

SONY

RSX-GS9

High-Resolution Audio Media Receiver with Bluetooth

Take your in-car audio to outstanding new heights with the RSX-GS9 media receiver. By uniting premium components with our greatest audio technologies you can be sure you'll always enjoy high-quality audio when on the road.



- High-Resolution Audio compatible with wide codec support
- ESS DAC chip provides optimum quality from all your digital music files
- DSEE HX™ upscaling restores quality to compressed files
- SongPal™ app system control¹
- Direct USB DAC connection for direct streaming playback with the ESS DAC
- USB playback and smartphone charging
- Integrated Bluetooth® technology
- One-touch listening with NFC
- 5-volt RCA and optical outputs for amplifier or processor connection
- 14 mm aluminum front panel with white OLED display
- Super rigid dual layer chassis for anti-resonance and low-noise design

High-Resolution Audio compatible with wide codec support

Enjoy pure detail in everything you listen to. The RSX-GS9 is the world's first in-car media receiver with native DSD playback², a codec designed specifically for High-Resolution Audio. You can also enjoy your music from a variety of popular codecs: PCM, FLAC, ALAC, WAV, WMA, AIFF, AAC & MP3.

ESS DAC chip provides optimum quality from all your digital music files

Experience the same caliber of sound usually reserved for high-end home audio products, thanks to the ESS DAC chip—an industry-leading converter that provides optimum quality from all your digital music files. By implementing patented 32-bit Hyperstream™ architecture and Time Domain Jitter Eliminator, the ES9018S (as known as SABRE32 DAC) delivers an unprecedented dynamic range of up to 135dB and THD+N of -120dB, the industry's highest performance level that will satisfy the most demanding audio enthusiasts.

DSEE HX™ upscaling restores quality to compressed files

DSEE HX™ technology injects more life into your music, upscaling compressed files to near High-Resolution Audio quality. Restoring the subtleties of the original recording gets you closer to the sound of a live performance.

SongPal™ app system control¹

Available for both Android™ and compatible iOS devices. The SongPal™ app lets you use your smartphone or tablet as a convenient system remote. Easily adjust system sound and display settings. You can find your desired music in connected USB devices by browsing through the folder (album) list displayed on your smartphone display.

Direct USB DAC connection for direct streaming playback with the ESS DAC

To get the best quality audio from your receiver, simply hook up your high-resolution capable smartphone or media device to the front USB micro port for direct streaming playback with the ESS D/A converter.

USB playback and smartphone charging

Connect control & charge your Walkman®, iPod®, iPhone®, Android™, BlackBerry®, or other compatible USB device while accessing your digital music files via the front or rear USB input or connect your High-Resolution Audio capable smartphone or player to the front-facing micro USB port. The USB ports provide up to 2.1 amp maximum output for charging your portable devices.

Integrated Bluetooth® technology

Easily take calls and listen to your favorite tunes with integrated Bluetooth® technology.

One-touch listening with NFC

Enjoy simplified Bluetooth® connectivity with Near Field Communications (NFC) technology. Simply align compatible devices and NFC logos to activate or deactivate pairing.

5-volt RCA and optical outputs for amplifier or processor connection

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Use the 3 pairs of 5-volt, gold-plated RCA preamp outputs to your amplifiers for optimum sound quality or connect the RSX-GS9 to a sound processor with the optical output, selectable to either 48kHz or 96kHz.

Advanced Sound Engine

The new Advanced Sound Engine includes adjustable EQ10 equalizer, selectable slope LPF/HPF crossovers, Listener Position calibration (Time Alignment) and Clear Audio+ to deliver an amazing listening experience.

14 mm aluminum front panel with white OLED display

The front panel is made of a 14mm, machine-cut solid piece of aluminum, which is fixed to the chassis and has a black anodized coating. The four keys and volume knob are made from aluminum as well. An OLED display gives you track or station information.

Rigid dual-layer chassis for clean, distortion-free sound

The RSX-GS9's chassis boasts four times the rigidity of conventional head units, making sure that external vibrations do not cause distortion. The digital and analog circuits are mounted in separate layers as far apart as possible, preventing the noise that can result from electromagnetic interference and ensuring premium in-car sound quality.

Steering wheel control ready input

This receiver is compatible with aftermarket remote control adapters designed to utilize the vehicles existing, primary radio controls directly from the steering wheel. The 1/8" rear panel mounted remote input jack allows for simple connectivity.

Convenient wireless remote included

Control your receiver with the included wireless card remote (RM-X261).

Specifications

Bluetooth Feature & Device / BT Spec.		AVRCP	Yes
Secure Simple Pairing	Yes	HFP	Yes
Version	3.0	SPP	Yes
Bluetooth Audio Feature		Feature & Device / Other features	
Audio Codec	SBC/AAC/LDAC	Card Remote (): Option	Yes (same as E ver.)
Audio Level Adjustment	Yes (-6dB - +6dB)	Clock	12H
CUE/REV	Yes	Steering Wheel Remote Input	Yes
PAUSE	Yes	Feature & Device / AUX in Feature	
TRACK +/-	Yes	Level Adjustment	Yes (-8dB - +18dB)
Bluetooth Feature		Feature & Device / Amp & General Feature	
Call Volume Level Control	Yes	Aux-In	Yes (Front)
Echo/Noise Canceler	Yes (mode 1 / mode 2)	Balance	Yes
External microphone	Supplied	EQ	Yes (EQ10)
Internal ringtone	2014 Sony Mobile Ringtone	Fader	Yes
MIC GAIN Adjustment	Yes (Low / Mid / High)	High Pass Filter	Yes (OFF/50/63/79/99/125/158/198/250(Hz))
RF ON/OFF	Yes	High Voltage Pre Out	Yes
Ring alert select	Yes (Internal / Cellular)	Loudness	Yes
Ring volume level control	Yes	Low Pass Filter	Yes (PCM:OFF/50/63/79/99/125/158/198/250, DSD:OFF/150(Hz))
Bluetooth Feature & Device / Other features		Pre Out	Front / Rear / Sub
Device Name	RSX-GS9	Sub Out	Yes
SongPal (Android)	Yes	Sub Woofer adjust (LEVEL)	Yes
SongPal (iOS)	Yes	Sub Woofer Phase	Yes
Bluetooth Feature & Device / Profile		Time Alignment Custom	Yes (Adjustable)
A2DP	Yes	Time Alignment Preset	Yes

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USB	Yes (Type A: for Front / Rear, uB for Front)
Display Panel	
Dimmer Adjust	ON / OFF / AUTO
Key Illumination Initial	ON
Panel Design	
Display color (Color Variation/ Nega or Pos)	Monochrome (2 tone)
Display Device (LCD/FL/OEL/TFT)	OEL (with acryl)
Key Illumination	Yes (White)
Tuner Feature	
Preset	FM18/AM12
RDS/EON (NA Only:RBDS, Others:RDS)	Yes (RBDS)
Specifications chart / Tuner	
FM: Channel separation (dB)	50
FM: Frequency response (Hz)	20-15k
FM: S/N ratio (mono) (dB)	73
FM: Selectivity (400 kHz) (dB)	75
FM: Tuning range (MHz)	87.5-107.9
FM: Usable sensitivity (75 ohm) (dBf)	8
MW: Tuning range(kHz)	530-1710
USB Mass Storage Device Control Feature	
CODEC (for USB)	MP3/WMA/WAV/AAC/FLAC/ALAC/AIFF/DSF/DSDIFF
List Browsing (Folders/Files)	Yes (Controllable by APP)
Pause	Yes

Repeat	OFF / TRACK / ALBUM / ALL (Controllable by APP or remote)
Resume Play	Yes (Resume from the start)
Shuffle	OFF / ALBUM / DEVICE (Controllable by APP or remote)
iPod Control Feature	
CODEC (for iPod)	depend on iPod
Passenger Control	Yes (Always ON)
Pause	Yes
Resume Play	depend on iPod
USB-capable	
USB Mass Storage Device	Yes
Instruction Manual Language	
English	Yes
French	Yes
Safety Standard	
FCC	Yes
NFC	
NFC	Yes (One-touch connection)
Others	
Ant connector	JASO type
Cosmetic Print	
IR	Yes
Other logos	NFC
Product name	Yes
USB jack logo (Trident)	Yes (for Type A)
Accessories	
Supplied Accessories	Warranty card (3 years, US) Trim Ring (Collar) Instruction Manual
Weights and Measurements	
Dimensions (Approx.)	178 x 50 x 167 mm Mounting dimensions: 182 x 53 x 154 mm
Weight (Approx.)	1.5kg

1. What you can control with "SongPal" varies depending on the connected device. To make use of "SongPal" features, see the details on your iPhone/Android phone. For further details on "SongPal," visit the following URL: <http://rd1.sony.net/help/speaker/songpal/>

2. Correct as of 06/24/2015

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