

### Key Features

- 7.1 Channel A/V Receiver (110W x7 @ 8 ohms 1kHz 1% THD)
- 7 HD Inputs (4 HDMI, 3 Component)
- Upconvert/Upscale from analog to 1080p via HDMI<sup>1</sup>
- Dolby® TrueHD and dts® HD Enhanced Audio Codecs<sup>2</sup>
- Wireless 2nd Zone audio (S-AIR™ multi-room capability)<sup>3</sup>
- Digital Cinema Audio Calibration for Quick Speaker Set-Up
- Audio Return Channel uses just one cable for TV audio<sup>4</sup>
- Standby pass-through of Audio & Video via HDMI connected devices
- Fully Assignable inputs allows for use of all connections
- BRAVIA® Sync™ for multi-device control w/ one remote<sup>5</sup>
- Multi Function Digital Media Port<sup>6</sup>
- Universal Remote Control
- 24p True Cinema™ pass-through<sup>7</sup>



### Key Technologies

**7 HD Inputs** Get versatile HD connection options with seven HD inputs. Four 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. Three component inputs (1080/60i capable) provide added HD-capable connectivity and versatility.<sup>9</sup>

**Upconvert/Upcales DVD's to near HD via HDMI™** Improve image quality of analog connected devices to near HD. Analog connected device signals are converted to digital and output via HDMI, making one cable connection from the receiver to the TV possible.<sup>1</sup>

**Blu-ray Disc™ Audio Decoding** Experience sound closer to the way it was captured with LPCM, Dolby® trueHD and dts®-HD master audio codecs.<sup>3</sup>

**Wireless 2nd Zone Audio (S-AIR™ Multi-room Ready)** Share music in up to 10 rooms when you add S-AIR™ receiver/speaker systems (AIR-SA10) and a S-AIR™ Card (EZW-T100) to your S-AIR Capable System (S-AIR Speaker Systems and S-Air Card sold separately).<sup>2</sup>

**Digital Cinema Auto Calibration - Quick Speaker Set Up** Ensure you get the best sound experience from your A/V receiver and speakers with Digital Cinema Auto Calibration. Simply place the included microphone where you will be seated and settings are automatically optimized based on the distance, delays and placement of your speakers.

**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.<sup>4</sup>

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

**Assignable digital audio and video inputs** Get the most out of each audio and video input with the ability to reassign 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.<sup>5</sup>

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

**24p True Cinema™ (pass-through)** Watch movies in their native frame rate (24 frames per second) when paired via HDMI cable with a 24p playback device like a, Blu-ray Disc™ Player or PlayStation®3 gaming console<sup>8</sup>

## STR-DH810

7.1 channel Blu-ray Disc™ A/V Receiver

### Features

#### General

Audio Return Channel: Yes

#### Video

x.v.Color™ Technology: Yes

Deep Color: Yes

HDMI™ Active Intelligence: Yes (1.4)

#### Audio

dts® Decoding: Yes (dts® HD Master Audio)

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

Dolby Digital +: Yes

2nd Zone: Yes (S-AIR™ Wireless Ready)

#### Convenience

Digital Cinema Auto Calibration: 6 Band (auto) w/ included mic

Direct Tuning: Yes (Remote)

Sleep Timer: Yes

Auto Tuning: Yes

Station Name Display: Yes

### 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 - 8; Music - 10; Auto Format Decoding - 2; 2 Channel - 2; Headphone - 2

Tuner Type: Auto Tuning, Direct Tuning, Station Name

A/V Sync: Yes (Variable)-300msec/96kHz

Equalizer: BASS and Treble control

Sub Woofer Crossover: 17 Point (40-200Hz)

Bi-AMP: Yes

Bravia® Sync™ : Yes

#### Convenience

Preset Memory: 60 (30 FM, 30 AM)

AM/FM Memory Presets: 30 AM, 30 FM

### Inputs and Outputs

Digital Media Port: 1 (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)

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

HD Component Video Output(s): 1 (Rear - Y/Pb/Pr)

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)

HDMI™ Pass-through: Yes

### Power

Power Requirements: 120V 60Hz

Power Consumption (in Operation): 240W

Power Consumption (in Standby): 0.3W

### Hardware

Remote Control: Universal (programmable)

### Speaker

Speaker Terminal Type: Screw

### 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)

Color: Black

UPC Code: 027242779969

1. Requires connection via HDMI™ cable (sold separately) to equivalent HDTV. Upscaled/upconverted image and sound quality will vary depending on source.
2. Transmits up to 164 feet. Signal and sound quality may vary. S-AIR™ receiver/speaker systems and a S-AIR™ Card required and sold separately.
3. Dolby® True-HD and dts®-HD Master Audio decoding require HDMI™ cable and capable source device (both sold separately).
4. Requires sources connected with HDMI™ cables (sold separately) and compatible HDTV. Sound quality will vary depending on source.
5. Works with other BRAVIA® Sync or Theatre Sync™ labeled home audio/video products when connected via HDMI™ interface.
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 TDM-IP50 dock will support iPhone® as well.
7. Remote is compatible with most major brands of TVs. Check your owners guide for compatibility.
8. 24p playback capable device required, sold separately
9. HDMI cable required and sold separately.

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