

7.2-channel Wi-Fi Built-In high performance Network AV Receiver. Supports the latest HDMI version, 4K upscaling, AirPlay® and HTC Connect™. YPAO R.S.C. and YPAO Volume ensure optimum system sound quality and balance. Multi-zone operation allows system expansion.



Audio Features

- 7-channel powerful surround sound
150W per Channel (4 ohms, 1 kHz, 0.9 % THD, 1 ch driven [European Model])
90W per Channel (8 ohms, 20 Hz-20 kHz, 0.09 % THD, 2 ch driven)
150W per Channel (8 ohms, 1 kHz, 10 % THD, 1 ch driven, JEITA)
- HD Audio format decoding: Dolby TrueHD and DTS-HD Master Audio
- Full discrete amp configuration
- Pure Direct for pure HiFi sound quality enjoyment
- Burr-Brown 192 kHz/24-bit DACs for all channels
- Low jitter PLL circuitry helps optimise sound imaging
- Assignable amplifiers for front speaker bi-amp connection
- Intelligent assignable amplifiers for Surround Back <-> Front Presence or Zone 2
- FLAC or WAV 192kHz/24-bit audio playback
- Apple Lossless audio playback

Video Features

- The latest HDMI version support for 4K 50/60p input
- 4K / full HD 1080p video upscaling from analogue and HDMI input
- HDMI: 6 (1 on front) and 1 output with 3D and Audio Return Channel
- Supports Deep Colour (30/36 bit), x.v.Colour, 24 Hz Refresh Rate and Auto Lip-Sync compensation
- High quality video processing with precise deinterlacing
 - Motion adaptive and edge adaptive deinterlacing
 - Multi-cadence (incl. 3-2 pull-down) detection

Advanced Features

- 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
- Network functions
 - Wi-Fi Built-in
 - Easy Wi-Fi setup i.e. iOS Wi-Fi settings sharing, WPS etc.
 - AirPlay® allows music streaming from Mac, PC, iPod, iPhone, iPad
 - AV Controller app for operating various functions from an iPod, iPhone, iPad or Android phones
 - Access to: Internet Radio (vTuner): MP3, WMA Streaming Services (Napster®, Spotify®, Pandora®)
 - *Music service availability varies by region.
 - Music files on PC/NAS: WAV, MP3, WMA, AAC, FLAC, Apple Lossless
 - DLNA 1.5 certified
- Wireless Direct connects a mobile device directly without home network
- Gapless playback compatibility allows play without interruption
- HTC Connect™ for music streaming from HTC Connect™ compatible smartphones
- MHL supports full HD video and audio from mobile phones and portable devices

- Front panel USB Digital Connection for iPod, iPhone and iPad
- Advanced multi-language GUI on-screen display with album art
- HDMI CEC with versatile control from AV Receiver remote control
- YPAO R.S.C. (Reflected Sound Control) sound optimisation for automatic speaker setup
- HDMI front panel input for devices such as camcorders and digital cameras
- Audio input assign capability for HDMI and component video input
- Ability to change HDMI input while in Standby Through mode
- Audio Delay for adjusting Lip-Sync (0-500 ms)
- Background Video feature (for Radio/USB/NET/AUX input)
- DC Out for optional accessories such as YBA-11 Bluetooth adapter

Surround Realism

- HD Audio decoding with CINEMA DSP 3D (17 DSP programmes)
- Compressed Music Enhancer with CINEMA DSP
- Dialogue Lift ensures that dialogue comes from the centre of the screen
- Virtual dialogue lift even without use of front presence speakers
- Dialogue Level Adjustment for proper sound balance with dialogue and vocals
- 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
- YPAO Volume to ensure natural sounds even at low volume
- Extra Bass enriches the powerful bass sound even with small speakers
- Adaptive DRC (Dynamic Range Control) and Adaptive DSP level
- SILENT CINEMA to enjoy surround sound with headphone
- Two subwoofer outputs (simultaneous outputs)

Versatile Zone Control

- Zone 2 on/off and control on front panel
- Zone max volume and initial volume setting
- Remote input/output
- Programmable +12V trigger output

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 0.15W



The RX-V677 offered with black, titanium and gold finish available in some areas.

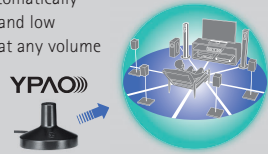
Wi-Fi Built-in Provides Superior Functionality with Easy Setup

Wi-Fi Built-in improves installation flexibility. WPS and other types of Wi-Fi setup are supported. By using Wireless Direct, you can connect the AV Receiver wirelessly and directly to a smartphone, making it possible to enjoy music files on the phone via AirPlay or HTC Connect™, and to operate the receiver via AV Controller App.



YPAO R.S.C (Reflected Sound Control) and YPAO Volume

YPAO analyses the room acoustics and your system, then precisely adjusts various audio parameters to provide optimum sound. YPAO R.S.C. (Reflected Sound Control) enhances the sound to studio-grade quality. YPAO Volume automatically adjusts the high and low frequency levels at any volume level so that you hear natural sounds even at low volume.



Support for Latest HDMI Version, 4K Ultra HD Upscaling and MHL

Support for the latest version of HDMI for 4K 50/60p transmission, so the receiver will be compatible with the anticipated super high definition video. 4K Ultra HD upscaling boosts lower resolution images to super high-definition. MHL allows the connection of MHL-compatible mobile phones for enjoying stored content. Front HDMI/MHL input provides easy connection.

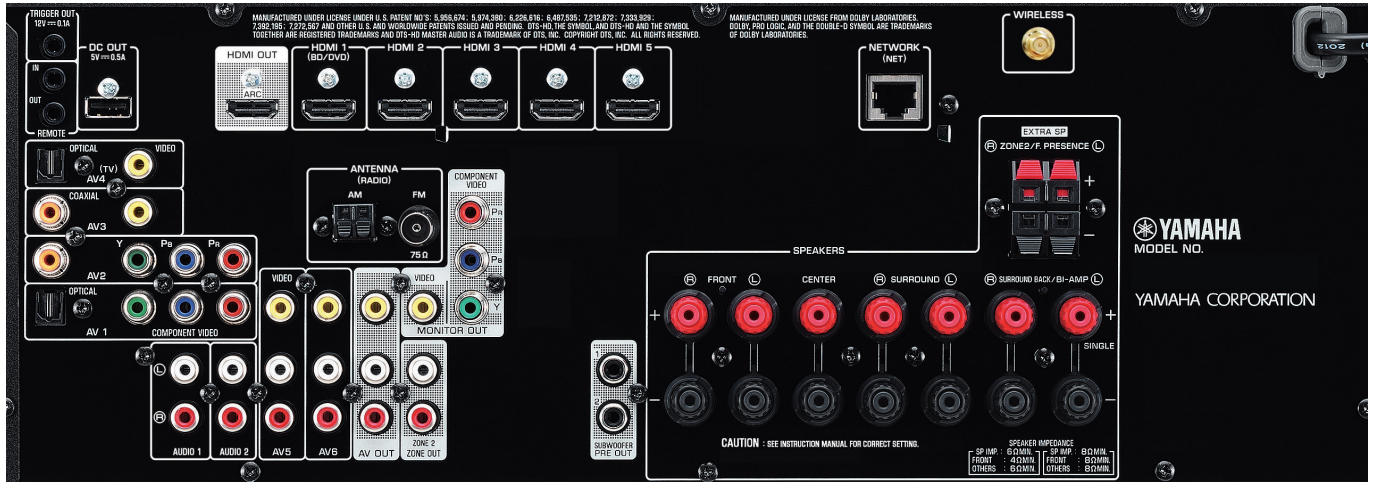


Main Specifications

| Audio Section | |
|---|-------------------|
| Rated Output Power (4 ohms, 1 kHz, 0.9% THD, 1 ch driven [European Model]) | |
| Front L/R | 150 W + 150 W |
| Rated Output Power (8 ohms, 20 Hz-20 kHz, 0.09% THD, 2 ch driven) | |
| Front L/R | 90 W + 90 W |
| Maximum Effective Output Power (8 ohms, 1 kHz, 10% THD, 1 ch driven, JEITA) | |
| Front L/R | 150 W + 150 W |
| Centre | 150 W |
| Surround L/R | 150 W + 150 W |
| Surround Back L/R | 150 W + 150 W |
| Dynamic Power/Ch (Front L/R, 8/6/4/2 ohms) | |
| | 125/165/190/235 W |

General

| | |
|---------------------------------------|--|
| Standby Power Consumption | |
| HDMI Control off, Standby Through off | 0.15 W |
| HDMI Standby Through on | 2.0 W |
| Network Standby on (Wired) | 3.5 W |
| Dimensions (W x H x D) | |
| | 435 x 171 x 364 mm (with antenna: 435 x 234 x 378 mm) |
| | 17-1/8" x 6-3/4" x 14-3/8" (with antenna: 17-1/8" x 9-1/4" x 14-7/8") |
| Weight | |
| | 10 kg; 22.1 lbs. |



Extensive Connections

| Inputs | Outputs | Others |
|--|-------------------------|-----------------------|
| HDMI*1 (Audio Input Assignable*2, Front HDMI : MHL input compatible) | HDMI | Zone 2 Audio Out |
| Network (Ethernet / Wi-Fi) | Analogue AV | Remote In/Out |
| USB*1 | Component Video Monitor | +12V/0.1A Trigger Out |
| Radio Antenna*3 (FM / AM) | Composite Monitor | |
| Optical Digital | Composite AV | |
| Coaxial Digital | Speaker*4/*5/*6 | |
| Analogue Audio | Subwoofer | |
| Component Video (Audio Input Assignable) | DC Out*7 | |
| Composite Video*1 | Headphone Jack | |

*1 Including front panel terminals.
 *2 Front HDMI input is not assignable.
 *3 The shape of the FM antenna terminal varies according to area.
 *4 Assignable for surround back L/R to bi-amp (front L/R).
 *5 Extra speaker terminals are assignable to Zone 2 or Presence.
 *6 Banana-plug compatible speaker terminals are available in some areas.
 *7 For optional accessories.

• "Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance. AirPlay, iPad, iPhone, iPod, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. • The Bluetooth™ word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Yamaha Corporation is under license. Other trademarks and trade names are those of their respective owners. • Spotify and Spotify logo are registered trademarks of the Spotify Group. • Napster and the Napster logo are trademarks and registered trademarks of Rhapsody International. • Pandora and Pandora Internet Radio logo are registered trademarks or trademarks of Pandora Media, Inc. in the United States and/or other countries. • The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance. The Wi-Fi Protected Setup Identifier Mark is a mark of the Wi-Fi Alliance. • DLNA™ and DLNA CERTIFIED™ are trademarks or registered trademarks of Digital Living Network Alliance. All rights reserved. Unauthorized use is strictly prohibited. • The HTC Connect™ Logo is a trademark of HTC Corporation. • Dolby, Pro Logic, and the double-D symbol are registered trademarks of Dolby Laboratories. • DTS, DTS-HD, the Symbol, & DTS or DTS-HD and the Symbol together are registered trademarks of DTS, Inc. • HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. • MHL and the MHL logo are a trademark, registered trademark or service mark of MHL, LLC in the United States and/or other countries. • Burr-Brown products are trademarks of Texas Instruments, Inc. • "x.v.Colour" is a trademark of Sony Corporation. • CINEMA DSP is a trademark of Yamaha Corporation. • SILENT CINEMA is a trademark of Yamaha Corporation. • Product designs and specifications are subject to change without notice.