AVENTAGE model designed for exquisite audio quality and featuring A.R.T. Wedge, 8 in (1 on front panel)/2 out HDMI, SCENE PLUS, network functions incl. Web Browser Control, AV Controller app compatibility, custom installation-friendly functions with Zone 2 Video.

The RX-A1010 offered with black, titanium and gold finish available in some areas.

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

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

Video Features

- Analogue and HDMI video upscaling to full HD 1080p
- 1080p-compatible HDMI: 8 inputs (1 on front) and 2 outputs (simultaneous)
- 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
- HDMI with 3D and Audio Return Channel

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
  - AV Controller app for operating various functions from an iPhone or iPad etc
  - Android app available in the coming months
  - Access to: Internet Radio (vTuner): MP3, WMA
        Streaming Services (Napster® for UK/Germany only)
        Music files on PC: WAV, MP3, WMA, AAC, FLAC
  - Web Browser Control via PC or PDA
  - Receiver Manager through network connection
  - DLNA 1.5 certified

- HDMI front panel input for devices such as camcorders and digital cameras
- HDMI CEC with versatile control from AV Receiver remote control
- Front panel USB Digital Connection for iPod and iPhone
- Advanced multi-language GUI on-screen display with album art
- YPAO sound optimisation with multi-point measurement
- Flexibly assignable component video and optical/coaxial (except Video Aux) inputs allow a wide range of source components
- Ability to change HDMI input while in Standby Through mode
- iPod/iPhone compatibility with optional YDS-12 Universal Dock
- iPod/iPhone song titles displayed in English and Western European languages on the front panel and on-screen display
- Wireless connection for iPod/iPhone with optional YID-W10
- Dialogue Lift
- Preset remote unit (Learning remote unit in some areas)
- Background video feature (for tuner, Net and USB)

Surround Realism

- HD Audio decoding with CINEMA DSP 3D (17 DSP programmes)
- Compressed Music Enhancer with CINEMA DSP
- 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
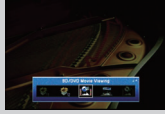
Versatile Zone Control

- 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 a second Zone
- Zone mono, Zone volume, tone controls and balance
- Party mode

Eco-Friendly Design

- Auto power down function with variable time setting
- Low Standby Power Consumption of 0.3W
- Low Standby Power Consumption of 2W (HDMI Standby Through mode)
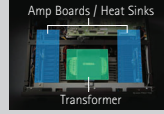
Powered by music

Extra-Convenient SCENE PLUS

The SCENE PLUS function simplifies operation by providing one touch power-on along with selection of the desired source and the appropriate DSP programmes. SCENE PLUS offers a choice of 12 SCENE selections, four of which can be assigned to the second zone in a multi-zone system. SCENE PLUS can be selected from the front panel, remote control, GUI and even from the iPhone app.

Symmetrical Power Amplifier Layout

This is just one of the many design details that all combine to create a superior receiver. The interior of the unit has been precisely planned, circuit-routed and built so that the left and right channels are physically and electrically isolated. This naturally maximises channel separation, but also greatly improves signal to noise ratio and also helps to achieve a wide, open sound stage.

Amp Boards / Heat Sinks

Transformer

Optimum Audio Quality Design Concept

The AVENTAGE line of high-performance AV receivers is based on an audio design concept that can best be expressed as "uncompromising excellence." By expertly harmonizing traditional and advanced technologies, every factor that affects sound quality, even to an aluminum front panel and unique A.R.T. Wedge foot, is handled with no other thought than to achieve the best possible audio quality.

Main Specifications

Audio Section

Rated Output Power (4 ohms, 1 kHz, 0.9 % THD, 1 ch driven [European Model])	
Front L/R	170 W/ch
Centre	170 W
Surround L/R	170 W/ch
Surround Back L/R	170 W/ch
Rated Output Power (8 ohms, 20 Hz-20 kHz, 0.09 % 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/ch
Centre	165 W
Surround L/R	165 W/ch
Surround Back L/R	165 W/ch
Dynamic Power/Ch (Front L/R, 8/6/4/2 ohms)	135/165/210/280 W

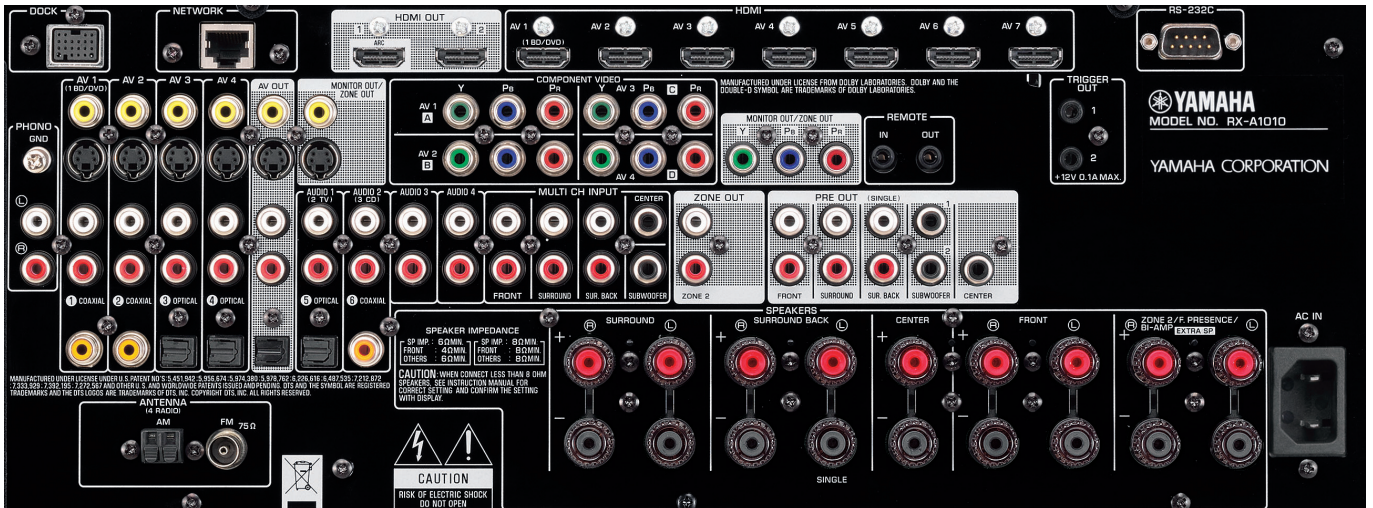### General

Standby Power Consumption	
HDMI Control off, Standby Through off	0.3 W
HDMI Control on, Standby Through on	2 W
Dimensions (W x H x D)	435 x 182 x 432 mm
Weight	15.1 kg

Optional Accessories

Universal Dock for iPod/iPhone
YDS–12

Made for iPod iPhone

iPhone not included

Wireless Dock System for iPod/iPhone
YID–W10

Made for iPod iPhone   AirWired

iPhone not included

European Model

Extensive Connections

Inputs			Outputs			Others	
HDMI*1	8		HDMI	2 (simultaneous)		Zone 2 Out with Volume and Tone Controls	1
Network	1		Optical Digital	1		Remote In/Out*6	1 / 1
USB*1	1		Analogue Audio	1		+12V / Total 100 mA Trigger Out*7	2
Radio Antenna (FM/AM)*2	1 / 1		Pre Out	7.2ch		RS-232C	1
Dock Terminal for Optional Dock Accessories	1		Component Video Monitor*3	1		Terminal for Detachable Power Cable	1
Optical Digital (Assignable except Video AUX)*1	4		Composite / S-Video Monitor*3	1 / 1			
Coaxial Digital (Assignable)	3		AV Out (Composite / S-Video)	1 / 1		*6 SCENE-IR support	
Analogue AV*1 / Audio (with Phono)	5 / 5		Speaker (without subwoofer)*4	7ch		*7 Yamaha subwoofer system control support	
Component Video (Assignable)	4		Extra Speaker*5	2ch			
Composite*1 / S-Video*1	5 / 5		Subwoofer	2 x mono			
Multi-Channel External Decoder	8ch		Headphone Jack	1			

*1 Including front panel terminals.
*2 The shape of the FM antenna terminal varies according to area.

*3 Assignable to monitor out or Zone 2 out.
*4 Banana-plug compatible speaker terminals.
*5 Extra Speaker : Zone 2/Front Presence, Bi-Amp.