

# SONY

## STR-DN1080

### 7.2 ch. Dolby Atmos® Wi-Fi® Network AV Receiver

Experience true home theater without limitations with this 7.2 channel receiver with Dolby Atmos® 3D and DTS:X object-based surround sound, plus 4K HDR and HDCP 2.2 compatibility.<sup>1</sup> Enjoy the flexibility of 6-in/2-out HDMI<sup>2</sup> and multi-room listening, plus voice control powered by Google Home.<sup>4</sup> All in a smaller chassis that fits more places.



#### Bullets

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- Supports Dolby Atmos® 3D and DTS:X® object-based surround sound up to 7.1ch
- 7.2 Ch. A/V Receiver (165 W x 7 @ 6 ohms, 1 kHz, THD 0.9%), plus powered 2nd zone and available 3<sup>rd</sup> zone connectivity and control
- 4K HDR compatibility with HDCP 2.2 support<sup>1</sup>
- 6-in/2-out HDMI<sup>2</sup> flexibility
- Expand your listening and control with multi-room and Google Home compatibility<sup>4</sup>
- Digital Cinema Auto Calibration EX with speaker relocation technology
- Expand 5-channel surround sound with phantom rear surround speaker channels
- Experience amazing sound with Hi-Res Audio up to DSD 5.6
- Enhanced setup and usability via rich GUI and streamlined remote
- Dual-band Wi-Fi® for Airplay®, DLNA®, Chromecast built-in and Spotify Connect<sup>3</sup>

#### Features

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##### Experience Dolby Atmos® and DTS:X® object-based surround sound

With Dolby Atmos® and DTS:X object-based surround sound, you'll feel like you're inside the action as the sounds of people, music and objects move all around you in three-dimensional space.

##### Powerhouse sound performance

With 7.2 channels of room-filling sound and 165W (165 W x 7 @ 6 ohms, 1 kHz, THD 0.9%) per channel, this powerhouse envelops you in a new level of sound performance. You can also expand your audio/video experience beyond the living room with powered 2<sup>nd</sup> zone, plus an available 3<sup>rd</sup> zone connectivity and control.

##### 4K HDR compatibility with HDCP 2.2<sup>1</sup>

Supporting 4K 60p 4:4:4, this receiver is a great partner for latest TVs that can display the latest content mastered in HDR (High Dynamic Range) for truly spectacular contrast and tonal range. It's also compatible with HDCP 2.2 copy protection, so you're ready for the latest 4K formats.<sup>1</sup>

##### 6-in/2-out HDMI

With six HDMI inputs and two HDMI outputs—including one dedicated second zone HDMI output—there's space for your current equipment and scope to expand.<sup>2</sup>

##### Google Home compatibility and wireless multi-room listening

Connect with your Google Home control network<sup>4</sup> and enjoy voice activation as a part of a whole-home solution. Control what music you want—and where—by the sound of your voice. Even turn up the volume, skip to the next track, or stop the music, all without lifting a finger. With powerful multi-room capability, you can easily expand and control your music across multiple, compatible speakers in separate rooms. You can also cast music, podcasts and radio from 100+ apps with Chromecast built-in.

##### Digital Cinema Auto Calibration EX with speaker relocation technology

Enjoy a home theater system that adjusts to your space, instead of the other way around. D.C.A.C. EX with stereo mic is Sony's unique auto calibration technology that adjusts speaker output to closely simulate the sound of optimally positioned and angled speakers. The results are nothing short of breathtaking, with the entire sound field seamlessly integrated for outstanding surround sound.

##### Phantom surround speaker channels

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Can't fit seven-channel surround sound? No problem. Phantom rear surround channels will transform your five-channel system into a seven-channel system.

## Experience amazing sound with Hi-Res Audio and native DSD up to 5.6

Experience digital music at its best with High-Resolution Audio. Enjoy studio-quality sound in higher-than-CD quality that feels like the artist is performing right in front of you. The receiver supports a wide variety of High-Resolution audio formats including high bit rate 192k/24-bit WAV/FLAC audio playback, and even native DSD up to 5.6MHz. Additional file formats supported include: MP3, AAC, WMA, WAV192k, FLAC 192k, ALAC, AIFF.

## Enhanced setup and usability via rich GUI and streamlined remote

Easily set-up and control the A/V receiver via an intuitive on-screen graphical user interface. Change inputs, adjust settings and confirm volume levels on-screen.

## Dual-band Wi-Fi® for Airplay®, DLNA® and Chromecast built-in and Spotify Connect<sup>3</sup>

Wirelessly connect with dual-band Wi-Fi and stream music stored on your home network or favorite devices, including Airplay compatibility with iPhone®/iPod® Touch, iPad® or iTunes®.<sup>3</sup> You can also play Spotify using the Spotify app as a remote.<sup>3</sup> Even jump right back into the last track you were listening to on your Spotify account by pushing the Music Service button.

## Stream audio via Bluetooth and control your experience with your phone or tablet<sup>3,5</sup>

Download the free SongPal™ and Network Audio Remote apps from iTunes® or the Google™ Play Store and use your iPhone® or Android™ devices with the SongPal™ app to control receiver functionality including volume and input selection.<sup>3,5</sup>

## Specifications

Amplifier/Receiver		
Audio Features	A/V SYNC	Yes (Variable)
	A/V Sync Time/Sampling Frequency	0-300msec
	Center Speaker Lift Up	Yes
	Cross Over Frequency	17 points(40-200Hz)
	Decodable channel number	7ch + Phantom 2ch
	Digital Legato Linear	Yes
	DSD Native Playback	Yes
	DSEE HX	Yes (USB/Home Network/Bluetooth-RX/Spotify Connect)
	In-Ceiling Speaker Mode	Yes
	OP processing	Yes
	Pure Direct	Yes
	Sound Optimizer	Yes
	Speaker Selector	A/B/A+B/OFF
	Speaker Terminal Type	Screw (Ni)
Audio Input	Analog Audio In	4
	Coax.	1
	Optical In	1
Audio Output	Headphone Out	Yes (Gold)
	Pre Out (Subwoofer)	2
DCAC Features	Automatic Phase Matching	Yes
	D.C.A.C. EX / Advanced D.C.A.C. / D.C.A.C.	D.C.A.C. EX
	Mic	Calibration Mic: Stereo
	Phantom Surround Back	Yes
	Speaker Relocation	Yes

Input/Output Others	Bluetooth Receiver	Yes
	Bluetooth Transmitter	Yes
	Ethernet	Ethernet Port (Power over Ethernet): 1 (-)
	NFC	Yes
	USB Front(ver) / Rear(ver)	Yes (2.0) / -
	Wi-Fi	Yes (2.4GHz/5GHz), (11a/b/g/n)
Output Power	Center	165W (6ohms, 1kHz, 1ch driven THD 0.9%) / 120W + 120W (6ohms, 1kHz, 2ch driven THD 0.9%) / 100W + 100W (6ohms, 20-20kHz, 2ch driven 0.09%)
	Front	165W (6ohms, 1kHz, 1ch driven THD 0.9%) / 120W + 120W (6ohms, 1kHz, 2ch driven THD 0.9%) / 100W + 100W (6ohms, 20-20kHz, 2ch driven 0.09%)
	Number of amp. channels	7ch
	Speaker Impedance	6-16 ohms
	Surround	165W (6ohms, 1kHz, 1ch driven THD 0.9%) / 120W + 120W (6ohms, 1kHz, 2ch driven THD 0.9%) / 100W + 100W (6ohms, 20-20kHz, 2ch driven 0.09%)
	Surround Back	165W (6ohms, 1kHz, 1ch driven THD 0.9%) / 120W + 120W (6ohms, 1kHz, 2ch driven THD 0.9%) / 100W + 100W (6ohms, 20-20kHz, 2ch driven 0.09%)
Sound Field	2ch	Yes
	Audio Enhancer	Yes
	Auto Format Decoding	Yes
	Direct	Yes
	Dolby Surround	Yes
	Front Surround	Yes
	Headphone 2ch	Yes
	Multi Stereo	Yes (Multi Ch Stereo)
	Neural:X	Yes
Speaker Out	Bi-AMP	Yes (Common with Surround Back)
	Center	Yes
	Front A	Yes
	Front B	Yes (Common with Surround Back)
	Height	Yes (Common with Surround Back)
	Surround	Yes
	Surround Back	Yes
	Zone2	Yes
Tone Control	Center (Bass/Treble)	Yes
	Front (Bass/Treble)	Yes
	Height (Bass / Treble)	Yes
	Surround (Bass/Treble)	Yes
	Surround Back (Bass/Treble)	Yes
Tuner	Auto Tuning	Yes
	Direct Tuning	Yes
	FM/AM	Yes (FM)
	Preset Channel (FM/AM)	TTL30 (30/-)
	Station Name	Yes
Video Input	Composite (Front)	2 (-)
	HDMI Input supporting HDCP2.2(Front)	6(0)
Video Output	Composite Monitor Out	1
	HDMI Output supporting HDCP2.2	2 (1:Assignable)

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Audio Features	Audio Return Channel	Yes
	S-Select	Yes
Decoding Formats	Dolby Atmos	Yes
	Dolby Digital	Yes
	Dolby Dual Mono	Yes
	Dolby TruHD/Dolby Digital Plus	Yes / Yes
	DSD	Yes (Up to 2.8MHz 5.1ch)
	DTS:X	Yes
	DTS / DTS-ES (Matrix6.1 / Discrete6.1)	Yes / Yes
	DTS 96/24	Yes
	DTS HD MA / DTS HD HR	Yes / Yes
	LPCM	Yes (Up to 192kHz/24 bit 7.1ch)
	Others	Audio Widget
BRAVIA@ SYNC™ (CEC Control)		Yes (One-Touch Play, System Audio Control, System Power Off)
Standby Through		Yes
Video Features	3D over HDMI	Yes
	4K 60p 4:4:4 Support	Yes (except VIDEO1 input)
	4K Up Scaling (From HDMI Input to HDMI Output)	Yes
	HDR	Yes
Installation		
Control Features	CIS IP Control	Yes
	IR Repeat (In/Out)	Yes(1/1)
Controller Connectivity	SDDP(Control4)	Yes
Features	2nd A	Speaker (Variable) / Line (Variable, Fixed)
	HDMI Zone	Yes
	Multi Zone Line Out Level Control (Zone2/Zone3)	Yes (Yes/-)
	Multi Zone Volume Control (Zone2/Zone3)	Yes (Yes/-)
Language		
Help Guide	English(US) or English(GB)	Yes
	French or French(CA)	Yes
	Spanish or Spanish(LA)	Yes
Instruction Manual	English(US) or English(GB)	Yes
	French or French(CA)	Yes
	Spanish or Spanish(LA)	Yes
Quick Setup Guide	English(US) or English(GB)	Yes
	French or French(CA)	Yes
	Spanish or Spanish(LA)	Yes
Network Features		

Network Features	AAC	Yes
	AirPlay	Yes
	ALAC	Yes (Up to 192kHz/24 bit 5.1ch)
	DSD	Yes (Up to 5.6MHz 5.1ch)
	DSF	Yes (Up to 5.6MHz 5.1ch)
	FLAC	Yes (Up to 192kHz/24 bit 5.1ch)
	Google Cast	Yes
	LPCM	WAV (LPCM): Yes (Up to 192kHz/24 bit 7.1ch), AIFF(LPCM): Yes (Up to 192kHz/24 bit 5.1ch)
	Mobile Application	SongPal / Video & TV sideview
	MP3	Yes
	Music Decoding Formats for Network Client	(MP3).mp3, (AAC/HE-AAC).m4a, .aac, (WMA9 Standard).wma, (LPCM).wav, (FLAC).flac, .fla, (DSF).dsf, (DSDIFF).dff, (AIFF).aiff, .cif, (ALAC).m4a,
	Music Service Button	Yes (Remote controller)
	Network Player/Renderer	Yes/Yes
	SongPal compatible models with iPod/iPhone/iPad	iPhone 7 Plus, iPhone 7, iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPhone 4s, iPod touch (5th and 6th generation)
	SongPal Link	Yes
Spotify Connect	Yes	
Wireless Multi Room	Yes	
WMA	Yes	
Other		
Additional Features	Easy Setup Wizard	Yes
	GUI	Yes (Only through HDMI), GUI Blending
	GUI Language	English, French, Spanish
Customize Features	Custom Preset (Easy Automation)	Yes
	Input Assign (HDMI/Component/Opt/Coax)	- / - / Yes / Yes
	Sleep Timer	Yes (up to 2 hours)
General	Auto Standby	Yes
	Detachable AC	Nickel
	Power Consumption	240W
	Power Consumption(Power Stand By)	0.4W Bluetooth Standby: 2.5W
	Power Requirement	120V 60Hz
	Remote Commander	Simple Remote
	System Update (Internet/USB/PC)	Yes (Yes / Yes / No)
USB Type A		



USB Mass Storage	AAC	Yes
	ALAC	Yes (Up to 192kHz/24 bit 5.1ch)
	DSD	Yes (Up to 5.6MHz 5.1ch)
	DSF	Yes (Up to 5.6MHz 5.1ch)
	FLAC	Yes (Up to 192kHz/24 bit 5.1ch)
	Interface	2.0
	LPCM	WAV (LPCM): Yes (Up to 192kHz/24 bit 7.1ch), AIFF(LPCM): Yes (Up to 192kHz/24 bit 5.1ch)
	MP3	Yes
	Music Decoding Formats	(MP3).mp3, (AAC/HE-AAC).m4a, .aac, (WMA9 Standard).wma, (LPCM).wav, (FLAC).flac, .fla, (DSF).dsf, (DSDIFF).dff, (AIFF).aiff, .aif, (ALAC).m4a,
	WMA	Yes
Walkman Connectivity	Music/Video/Photo	Yes/-/-
Accessories		
Accessories	Supplied Accessories	Calibration microphone FM wire antenna Remote control R03 (size-AAA) batteries
Weight and Measurements		
Weight and Measurements	Carton Dimensions (WxHxD mm)	19 5/8 x 8 3/8 x 15 5/8 inches (496 x 211 x 396 mm)
	Carton Weight (kg)	24 lb 5 oz (11 kg)
	Receiver Dimension (WxHxD inches)	17 x 6 1/4 x 13 1/8 inches (430 x 156 x 331 mm)
	Receiver Weight (pound)	20 lb 1 oz (9.1 kg)

1. Requires 4K TV, 4K video player and High speed HDMI cables with Ethernet. (Premium High Speed HDMI cables with Ethernet is required for 4K 60p 4:4:4 8 bit and 4K 60p 4:2:0 10 bit, etc.).
2. Requires HDMI® cable sold separately. (HDMI-24P)
3. SongPal app must be downloaded from the iTunes App store or Google Play store. Requires devices connected to the same wireless home network. Network services, content and software of this product may be subject to individual terms and conditions and changed, interrupted or discontinued at any time and may require fees, registration and credit card information.
4. Google product model XXX (sold separately) compatible with [select] Sony sound bars {OR INSERT MODELS X, Y, and Z}. Requires compatible devices connected to the same wireless home network. Download the Google home app from the iPhone App Store or Google Play. Subject to third party app terms and conditions. User must link compatible devices in order to control operation. Once download is complete, the Google Home feature may be connected to the Sony device to access the voice control function.
5. Interoperability and compatibility among Bluetooth® devices vary.

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