

AVENTAGE Network AV Receiver with Dolby Atmos® compatibility for genuine 3D surround sound in your own home. Also featuring High Resolution audio playback support, 4K Ultra HD full support, Wi-Fi and *Bluetooth*® Built-in, and audiophile design for detailed audio reproduction.



Hidden Control Panel Includes HDMI Input Terminal, USB Port, Video Aux Input Terminals, YPAO Optimised Microphone Jack, And More.



Audio Features

- 7-channel powerful surround sound
100W per Channel (8 ohms, 20 Hz-20 kHz, 0.06% THD, 2 ch driven)
160W per Channel (4 ohms, 1 kHz, 0.9% THD, 1 ch driven [European Model])
160W per Channel (8 ohms, 1 kHz, 10% THD, 1 ch driven)
- Dolby Atmos® support
- Extra 5th foot with Anti-Resonance Technology (A.R.T. Wedge) to reduce Vibration
- Aluminium Front Panel Offers Visual and Aural Benefits
- Selected high quality parts to achieve optimum audio performance
- Pure Direct for pure HiFi sound quality enjoyment
- Latest Burr Brown DirectPath™ DA Converters
- New high quality Volume IC and Independent Pure Power Supply
- Low jitter PLL circuitry helps optimise sound imaging
- Assignable amplifiers for front speaker bi-amp connection
- Detachable Power Cable for easier installation (also allows cable upgrade)
- Intelligent assignable amplifiers for Surround Back <-> Front Presence or Zone 2
- DSD 2.8MHz/5.6MHz audio playback
- FLAC or WAV 192kHz/24-bit audio playback
- Apple Lossless audio playback
- Compressed Music Enhancer for *Bluetooth*
- Phono input for vinyl playback

Video Features

- 4K60p 4:4:4 Pass through
- 4K video upscaling from analogue and HDMI input
- HDMI: 8 (1 on front) and 2 output with HDCP.2.2 (3 in/2 out), 3D and Audio Return Channel
- Supports Deep Colour (30/36 bit), x.v.Colour, 24 Hz 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

- *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 iPod and iPhone
- Advanced multi-language GUI on-screen display with HD Font
- HDMI CEC with versatile control from AV Receiver remote control
- YPAO R.S.C. (Reflected Sound Control) sound optimisation with multi-point measurement
- HDMI front panel input for devices such as camcorders and digital cameras
- Ability to change HDMI input while in Standby Through mode
- Background Video feature (for Radio/USB/*Bluetooth*/AUDIO/NET/AUX input)
- SCENE buttons with direct power on (BD/DVD, TV, Net and Radio)
 - Quick and simple to use
 - HDMI CEC powers up compatible TVs and Blu-ray Disc™ players

Surround Realism

- HD Audio decoding with CINEMA DSP 3D (17 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
- Extra Bass enriches the powerful bass sound even with small speakers
- SILENT CINEMA to enjoy surround sound with headphones

Versatile Zone Control

- HDMI Zone B for audio/video streaming to another room (same content as main room)
- Versatile Zone 2 Control i.e. Power/Volume/Control by App
- Party mode
- Remote input/output
- Programmable +12V trigger output

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
- Improved Network and HDMI Standby Power Consumption



The RX-A850 offered with black and titanium finish available in some areas.

