

AVENTAGE model featuring construction designed to maximise sound quality with A.R.T. Wedge, Symmetrical Amp and Rigid Bottom Frame, as well as AirPlay for wireless music play, 4k upscaling for highest quality video, YPAO R.S.C, Dialogue Lift and Dialogue Level Adjustment, and 8 in/2 out HDMI.



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

The RX-A1020 offered with black, titanium and gold finish available in some areas.



## Audio Features

- 7-channel powerful surround sound
  - 1,190W = 170W x 7 (4 ohms, 1 kHz, 0.9 % THD, 1 ch driven [European Model])
  - 770W = 110W x 7 (8 ohms, 20 Hz-20 kHz, 0.06 % THD, 2 ch driven)
  - 1,155W = 165W x 7 (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
- Selected high quality parts to achieve optimum audio performance
- Symmetrical power amplifier layout
- Heat sink with anti-vibration and anti-thermal properties
- Rigid chassis with additional bottom frames
- 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
- Detachable Power Cable for easier installation (also allows cable upgrade)
- Assignable amplifiers for bi-amp connection
- Intelligent assignable amplifiers for Surround Back <-> Front Presence or Zone 2
- Phono input for vinyl playback

## Video Features

- 4K Pass-Through for next-generation super high resolution images
- 4K upscaling boosts lower resolution images to super high-definition resolution
- 4K / full HD 1080p video upscaling from analogue and HDMI input
- HDMI: 8 inputs (1 on front) and 2 outputs (simultaneous) with 3D and Audio Return Channel
- Supports Deep Colour (30/36 bit), x.v.Colour, 24Hz 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

- 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
  - AirPlay allows music streaming from iPad, iPhone, iPod touch, Mac, PC
  - AV Controller app for operating various functions from an iPod, iPhone, iPad or Android phones/tablets
  - Access to: Internet Radio (vTuner): MP3, WMA Music files on PC/NAS: WAV, MP3, WMA, AAC, FLAC
  - Web Browser Control via PC or Tablet
  - Receiver Manager through network connection
  - DLNA 1.5 certified

- Front panel USB Digital Connection for iPod, iPhone, iPad and USB device
- Charging of iPod, iPhone and iPad via USB when AV Receiver is off
- iPod/iPhone/iPad song titles displayed in English and Western European languages on the front panel and on-screen display
- HDMI front panel input for devices such as camcorders and digital cameras
- HDMI CEC with versatile control from AV Receiver remote control
- Ability to change HDMI input while in Standby Through mode
- YPAO R.S.C. (Reflected Sound Control) sound optimization with multi-point measurement
- Ability to store and choose between two speaker setting patterns
- Advanced multi-language GUI on-screen display with album art (English, German, French, Spanish, Russian, Chinese and Japanese)
- Flexibly assignable component video and optical/coaxial (except Video Aux) inputs allow a wide range of source components
- Audio Delay for adjusting Lip-Sync (0-500 ms)
- Learning-capable and preset remote unit (Preset remote unit in some areas)
- Background Video feature (for tuner and Net)

## 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
- Virtual dialogue lift even without use of presence speakers
- Dialogue Level Adjustment for proper sound balance with dialogue and vocals
- Virtual Presence Speaker function for CINEMA DSP 3D surround without Front Presence Speakers
- Channel expandability with external amplifier (7-channel expandability, bi-amping)
- Adaptive DRC (Dynamic Range Control) and Adaptive DSP Level

## Versatile Zone Control

- HDMI Zone B for audio/video streaming to another room (same content as main room)
- Zone 2 on/off and control on front panel
- Zone 2 video assign (Component, S-Video, Composite)
- System Backup / Recovery function
- Multi-channel output in main Zone plus 2-channel HDMI output in Zone B
- 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 down function with variable time setting
- Low standby power consumption of 0.3W

