
Cinema Studio EX. A/B/C mode: Yes
DSP: Sharc
Equalizer(F/C/Sur/Sur B) Bass,Mid,Treble:
B,T/-/-/
Sound Field Link (w Lock): Yes(-)
Sub Woofer X' Over: 17 points (40-200Hz)
Type: Analog

Specifications

Inputs and Outputs

A/V In/Out (S-Video I/O): Including Front
AV: 2/1 (0/0) + V1/0
Analog Audio In (Inc TV CEC)/Out (excl.
tuner)/TV(CEC): 2/0/Yes
Coaxial: 1/0
Component Video In/Out (Pass through):
2/1
DMPORT: 1
Digital Input Assign: Yes
HDMI In/Out: (Front input): 3/1
Monitor Out (S-Video Out): 1(0)
Opt. In/Out/TV(CEC): incl Front input & TV
(CEC): 2/0/Yes
Pre Out: SW x1

Tuner

Auto Tuning: Yes
Direct Tuning: Yes(RM)
Preset Channel: TTL60 (-/-/30/30)
Station Name: Yes

Decoding Format(S)

96k/24Bit PCM: Yes
Dolby Digital/DTS: Yes/Yes
Dolby Dual Mono: Yes
Dolby Prologic: Yes
Dolby Prologic II: Yes
LPCM (2CH/5.1CH/7.1CH) thru HDMI:
Yes/Yes/-

Color: Black
UPC Code: 027242780002

1. Requires HDMI™ cable and source device with HDMI output and LPCM capabilities (both sold separately).
2. Requires sources connected with HDMI™ cables (sold separately) and compatible HDTV. Sound quality will vary depending on source.
3. HDMI™ Cables sold separately
4. Works with other BRAVIA® Sync or Theatre Sync™ labeled home audio/video products when connected via HDMI™ interface.
5. Deep Color and x.v. Color™ technology are supported only when source, product, HDMI™ cable, media and HDTV all support those features.
6. iPod® support is limited to the following players with the optional dock: iPod® touch, iPod® classic, iPod® Nano 1st, 2nd & 3rd generation, iPod® 4th & 5th generation & iPod® Mini. The optional TDM-IP50 dock will support iPhones as well.
7. 24p playback capable device required, sold separately.

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