

High-end 7.2-channel AVENTAGE model features most advanced Surround:AI capability and latest network functions.



## A New Frontier in Sound.

Discover the thrill of the most advanced cinematic surround sound in the home. Breakthrough Surround:AI technology analyses the scene of the entertainment content and optimises the surround effect in real time while you watch.

[Learn More >](#)



## The Heart of the Smart Home.

State-of-the-art configuration options and unparalleled versatility satisfy the most demanding whole-of-home applications.

[Learn More >](#)



## Intuitively Simple to Use.

Simple and straightforward operation, whether using specially designed compatible apps, intuitive on-board menu, or in conjunction with Amazon Alexa voice control devices.

[Learn More >](#)

- 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)
- --- 170 W per channel (4 ohms, 1 kHz, 0.9% THD, 1-ch driven)
- Surround:AI automatically optimises the surround effect in real time
- Dolby Atmos® and DTS:X™ with CINEMA DSP HD<sup>3</sup>
- YPAO™-R.S.C. with multi-point measurement and precision EQ
- Ability to add wireless surround speaker/s\* (\*MusicCast 20 or MusicCast 50)
- Amazon Alexa voice control compatibility\* (\*Availability varies by region)
- Highly rigid construction including Anti Resonance Technology (A.R.T.) Wedge
- High quality parts for optimum performance

- Professional quality digital audio by ESS DAC
- MusicCast multi-room technology
- Music streaming services built-in
- HDMI® (7 in / 3 out) with Dolby Vision™ and Hybrid Log-Gamma
- Phono input for vinyl playback



The RX-A1080 offered with black and titanium finish available in some areas.



## Your Cinema

### Surround:AI

The AI technology built into the DSP analyses the scene of the entertainment content and then creates the optimal surround effect to reproduce it with the greatest effect. This AI instantaneously analyses scenes by focusing on distinct sound elements such as dialogue, background music, ambient sounds and sound effects, and automatically optimises the surround effect in real time, just as if a Yamaha sound engineer tunes the best sound specifically for you. This creates a compelling sense of realism with expressive power beyond conventional sound field effects, giving you the most profound entertainment experience possible.



## Thrilling Realism in Surround Sound

### Dolby Atmos® and DTS-X™ Playback with CINEMA DSP HD³

This AV receiver supports Dolby Atmos and DTS-X playback with CINEMA DSP HD³, taking the surround sound experience to new heights. The revamped CINEMA DSP HD³ features new signal processing algorithms and three sets of high performance processors. This maximises theatre sound effects, accurately reproducing a new dimension of realism for a sound field with a rich sense of presence and no feeling of boundaries. You will experience a realistic cinema sound field with the sense of truly being immersed in the movie scene.



## For Sound Purity

### Highly Rigid Construction

The AVENTAGE model RX-A1080 features a sleek, clean design, with an elegant aluminium front panel. Even more importantly, the unit is exceptionally sturdy, with an interior reinforced with cross members in an H-shape. It also features the Anti Resonance Technology (A.R.T.) Wedge, which is a fifth foot in the centre of the unit that dampens vibrations from the power transformer and elsewhere. Thanks to these, installation stability is improved and chassis resonance is dispersed, effectively eliminating external vibration, maintaining the highest audio quality.



## Optimum Performance

### High Quality Parts

Every single part in an AV receiver affects the sound quality. For AVENTAGE models, extra time is taken to carefully select the most exacting, high-quality parts — including a large-capacity power amplifier unit with damping heat sink, a custom large power transformer, high-performance DSP devices, and so on — in order to achieve the highest performance possible. Moreover, sound technicians employ rigorous testing processes to optimally “tune” the receiver’s sound.



## Professional Grade

### ESS SABRE™ PRO 9007S Premier DAC

Incorporating the SABRE 9007S Premier Audio DAC from ESS Technology to achieve an exceptionally good signal-to-noise ratio and up to 120 dB of dynamic range, this AV receiver produces professional quality digital audio.



## Professional-grade Sound Optimisation

### YPAO™ - R.S.C. with Multi-Point Measurement and Precision EQ

YPAO-R.S.C. (Reflected Sound Control) analyses room acoustics and measures various speaker characteristics, then calibrates audio parameters to achieve optimum sound at any of eight listening positions. It uses precision EQ calculation to achieve the most natural room acoustics possible and Reflected Sound Control to correct early reflections for studio-quality sound. It also provides DSP Effect Normalisation, which varies the CINEMA DSP parameters according to the reflected sounds.

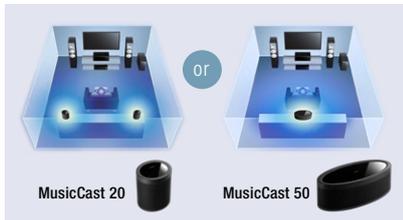




## Free and Easy Placement

### Wireless Surround Speakers

Combine this AV receiver with the MusicCast 50 or MusicCast 20 wireless streaming speaker and enjoy the amazing convenience of creating a home theatre with wireless rear speakers. What's more, you get stunningly realistic sound with a clean, clutter-free setup. Easily turn your current living room into a special entertainment environment where you can fully enjoy movies and music.



### Related Products

- MusicCast 50 • MusicCast 20 • MusicCast SUB 100

## Multi-room Audio

### MusicCast

MusicCast takes the headache out of multi-room audio. Simply connect all MusicCast devices to the same network and start sharing audio throughout the home. Take MusicCast for a test drive by downloading the free MusicCast app and using it demo mode.



## A World of Music

### Streaming Services

Explore a world of music with music streaming services\* built-in. Syncing your playlists and song likes from your smart phone or computer to the RX-A1080, music streaming services make it impossibly easy to either listen to your faves or discover new music.

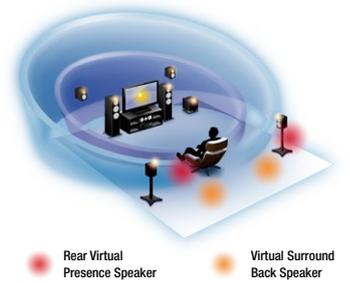
\* Music streaming service availability varies by region.



## Easily Experience 11-channel Realism

### Virtual Speaker Technology

The RX-A1080 is equipped with three Yamaha original high performance DSP devices, achieving high speed and large capacity audio signal processing. As a result, CINEMA DSP HD<sup>3</sup> playback can reproduce up to 11-channel sound — on even a 7-channel system. The total reproduction of spatial data, including the vertical axis, helps create an overwhelmingly realistic sound field.

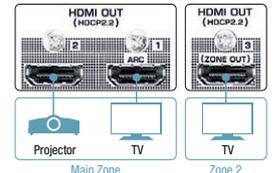


\* Requires connection to a front presence speaker. Dolby Atmos and DTS: X signals cannot be used with these virtual features.

## Convenient Enjoyment

### Three HDMI Outputs

Since the RX-A1080 has three HDMI output terminals, simultaneous connection to the TV, LCD projector and other devices, is possible. Which means, for example, that you can use your TV as usual but use the projector for your favourite movies and special programming, or have the same main room content shown in other rooms as well — easily and without having to change any connections. Naturally, the built-in HDMI functionality is of the latest specifications, corresponding also to HDR (Dolby Vision Compatible, Hybrid Log-Gamma), 4K / 60p passthrough, 4K upscaling, and so on.



## The Joys of Vintage Vinyl

### Phono Input

This AV receiver provides phono input terminals, letting you connect a turntable and enjoy music from your vinyl collection.



## Enhanced Home Theatre Sound

### 7.2-channel Pre-outs

You can add an external power amplifier (pre-main amplifier) to this AV receiver to improve and enhance the sound of your speakers. For example, using a power amplifier to drive the important front channel in home theatre gives you the added flexibility of building a system with an emphasis on sound quality



## Enjoy Digital Radio

### DAB/DAB+ Tuner

Digital Audio Broadcasting capability, with DAB and the enhanced DAB+, offers a large selection of radio stations with high sound quality. Other benefits include automatic selection of available stations from a convenient list, and helpful information display, including station name and music genre.

\* Availability of DAB / DAB+ tuner function varies by region.





## Let's Talk

### Alexa on MusicCast

"Alexa, ask MusicCast to play Favourite 1 in the Kitchen." With Alexa voice control integration, all you have to do is ask. The RX-A1080 name offers full compatibility with Amazon's range of voice control devices. Welcome to the smart home.

\* Availability of voice command control via Amazon Alexa varies by region.



## Easy Operation, Detailed Settings

### AV Controller App

This easy-to-use app lets you conveniently and 'smartly' control your AV receiver's power, volume, input selections, DSP modes — and much, much more — from an iOS or Android™ device. You can also use as many as 23 different languages and customise the interface by hiding unused icons and renaming functions. A tablet version is also available.



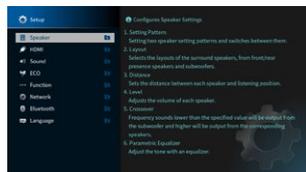
Smartphone

Tablet

## Easy to Use and Multilingual

### Advanced Graphical User Interface

The latest graphical user interface from Yamaha has a high-resolution display with clear, easy-to-use menus and includes a selectable status bar that shows input source, volume level, DSP mode and audio format. The GUI provides a choice of eight languages: English, French, German, Spanish, Italian, Russian, Japanese and Chinese and can be displayed over both normal and 3D pictures.



## Enjoy in Two Rooms

### Multi-zone Function (Zone2)

Featuring Zone2 compatible speaker terminals, this system can send the same (or even different) AV contents playing in the main room for playing in another room. For example, if you've got speakers installed in your bedroom or kitchen, you can go to that other room and enjoy listening to the same or different main room content.



## Other Features

### • Bi-amp Connection Even Higher Quality Sound

This AV receiver features bi-amping capability, driving the treble and bass ranges of the front speakers (L, R) with independent amplifiers, making it possible to enjoy even higher quality sound from the front channels — an important consideration in home theatre setups.

### • Music Enhancer Brilliant and Lively

The Compressed Music Enhancer from Yamaha is now optimised for Bluetooth audio transmissions to ensure that your music will have vivid, energetic sound quality during wireless playback.

### • AV Setup Guide Install with Ease

This special app assists you with cable connections between the AV receiver and source devices. Additionally, it guides you through various settings such as speaker connections, TV and source device connections and power amplifier assignments.

### • Eco Mode Save Energy by 20%

When ECO Mode is turned on it can reduce power consumption by about 20 percent\*, thanks to an advanced energy saving design. \*Compared to power consumption when ECO mode is off (Yamaha measurement).

<b>Amplifier Section</b>	<b>Channel</b>	7.2
	<b>Rated Output Power (1kHz, 1ch driven)</b>	170 W (4 ohms, 0.9% THD)
	<b>Rated Output Power (20Hz-20kHz, 2ch driven)</b>	110 W (8 ohms, 0.06% THD)
	<b>Maximum Effective Output Power (1kHz, 1ch driven)(JEITA)</b>	165 W (8 ohms, 10% THD)
	<b>Dynamic Power per Channel (8/6/4/2 ohms)</b>	135 / 165 / 210 / 280 W
<b>Surround Sound Processing</b>	<b>Surround:AI</b>	Yes
	<b>CINEMA DSP</b>	Yes (HD3)
	<b>DSP Programs</b>	24
	<b>Dialog Level Adjustment</b>	Yes
	<b>Virtual Presence Speaker</b>	Yes
	<b>Virtual Surround Back Speaker</b>	Yes
	<b>Dialogue Lift</b>	Yes (no presence speakers required)
	<b>SILENT CINEMA / Virtual CINEMA DSP</b>	Yes (Virtual CINEMA FRONT)
	<b>Dolby Atmos</b>	Yes
	<b>Dolby TrueHD</b>	Yes
	<b>Dolby Digital Plus</b>	Yes
	<b>Dolby Surround</b>	Yes
	<b>DTS:X</b>	Yes
<b>DTS-HD Master Audio</b>	Yes	
<b>Audio Features</b>	<b>File Format</b>	MP3 / WMA / MPEG-4 AAC: up to 48 kHz / 16-bit, ALAC: up to 96 kHz / 24-bit, FLAC: up to 192 kHz / 24-bit, WAV / AIFF: up to 192 kHz / 32-bit, DSD: up to 11.2 MHz
	<b>Pure Direct</b>	Yes (with video on mode)
	<b>Compressed Music Enhancer</b>	Yes
	<b>High-resolution Music Enhancer</b>	Yes
	<b>YPAO multi-point measurement</b>	Yes with R.S.C. (Reflected Sound Control) and 64-bit Precision EQ Calculation
	<b>YPAO Volume</b>	Yes
	<b>Adaptive DRC (Dynamic Range Control)</b>	Yes
	<b>Initial Volume &amp; Maximum Volume Setting</b>	Yes
	<b>A.R.T. Wedge</b>	Yes
	<b>Bi-amp capability</b>	Yes
	<b>Audio Delay</b>	Yes (0-500 ms)
<b>DA Converter</b>	ESS 384 kHz / 32-bit SABRE Premier DAC ES9007S	
<b>Video Features</b>	<b>4K Ultra HD Pass-through and upscaling</b>	Yes (4K / 60p, 4:4:4)
	<b>HDMI 3D passthrough</b>	Yes
	<b>HDMI eARC</b>	Yes (via future firmware update)
	<b>HDMI Audio Return Channel</b>	Yes
	<b>HDMI upscaling</b>	Yes (Analogue to HDMI® / HDMI to HDMI)
	<b>Deep Color/x.v.Color/24Hz Refresh Rate / Auto Lip-Sync</b>	Yes

<b>Connectivity</b>	<b>MusicCast Surround</b>	Yes
	<b>HDMI Input/Output</b>	7 / 3 (HDCP2.2, HDR10 / Dolby Vision / HLG and BT.2020 compatible)
	<b>HDMI CEC</b>	Yes (SCENE, Device Control)
	<b>USB Input</b>	USB Memory, Portable Audio Player
	<b>Network Port</b>	Yes
	<b>Wi-Fi</b>	Yes (2.4 / 5 GHz)
	<b>AirPlay</b>	Yes
	<b>Bluetooth</b>	Yes (SBC / AAC)
	<b>Front AV Input</b>	USB / Analogue Audio
	<b>Digital Audio Input/Output: Optical</b>	3 / 0
	<b>Digital Audio Input/Output: Coaxial</b>	3 / 0
	<b>Analog Audio Input/Output</b>	9 (front 1) / 0
	<b>Phono Input</b>	Yes
	<b>Component Video Input/Output</b>	2 / 0
	<b>Composite Video Input/Output</b>	4 / 0
	<b>Preout</b>	7.2-ch
<b>Headphone Output</b>	1	
<b>Tuner Section</b>	<b>FM/AM Tuner</b>	Yes (FM only)
	<b>DAB Tuner</b>	Yes (Availability varies by region.)
<b>User Interface</b>	<b>On-screen display</b>	Graphical User Inter face
	<b>SCENE</b>	SCENE PLUS (8 sets)
	<b>App Control</b>	Yes (iPhone / iPad / Android phone / tablet)
	<b>Web Browser Control</b>	Yes
	<b>Remote Control Unit</b>	Yes (Preset)
<b>Zone Control</b>	<b>Zone 2 Audio Output</b>	Preout / HDMI
	<b>Powered Zone</b>	Zone 2
	<b>Zone Video Output</b>	HDMI / Component / Composite
	<b>Zone HDMI</b>	Yes (HDMI Zone Switching)
	<b>Zone B Output</b>	HDMI
	<b>RS-232C Interface</b>	Yes
	<b>+12V Trigger Output</b>	2
	<b>Remote (IR) Input/Output</b>	1 / 1
	<b>Party Mode</b>	Yes
<b>General</b>	<b>Standby Power Consumption (IR only)</b>	≤0.1W
	<b>Auto Power Standby</b>	Yes
	<b>ECO mode</b>	Yes
	<b>Dimensions (W x H x D)</b>	435 x 182 x 439 mm (with antenna up: 435 x 259 x 439 mm); 17-1/8" x 7-1/8" x 17-1/4" (with antenna up: 17-1/8" x 10-1/4" x 17-1/4")
	<b>Weight</b>	14.9 kg; 32.8 lbs.