

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, 4K 50/60p support, 4K Ultra HD upscaling, and AV Controller App support.



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
 120W per Channel (8 ohms, 1 kHz, 0.9% THD, 2 ch driven)
 110W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2 ch driven)
- 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 optimize 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 (tuner); MP3, WMA
 - Streaming Services (Pandora®, Rhapsody®, Spotify®, SiriusXM)
 - *Music service availability varies by region.
 - Music files on PC/NAS: WAV, MP3, WMA, AAC, FLAC, Apple Lossless

- 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
- HD Radio™ (for USA only)
- 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 optimization 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 programs)
- Compressed Music Enhancer with CINEMA DSP
- Dialogue Lift ensures that dialogue comes from the center 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 with 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.



HDMI Zone Switching and Latest HDMI Version

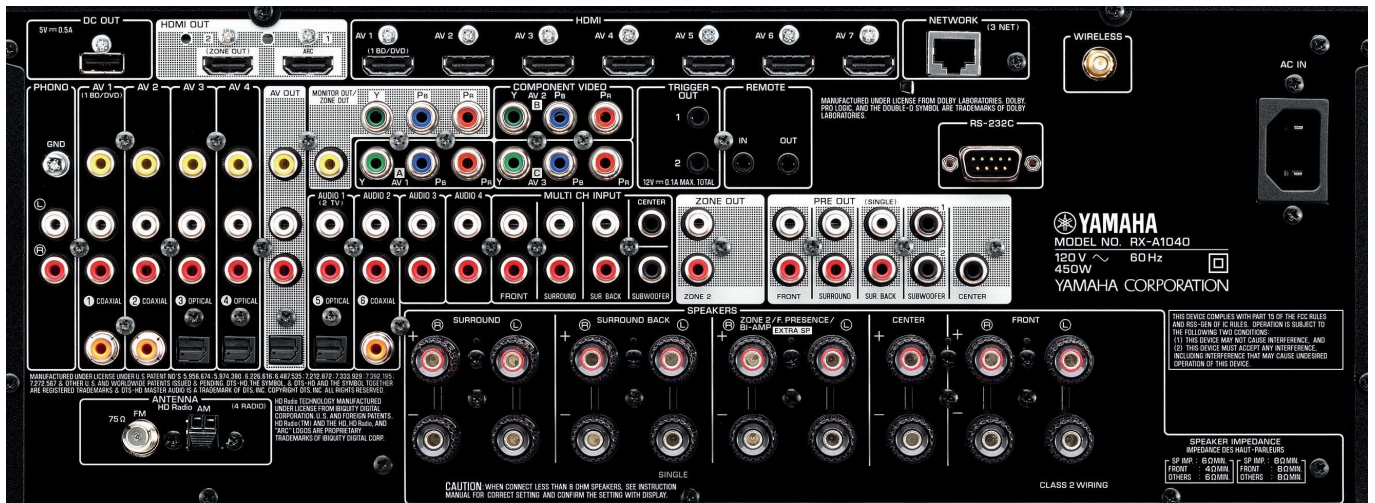
HDMI Zone Switching provides enhanced zone customization for expanded AV enjoyment. With Zone Switching, people in two different rooms can enjoy not just one HD audio/video source but two different ones. In addition, the receiver supports the latest version of HDMI for 4K 50/60p transmission, ensuring compatibility with future versions of super high definition video.



Main Specifications

Audio Section	
Rated Output Power (8 ohms, 1 kHz, 0.9% THD, 2 ch driven)	
Front L/R	120 W / 120 W
Center	120 W
Surround L/R	120 W / 120 W
Surround Back L/R	120 W / 120 W
Rated Output Power (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2 ch driven)	
Front L/R	110 W / 110 W
Center	110 W
Surround L/R	110 W / 110 W
Surround Back L/R	110 W / 110 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	2.4 W
Network Standby on	3.1 W (Wired)
Dimensions (W x H x D)	
	17-1/8" x 7-1/8" x 17"
	(with antenna: 17-1/8" x 9-1/2" x 17-1/4")
	435 x 182 x 432 mm
	(with antenna: 435 x 242 x 439 mm)
Weight	
	32.8 lbs.; 14.9 kg



Extensive Connections

Inputs	
HDMI*1 (Audio Input Assignable*2, Front HDMI : MHL input compatible)	8
Network (Ethernet / Wi-Fi)	1 / 1
USB*1	1
Radio Antenna (FM/AM) incl. HD Radio*3	1 / 1
Optical Digital (Assignable)	3
Coaxial Digital (Assignable)	3
Analog AV*1 / Audio (with Phono)	5 / 5
Component Video (Assignable)	3
Composite*1	5
Multi-Channel Input	8ch

Outputs	
HDMI	2 (Zone assignable)
Optical Digital	1
Analog Audio	1
Pre Out	7.2ch
Component Video Monitor*4	1
Composite Monitor*4	1
AV Out (Composite)	1
Speaker	7ch (9 terminals)
Subwoofer	2 x mono
DC Out*5	1
Headphone Jack	1

Others	
Zone 2 Out with Volume and Tone Controls	1
Remote In/Out	1 / 1
+12V / Total 100 mA Trigger Out*6	2
RS-232C	1
Terminal for Detachable Power Cable	1

*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. AirPlay, iPhone, iPod, iPod classic, iPod nano, iPod touch, and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries. iPad is a trademark of Apple Inc. AirPlay works with iPhone, iPad, and iPod touch with iOS 4.3.3 or later, Mac with OS X Mountain Lion, and Mac and PC with iTunes 10.2.2 or later. • 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. • HD Radio Technology manufactured under license from iBiquity Digital Corporation. U.S. and Foreign Patents. HD Radio™ and the HD, HD Radio, and "Arc" logos are proprietary trademarks of iBiquity Digital. • 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. • Rhapsody and the Rhapsody logo are registered trademarks of Rhapsody International, Inc. • SIRIUS, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. and its subsidiaries. All rights reserved. Service not available in Alaska and Hawaii. • 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. • 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.