

STR-DH540

Sony 5.2 Ch. 4K AV Receiver

Bring the excitement home with 5.2 channels, 725 watts⁸ and iPhone® and iPod® connectivity. It also handles all of your components with 4 HD inputs and 4K resolution pass-through. Now, all of your music and movies will get the multi-layered sound quality they deserve with HD Digital Cinema Sound and auto calibration for easy set-up.



Bullets

- 5.2 Channel 725W A/V Receiver (145W x 5 @ 6 ohms 1kHz 0.5% THD)
- iPod®/iPhone® video and music playback⁵ via USB
- 4 HDMI™ Inputs
- 4K Pass-through
- HD Digital Cinema Sound™ with Front-High speakers (HD DCS)
- Digital Cinema Audio Calibration for Quick Set-Up
- Dolby® TrueHD, Pro Logic IIz and dts® HD Enhanced Audio Codecs²
- 3D pass-through
- Audio Return Channel uses just one cable for TV audio⁷
- Standby pass-through of Audio & Video via HDMI™ connected devices
- BRAVIA® Sync for multi-device control w/ one remote⁴
- 24p True Cinema™ pass-through

Features

iPod®/iPhone® Music and Video playback

Listen to music and watch video stored on your iPod® or iPhone® while charging your device. ⁵

4 HDMI Inputs

Get versatile HD connection options with six HD inputs. Four HDMI™ inputs (up to 4K) 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.⁶

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.

HD Digital Cinema Sound and Front High Speakers

Optimize your receiver to mimic the sound characteristics of movie theaters. Front Height mode enables vocal height and 3D effects for better positioning of effects giving added depth to visuals and concerts.

4K Pass-through

Future-proof your system and take a quantum leap in video clarity. The STR-DH540 allows native 4K video content to be passed through to a 4K television or projector.

3D Pass-through

Compatible with Blu-ray 3D™ movies, video games and other 3D content¹

Advanced Blu-ray Disc™ Audio Decoding

Experience sound closer to the way it was captured with LPCM, Dolby® trueHD3, ProLogic IIz and dts®-HD master audio codecs.²

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.⁷

Standby pass-through of Audio & Video

Conveniently access all your HDMI™ connected devices without having to power on the receiver.

BRAVIA® Sync Capable

Conveniently operate and control select Sony® BRAVIA® Sync devices with one remote including: Sony Blu-ray Disc™ Players, BRAVIA® HDTVs, Sony home theater products.⁴

24p True Cinema™ (pass-through)

Watch Blu-ray Disc™ movies in their native frame rate (24 frames per second) when paired with a 24p HDTV and playback device like a Blu-ray Disc™ Player or PlayStation®3 gaming console via HDMI™ cable.⁶

Specifications

Amplifier/Receiver		
Amplifier Features	4 Ohm/8 Ohm Switching	Yes (6 ohm)
	Advanced Auto Volume	Yes
	Night Mode	Yes
	Number of Amp channels	5ch
	Speaker Impedance	6-16ohms
	(6Ohms, 1kHz, 1ch driven) THD	0.9%
	(6Ohms, 1kHz, 2ch driven) THD	1%
Amplifier Power	6Ohms, 1kHz, 1ch driven	145W
	6Ohms, 1kHz, 2ch driven	105W+105W
	6ohms, 20-20kHz, 2ch driven	90W+90W / (0.09%)
	Band	6
	DCAC	D.C.A.C.
DCAC Features	Mic	Mono
Audio Features		

Decoding Format	96kHz/24bit	Yes
	Dolby Digital EX/ Dolby Digital	Yes (Dolby Digital EX and Dolby Digital)
	Dolby Dual Mono	Yes
	Dolby Prologic/II / IIX / IIZ	Yes (Prologic, II, IIX, IIZ)
	Dolby TruHD/Dolby Digital +	Yes (Dolby TruHD and Dolby Digital +)
	DTS / DTS-ES (Matrix6.1 / Discrete6.1)	Yes (only Discrete 6.1)
	DTS 96/24/ DTS Neo:6	Yes
	DTS HD MA/ DTS HD HR	Yes/Yes
	LPCM	Yes (2CH/ 5.1CH / 7.1CH)

Sound Field	2ch	Yes
	A.F.D. Auto	Yes
	Analog Direct	Yes
	Headphone 2ch	Yes
	Headphone Direct	Yes
	Jazz Club	Yes
	Live Concert	Yes
	Multi Stereo	Yes
	Neo:6 Cinema	Yes
	Neo:6 Music	Yes
	PLII Movie	Yes
	PLII Music	Yes
	Portable Audio Enhancer	Yes
	Pure Direct	Yes
	Sound Field Link	Yes
Tuner	Auto Tuning	Yes
	Direct Tuning	Yes (via remote)
	Preset Channel (FM/AM)	30 FM, 30 AM
Inputs and Outputs		
Audio Inputs	Analog Audio In	2 (not including AV in)
	Coaxial	1
	Optical In	2
Audio Outputs	Headphone Out	Yes
Speaker Inputs and Outputs	Center	Yes
	Front (Bass/ Treble)	Yes
	Front A (L/R)	Yes

Video Inputs	AV In: Including Front AV	2
	Composite Video Out: Inc. Monitor Out	1
	HDMI In	4
	HDMI Out	1

Other

General	Auto Standby	Yes
	Digital Input Assign	Yes
	Display	10 digit dot matrix
	Power	200W
	Power	0.3W
	Power	120V 60Hz
	Sleep Timer	Yes (up to 2 hours)

Video Features

A/V Sync Features	A/V SYNC	Yes(Fixed)
	A/V Sync Sampling Frequency	48kHz
	A/V Sync Time (msec)	60msec
HDMI™	3D over HDMI	Yes
	Audio Return Channel	Yes
	Audio Widget	Yes
		Yes (One-Touch Play, System Audio Control, System Power Off, Theater Mode(No button on RM))
	HDMI(tm) video output capability	4K, 1080p, 1080/24p Deep Color (up to 36 bit) x.v.Color (xvYCC)
	Power Off Pass Through	Yes

Weight and Measurements

Weight and Measurements	Receiver Dimension (WxHxD inches)	17 x 6-1/4 x 13 (430 x 156 x 329.4 mm)
	Receiver Weight (pound)	16 lb 61oz (7.7 kg)

1. Requires 3D content, 3D HDTV, 3D glasses and HDMI® cable (at least 10.2 Gbps).

2. Requires HDMI® cable and LPCM capable receiver.

3. Requires HDTV with equivalent display and HDMI cable sold sep.

4. Syncs with BRAVIA® Sync or Theatre Sync™ products.

5. iPod® support is limited to the following players: iPod touch®, iPod classic®, iPod nano® 1st, 2nd & 3rd generation, iPod® 4th & 5th generation & iPod mini and iPhone 3G, 3Gs and 4G models.

6. Requires HDMI® cable sold sep.

7. Requires HDTV and HDMI® cable sold sep.

8. 745 Watts Total System power (145W x 5 @ 6 ohms 1kHz 0.5% THD).

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