

## RX-A1060 AV Receiver AVENTAGE



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### Standby Power Consumption

HDMI Control off, Standby Through off	0.1 W
HDMI Standby Through on	1.4 W
Network Standby on	2.1 W (wired)

### Dimensions (W x H x D)

435 x 182 x 439 mm (with antenna up: 435 x 247 x 439 mm)  
17-1/8" x 7-1/8" x 17-1/4" (with antenna up: 17-1/8" x 9-3/4" x 17-1/4")

### Weight

14.9 kg; 32.8 lbs.

### Inputs

HDMI*1 (Audio Input Assignable*2, HDMI1-7: HDCP2.2 compatible)	8
Network (Ethernet / Wi-Fi)	1 / 1
USB*1	1
Radio Antenna (FM/AM)	1 / 1
Optical Digital	3
Coaxial Digital	3
Analogue Audio*1 (with Phono)	9
Component Video (Audio Input Assignable)	3
Composite Video*1	5

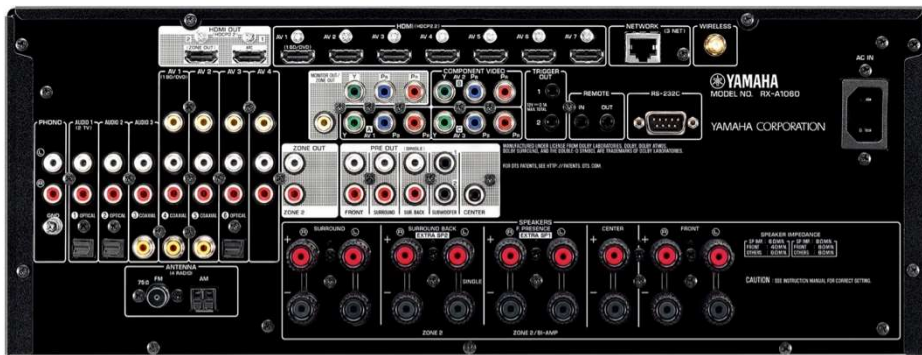
### Outputs

HDMI (HDCP2.2 compatible)	2 (Zone assignable)
Component Video Monitor	1
Composite Monitor	1
Pre Out	7.2ch
Speaker*3*4	7 ch / 9 ter
Subwoofer	2 x mono
Headphone Jack*1	1

### Others

Zone 2 Audio Out with Volume and Tone Controls	1
Remote In/Out	1 / 1
+12V / Total 0.1A Trigger Out	2
RS-232C	1
Terminal for Detachable Power Cable	1

\*1 Including front panel terminals.  
\*2 Front HDMI input is not assignable.  
\*3 Assignable for surround back L/R to Zone 2.  
\*4 Assignable for front presence L/R to bi-amp (front L/R) or Zone 2.



## RX-A1060 AV Receiver **AVENTAGE**



### Main Features

- Dolby Atmos® and DTS:X™ support
- AVENTAGE AV Receivers: Designed to Deliver the Highest Levels of Audio Performance
- Aluminium Front Panel Offers Visual and Aural Benefits
- Anti Resonance Technology (A.R.T.) Wedge helps to ensure that vibrations do not affect sound quality
- Symmetrical Power Amp Layout and Rigid chassis with additional bottom frames
- Professional quality digital audio by ESS DAC
- 7-channel powerful surround sound
  - 110 W per channel (8 ohms, 20 Hz-20 kHz, 0.06 % THD, 2 ch driven)
  - 165 W per channel (8 ohms, 1 kHz, 10 % THD, 1 ch driven)
- MusicCast for audio enjoyment in every room
- Wi-Fi Built-in and Wireless Direct Compatible for Easy Network
- *Bluetooth*® for wireless music streaming and Compressed Music Enhancer for *Bluetooth*®
- AirPlay, Napster®, Spotify®, JUKE\* music streaming service and AV Controller app
  - \*Music service availability varies by region.
- DSD 2.8MHz / 5.6MHz direct playback, FLAC / WAV / AIFF 192kHz / 24bit, Apple Lossless 96kHz / 24-bit playback
- HDMI® (8 in / 2 out) 4K Ultra HD Full Support with 4K60p (4:4:4), HDCP2.2 (7 in / 2 out), HDR Video and BT.2020 pass-through
- YPAO™ R.S.C. (Reflected Sound Control) sound optimisation with multi-point measurement
- YPAO™ Volume to ensure natural sounds even at low volume
- Virtual Surround Back Speaker for playing 7.1-channel content with a 5.1-channel system
- HDMI® Zone Switching allows different HD audio / video sources playback in different rooms
- Zone Extra Bass for more powerful bass sound in another room (Zone 2)
- Zone Volume Equalizer for optimum sound balance in another room (Zone 2)
- Detachable AC power cord for easier installation
- ECO mode operation for about 20% less power consumption

# RX-A1060 AV Receiver **AVENTAGE**

## Audio Features

- 9-channel powerful surround sound  
110 W per channel (8 ohms, 20 Hz-20 kHz, 0.06 % THD, 2 ch driven)  
165 W per channel (8 ohms, 1 kHz, 10 % THD, 1 ch driven)
- Dolby Atmos® and DTS:X™ support
- Symmetrical power amplifier layout
- Heat sink with anti-vibration and anti-therma properties
- Rigid chassis with additional bottom frames
- Two ESS SABRE™9006A 8-channel DACs featuring true professional digital audio quality
- High speed thermal feedback power amplifier
- High quality Volume IC and Independent Pure Power Supply
- Ultra Low jitter PLL circuitry helps optimise sound imaging
- Extra 5th foot with Anti-Resonance Technology (A.R.T. Wedge) to reduce Vibration
- High Resolution Music Enhancer further heightens musicality from the original content
- H-shaped Cross Frame for additional chassis rigidity
- DSD 2.8MHz / 5.6MHz direct playback
- FLAC or WAV 192kHz/24-bit audio playback
- Apple Lossless audio playback
- Compressed Music Enhancer for *Bluetooth*®
- Phono input for vinyl playback *Bluetooth*®
- Phono input for vinyl playback

## Video Features

- HDMI® (8 in / 2 out) 4K Ultra HD Full Support with 4K60p (4:4:4), HDCP2.2 (7 in / 2 out), HDR Video and BT.2020 pass-through
- 4K video upscaling from analogue and HDMI® input
- Supports Deep Colour (30 / 36 bit), x.v.Colour, 24 Hz Refresh Rate and Auto Lip-Sync compensation
- Yamaha original video processing that optimises processing for each type of video content
  - Motion adaptive and edge adaptive deinterlacing
  - Multi-cadence (incl. 3-2 pull-down) detection
  - Resolution enhancement (detail and edge enhancement)
  - Video signal control (Contrast, Brightness, Saturation)

## Advanced Features

- MusicCast for audio enjoyment in every room
- *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
- Gapless playback compatibility allows play without interruption
- Front panel USB Digital Connection for USB thumbdrives

- Advanced GUI on-screen display with HD capability
- YPAO™ R.S.C. (Reflected Sound Control) sound optimisation with multi-point measurement
- Background Video feature (for Radio / USB / *Bluetooth*® / AUDIO / NET / AUX input)
- 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

## Surround Realism

- Rear presence channel support for maximum 3D sound effect
- HD Audio decoding with CINEMA DSP 3D (23 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
- Zone Extra Bass for more powerful bass sound in another room (Zone 2)
- Zone Volume Equalizer for optimum sound balance in another room (Zone 2)
- Extra Bass enriches the powerful bass sound even with small speakers
- SILENT CINEMA to enjoy surround sound with headphone

## Versatile Zone Control

- Pre-out terminal for Zone 2 with volume control
- Advanced HDMI® Zone Switching allows various input sources to be output via HDMI® and enjoyed in different rooms
- Zone 2 on/off and control on front panel
- Zone GUI (song / station selection, album cover art display)
- System Backup / Recovery function
- Zone mono, Zone volume, Zone tone controls, Zone balance and Zone audio delay
- 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)
- Low standby power consumption of 0.1W
- Auto power standby function with variable time setting