

AVENTAGE 7.2-channel Wi-Fi Built-In AV Receiver with high-grade audio design including ESS DAC and Symmetrical Power Amp Design with Rigid Chassis. Also offers HDMI Zone Switching, latest HDMI version, 4K Ultra HD upscaling, and AV Controller App support.



The RX-A1040 offered with black and titanium finish available in some areas.

**Oil-Damped Hidden Control Panel**  
Includes HDMI/MHL Input Terminal, USB Port, Video Aux Input Terminals, Zone 2 Switch, YPAO Microphone Jack, And More.



**Audio Features**

- 7-channel powerful surround sound  
110W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2 ch driven)  
165W per Channel (8 ohms, 1 kHz, 10% THD, 1 ch driven, JEITA)
- HD Audio format decoding: Dolby TrueHD and DTS-HD Master Audio; Dolby Digital Plus and DTS-HD High Resolution Audio
- Symmetrical power amplifier layout
- Heat sink with anti-vibration and anti-thermal properties
- Rigid chassis with additional bottom frames
- ESS ES9006 DAC featuring true professional digital audio quality
- DAC on Pure Ground circuitry
- High speed thermal feedback power amplifier
- Ultra Low Jitter PLL circuitry helps optimise sound imaging
- Extra 5th foot with Anti-Resonance Technology (A.R.T. Wedge) to reduce vibration
- Assignable amplifiers for bi-amp connection
- Intelligent assignable amplifiers for Surround Back <-> Front Presence or Zone 2
- Phono input for vinyl playback
- FLAC or WAV 192kHz/24-bit audio playback
- Apple Lossless audio playback

**Video Features**

- 4K Ultra HD Pass-Through for super high resolution images
- 4K Ultra HD upscaling boosts lower resolution images to super high-definition resolution
- The latest HDMI version support for 4K 50/60p input
- HDMI: 8 inputs (1 on front) and 2 outputs (assignable for zone) with 3D and Audio Return Channel
- High quality video processing with precise deinterlacing
  - Motion adaptive and edge adaptive deinterlacing
  - Multi-cadence (incl. 3-2 pull-down) detection

**Advanced Features**

- SCENE PLUS - simple and versatile functionality
    - HDMI CEC powers up compatible TVs and Blu-ray Disc™ players
    - 12 SCENE choices (4 on front panel and others on GUI)
    - Zone SCENE - 4 SCENE buttons for Zone 2
    - Versatile parameters can be stored into each SCENE
  - Network functions
    - Wi-Fi Built-in
    - Wireless Direct connects a mobile device directly without home network
    - 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/tablets
    - Access to: Internet Radio (vTuner): MP3, WMA
- Streaming Services (Spotify®, Pandora®) \*Music service availability varies by region.  
Music files on PC/NAS: WAV, MP3, WMA, AAC, FLAC, Apple Lossless

- Web Browser Control via PC or Tablet
- 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
- HDMI front panel input for devices such as camcorders and digital cameras
- Front panel USB Digital Connection for iPod, iPhone, iPad and USB device
- YPAO R.S.C. (Reflected Sound Control) sound optimisation with multi-point measurement
- Advanced multi-language GUI on-screen display with album art
- Background Video feature
- 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
- 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

**Versatile Zone Control**

- HDMI Zone Switching allows the same or different HD audio/video sources to be enjoyed in two rooms
- Zone 2 on/off and control on front panel
- System Backup / Recovery function
- Zone mono, Zone volume, tone controls and balance
- Party mode

**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

**Superlative Audio Quality**

The RX-A1040 delivers the kind of superb audio quality you expect from a high-end Yamaha receiver. It incorporates the ES9006 Premier Audio DAC from ESS Technology, a solution that exceptionally good S/N ratio and dynamic range that provides true professional digital audio quality. The RX-A1040 also uses Ultra-Low Jitter PLL circuitry, which prevents the type of digital distortion known as jitter from affecting the sound quality.



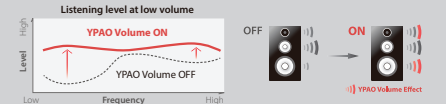
**Wi-Fi Built-in Provides Superior Functionality with Easy Setup**

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. with Multipoint Measurement and YPAO Volume**

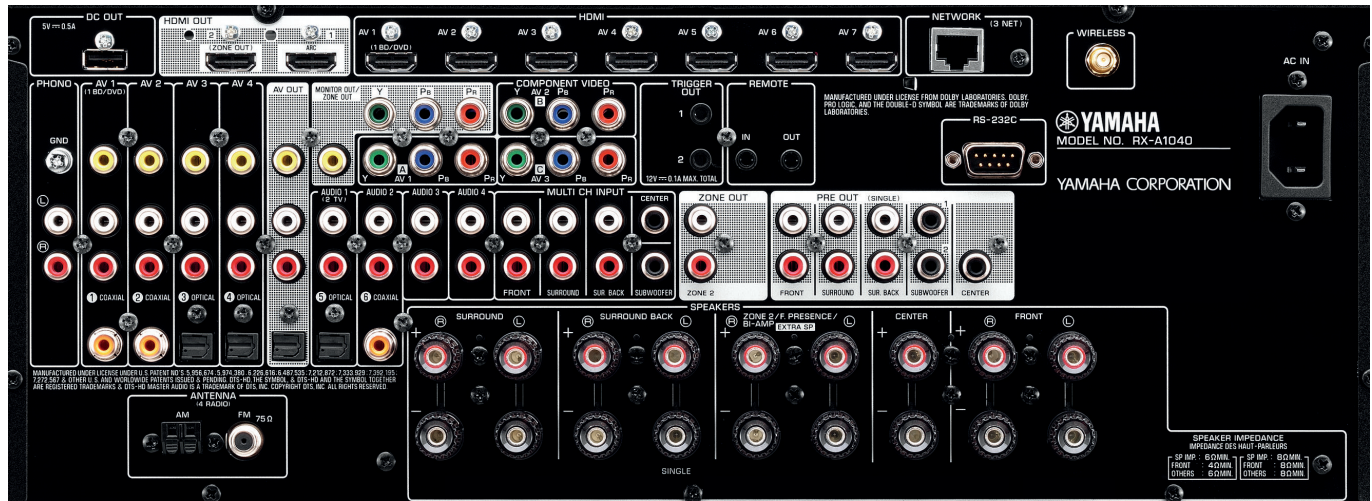
Yamaha's unique YPAO analyses room acoustics and the speaker system, then precisely calibrates audio parameters to achieve optimum sound at any of eight listening positions. R.S.C. (Reflected Sound Control) removes the effects of sound reflections for studio-grade audio quality. YPAO Volume automatically adjusts high and low frequencies, maintaining natural balance at all volume levels.



**Main Specifications**

Audio Section	
Rated Output Power (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2 ch driven)	
Front L/R	110 W / 110 W
Centre	110 W
Surround L/R	110 W / 110 W
Surround Back L/R	110 W / 110 W
Maximum Effective Output Power (8 ohms, 1 kHz, 10% THD, 1 ch driven, JEITA)	
Front L/R	165 W / 165 W
Centre	165 W
Surround L/R	165 W / 165 W
Surround Back L/R	165 W / 165 W
Dynamic Power/Ch (Front L/R, 8/6/4/2 ohms)	
	135/165/210/280 W

General	
Standby Power Consumption	
HDMI Control off, Standby Through off	0.1 W
HDMI Control on, Standby Through on	1.8 W
Network Standby on	2.8 W (Wired)
	435 x 182 x 432 mm
Dimensions (W x H x D)	
	(with antenna: 435 x 242 x 439 mm)
	17-1/8" x 7-1/8" x 17"
	(with antenna: 17-1/8" x 9-1/2" x 17-1/4")
Weight	
	14.9 kg; 32.8lbs.



**Extensive Connections**

Inputs	Outputs	Others
HDMI*1 (Audio Input Assignable*2, Front HDMI : MHL input compatible)	HDMI	Zone 2 Out with Volume and Tone Controls
Network (Ethernet / Wi-Fi)	Optical Digital	Remote In/Out
USB*1	Analogue Audio	+12V / Total 100 mA Trigger Out*7
Radio Antenna (FM/AM)*3	Pre Out	RS-232C
Optical Digital (Assignable)	Component Video Monitor*4	Terminal for Detachable Power Cable
Coaxial Digital (Assignable)	Composite Monitor*4	
Analogue AV*1 / Audio (with Phono)	AV Out (Composite)	
Component Video (Assignable)	Speaker*5	
Composite*1	Subwoofer	
Multi-Channel Input	DC Out*6	
	Headphone Jack	

\*1 Made for iPod, \*2 Made for iPhone, and \*3 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. iTunes, AirPlay, iPad, iPhone, iPod, iPod nano, iPod touch, and Safari are trademarks of Apple Inc., registered in the U.S. and 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. • Spotify and Spotify logo are registered trademarks of the Spotify Group. • Pandora and Pandora Internet Radio logo are registered trademarks or trademarks of Pandora Media, Inc. in the United States and/or 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. • Dolby 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. • 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.