YAMAHA

AV Receiver
RX-V679

7.2-channel Network AV Receiver featuring Wi-Fi and *Bluetooth*® Built-in and 4K Ultra HD compatible HDMI with HDCP2.2. High grade audio design includes high quality amp circuitry, full discrete amp configuration and High-Resolution audio playback support.

Audio Features

- 7-channel powerful surround sound
  90W per Channel (8 ohms, 20 Hz-20 kHz, 0.06 % THD, 2 ch driven)
  150W per Channel (4 ohms, 1 kHz, 0.9 % THD, 1 ch driven [European Model])
  150W per Channel (8 ohms, 1 kHz, 10 % THD, 1 ch driven)
- 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
- DSD 2.8MHz/5.6MHz audio playback
- FLAC or WAV 192kHz/24-bit audio playback
- Apple Lossless audio playback
- Compressed Music Enhancer for *Bluetooth*

Video Features

- 4K60p 4:4:4 Pass through
- 4K video upscaling from analogue and HDMI input
- HDMI: 6 (1 on front) and 1 output with HDCP2.2 (3 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
- High quality video processing with precise deinterlacing
  - Motion adaptive and edge adaptive deinterlacing
  - Multi-cadence (incl. 3-2 pull-down) detection

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.
  - 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 (Napster®*, Spotify®*, Pandora®*, 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
- Wireless Direct connects a mobile device directly without home network
- HDCP2.2 compliant HDMI for 4K Ultra HD content support
- Gapless playback compatibility allows play without interruption
- Front panel USB Digital Connection for iPod and iPhone
- Advanced multi-language GUI on-screen display with HD Font
- 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
- 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/*Bluetooth*/AUDIO/NET/AUX input)
- 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

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
- 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
- Virtual Surround Back Speaker for playing 7.1-channel content with a 5.1-channel system
- YPAO Volume to ensure natural sounds even at low volume
- Extra Bass enriches the powerful bass sound even with small speakers
- 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
- Party mode
- 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 0.1W
- Improved Network and HDMI Standby Power Consumption

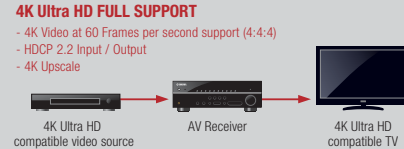The RX-V679 offered with black, titanium and gold finish available in some areas.

Powered by music

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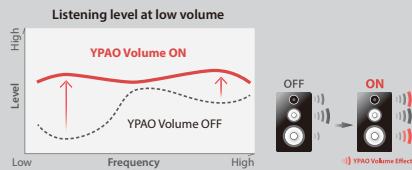
4K Ultra HD Full Support with 4K60p, HDCP2.2

This unit completely supports with the latest HDMI standards. It can perform 4K Ultra HD upscaling to boost a lower resolution image and supports 4:4:4 video signal for more vibrant and lifelike images, so you can fully enjoy the high definition video quality of 4K. It also adheres to the HDCP2.2 copyright protection standard for 4K video transmission. Multiple HDCP2.2 compliant inputs and outputs design (3 in / 1 out) is ready for future system expansion.

4K Ultra HD FULL SUPPORT
- 4K Video at 60 Frames per second support (4:4:4)
- HDCP 2.2 Input / Output
- 4K Upscale

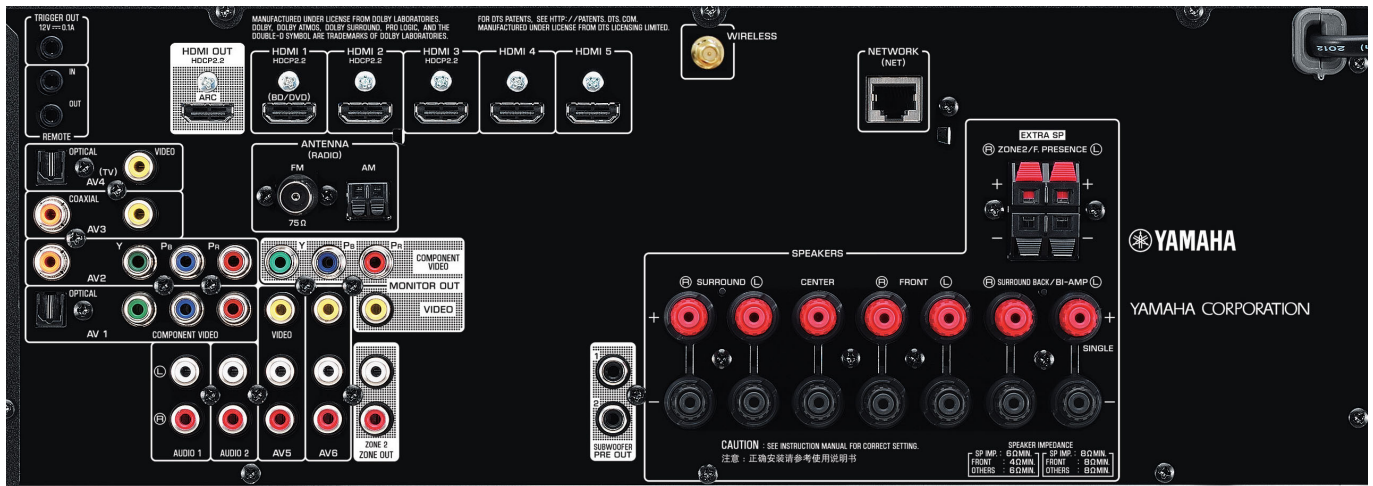## YPAO R.S.C (Reflected Sound Control) and YPAO Volume

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.

Main Specifications

Audio Section

Rated Output Power (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2 ch driven)	
Front L/R	90 W + 90 W
Rated Output Power (4 ohms, 1 kHz, 0.9% THD, 1 ch driven [European Model])	
Front L/R	150 W + 150 W
Maximum Effective Output Power (8 ohms, 1 kHz, 10% THD, 1 ch driven)	
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	0.1 W
HDMI Standby Through on	1.3 W
Network Standby on (Wired)	2.4 W
Dimensions (W x H x D)	435 x 171 x 378 mm
	(with antenna up: 435 x 234 x 378 mm)
	17-1/8" x 6-3/4" x 14-7/8"
	(with antenna up: 17-1/8" x 9-1/4" x 14-7/8")
Weight	10 kg; 22.1 lbs.

European Model

Extensive Connections

Inputs

HDMI*[1] (Audio Input Assignable*[2], HDMI1,2,3:HDCP2.2 compatible)	6
Network (Ethernet / Wi-Fi)	1 / 1
USB*[1]	1
Radio Antenna*[3] (FM / AM)	1 / 1
Optical Digital	2
Coaxial Digital	2
Analogue Audio	4
Component Video (Audio Input Assignable)	2
Composite Video	4

Outputs

HDMI (HDCP2.2 compatible)	1
Component Video Monitor	1
Composite Monitor	1
Speaker*[4]/*[5]/*[6]	7ch / 9 ter
Subwoofer	2 x mono
Headphone Jack	1

*[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.

Others

Zone 2 Audio Out	1
Remote In/Out	1 / 1
+12V/0.1A Trigger Out	1

*[1] Including front panel terminals.
*[2] Front HDMI input is not assignable.
*[3] The shape of the FM antenna terminal varies according to area.

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