YAMAHA

AV Receiver
RX-S601

Slim and compact 5.1-channel Network AV Receiver offers *Bluetooth*® and Wi-Fi Built-In compatibility. Advanced features include High-Resolution audio playback support and 4K Ultra HD pass-through compatible with HDCP2.2.

Audio Features

- 5-channel powerful surround sound
  60W per Channel (6 ohms, 20Hz–20kHz, 0.09% THD, 2 ch driven)
  95W per Channel (6 ohms, 1 kHz, 0.9% THD, 1 ch driven)
  125W per Channel (6 ohms, 1kHz, 10% THD, 1ch driven)
- HD Audio format decoding: Dolby TrueHD and DTS-HD Master Audio
- Full discrete amp configuration
- Burr–Brown 192 kHz/24–bit DACs for all channels
- Direct Mode for high quality sound reproduction
- Low jitter PLL circuitry helps optimise sound imaging
- DSD 2.8MHz/5.6MHz audio playback
- FLAC or WAV 192kHz/24–bit audio playback
- Apple Lossless audio playback
- Compressed Music Enhancer for *Bluetooth*
- Aluminium front panel for enhanced rigidity and attractiveness

Video Features

- 4K Ultra HD pass-through for super high resolution images
- HDMI (6 in/1 out) with HDCP2.2 (1 in/1 out), 3D and Audio Return Channel
- Supports Deep Colour (30/36 bit), x.v.Colour, 24 Hz Refresh Rate and Auto Lip–Sync compensation

Advanced Features

- *Bluetooth* for wireless music streaming (SBC/AAC)
- Network functions
  - Wi-Fi Built-in (802.11b/g/n)
  - Easy Wi-Fi setup i.e. iOS Wi-Fi settings sharing, WPS etc.
  - Wireless Direct connects a mobile device directly without home network
  - AirPlay allows music streaming from Mac, PC, iPod, iPhone, iPad
  - AV Controller app for operating various functions from iOS or Android smartphones and tablets
  - Access to: Internet Radio (vTuner): MP3, WMA
        Streaming Services (Pandora®*, Spotify®*, JUKE®*) *Music service availability varies by region.
        Music files on PC/NAS: WAV, MP3, WMA, AAC, FLAC, Apple Lossless, AIFF, DSD
  - DLNA 1.5 certified
- Charging of iPod and iPhone via USB when AV Receiver is off
- iPod/iPhone song titles displayed in English and Western European languages on the front panel

- Multi language colour OSD for improved visibility (English, German, French, Spanish, Russian, Italian, Japanese and Chinese)
- HDMI CEC with versatile control from AV Receiver remote control
- YPAO sound optimisation for automatic speaker setup
- Audio input assign capability for HDMI input
- Ability to change HDMI input while in Standby Through mode
- Audio Delay for adjusting Lip–Sync (0–500 ms)
- 40-station preset tuning / Auto preset tuning
- New–design remote control
- Background Video feature (for Radio only)
- SCENE buttons with direct power on (BD/DVD, TV, Net and Radio)
  - Quick and simple to use
  - HDMI CEC powers up compatible TVs and Blu-ray Disc™ players
- Main Zone (3ch) + Zone2 (2ch) configuration with Party Mode

Surround Realism

- HD Audio decoding with CINEMA DSP 3D (17 DSP programmes)
- Compressed Music Enhancer with CINEMA DSP
- Virtual Presence Speaker function for CINEMA DSP 3D surround without Front Presence Speakers
- Virtual CINEMA FRONT provides virtual surround sound with 5 speakers in front
- Extra Bass enriches the powerful bass sound even with small speakers
- Adaptive DRC (Dynamic Range Control) and Adaptive DSP level
- SILENT CINEMA and Virtual CINEMA DSP

Eco-Friendly Design

- ECO mode operation for about 20%* less power consumption
  *Compared to power consumption when ECO mode is off (Yamaha measurement).
- Auto power standby function with variable time setting
- Low standby power consumption of 0.1W

The RX-S601 offered with black, titanium and white finish available in some areas.

Compact, yet Packed with Quality and Advanced Features

Slim and compact for easy installation, the RX-S601 delivers maximum quality with minimum size, thanks to a revamped ground and power supply pattern, as well as meticulously selected and custom designed parts, such as the transformer and heat sink. Features analogue discrete amplifier construction and high power output, despite the slim and compact design.

Wireless Audio Streaming and Hi-Res Audio

Bluetooth support gives you the convenience of wireless music playback, while Wi-Fi Built-in improves installation flexibility. These two features provide easy access to countless music sources. In addition, compatibility with FLAC/WAV/AIFF 192kHz/24bit, Apple Lossless and DSD 2.8MHz/5.6MHz formats means that you can easily play high resolution audio from a networked NAS, PC or USB.

Smartphone   AV Receiver   Wireless Router   Streaming Services / Internet Radio   PC / NAS

4K Ultra HD Support with 4K60p, HDCP2.2

This unit completely supports with the latest HDMI standards. Thanks to transmission of 4K video at 60 frames per second pass-through, you can fully enjoy the high definition video quality of 4K without degradation. It also adheres to the HDCP2.2 copyright protection standard for 4K video transmission.
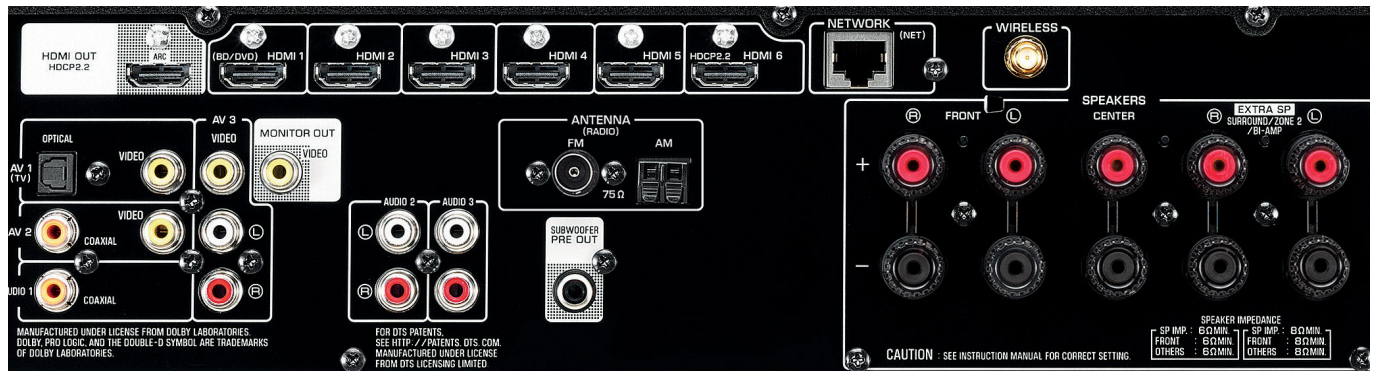
4K Ultra HD FULL SUPPORT
- 4K Video at 60 Frames per second support
- HDCP 2.2 Input / Output

4K Ultra HD compatible video source → AV Receiver → 4K Ultra HD compatible TV

Main Specifications

Audio Section

Rated Output Power (6 ohms, 20 Hz-20 kHz, 0.09% THD, 2ch driven)	
Front L/R	60 W + 60 W
Rated Output Power (6 ohms, 1 kHz, 0.9% THD, 1 ch driven)	
Front L/R	95 W + 95 W
Centre	95 W
Surround L/R	95 W + 95 W
Maximum Effective Output Power (6 ohms, 1 kHz, 10% THD, 1ch driven)	
Front L/R	125 W + 125 W
Centre	125 W
Surround L/R	125 W + 125 W
Dynamic Power/Ch (Front L/R, 8/6/4/2 ohms)	90 / 110 / 140 / 160 W

General

Standby Power Consumption	
HDMI Control off, Standby Through off	0.1 W
HDMI Control on, Standby Through on	1.5 W
Network Standby on	2.7 W (wired)
Bluetooth Standby on	2.7 W
Dimensions (W x H x D)	435 x 111 x 327 mm
	(with antenna up: 435 x 176 x 327 mm)
	17-1/8" x 4-3/8" x 12-7/8"
	(with antenna up: 17-1/8" x 6-7/8" x 12-7/8")
Weight	7.8 kg; 17.2 lbs.

European Model

Extensive Connections

Inputs

HDMI (Audio Input Assignable, HDMI6: HDCP2.2 compatible)	6
Network (Ethernet / Wi-Fi)	1 / 1
USB*[1]	1
Radio Antenna*[2] (FM / AM)	1 / 1
Optical Digital	1
Coaxial Digital	2
Analogue Audio*[1] (incl. Mini Jack Input)	4
Composite Video*[1]	3

*[1] Including front panel terminals.
*[2] The shape of the FM antenna terminal varies according to area.

Outputs

HDMI (HDCP2.2 compatible)	1
Composite Monitor	1
Speaker*[3] (without subwoofer)	5ch
Subwoofer	1
Headphone Jack	1

*[3] Banana-plug compatible speaker terminals are available in some areas.