

AVENTAGE

The AVENTAGE RX-A2030 maximizes multi-room entertainment with advanced HDMI zone switching while powering speakers in three independent zones. With 9 channels of amplification, enjoy superior audio quality with the ESS Premier DAC and gain more calibration accuracy with an improved YPAO™ microphone. The Compressed Music Enhancer expands the bit rate of stereo PCM signals to improve the fidelity of standard digital audio formats. Reward yourself with the highest level of video performance offered from a Yamaha video processor.



Oil-Damped Hidden Control Panel
Includes HDMI/MHL input terminal, USB port, Video Aux input terminals, Zone 2/3/4 switches, YPAO microphone jack, and more.

Learning and preset capable remote unit



Audio Features

- 9-channel powerful surround sound
140W per Channel (8 ohms, 20 Hz–20 kHz, 0.06 % THD, 2 ch driven)
155W per Channel (8 ohms, 1 kHz, 0.9 % THD, 2 ch driven)
- HD Audio format decoding
- Symmetrical power amplifier layout
- Heat sink with anti-vibration and anti-thermal properties
- Rigid chassis with additional bottom frames
- Two ESS ES9006 8-channel DACs featuring true professional digital audio quality
- DAC on Pure Ground circuitry
- High speed thermal feedback power amplifier
- Ultra Low Jitter PLL circuitry helps optimize 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-shape cross frame for additional chassis rigidity
- Intelligent assignable amplifiers for Surround Back <-> Rear Presence or Zone2/3
- Phono input for vinyl playback
- FLAC or WAV 192kHz/24-bit audio playback

Video Features

- Ultra HD (4K) Pass-Through for next-generation super high resolution images
- Ultra HD (4K) upscaling boosts lower resolution images to super high-definition resolution
- HDMI: 8 inputs (1 on front) and 2 outputs (assignable for zone 2/4) with 3D and Audio Return Channel
- Analog to analog video upconversion
- Yamaha original video processing that optimizes 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

- 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 2/3/4
 - 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
Streaming Services (Pandora®, Rhapsody®) *Music service availability varies by region.
Music files on PC/NAS: WAV, MP3, WMA, AAC, FLAC
 - Web Browser Control via PC or tablet
 - DLNA 1.5 certified

- HD Radio™ (for USA only)
- MHL supports full HD video and audio from mobile phones and portable devices
- HDMI front panel input for devices such as camcorders and digital cameras
- Front panel USB Digital Connection for iPod, iPhone, iPad and USB device
- 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
- High sensitivity YPAO microphone for more precise 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, Italian, Japanese and Chinese)
- Macro, Learning and preset capable remote unit
- Background Video feature (for tuner and Net)
- DC Out for optional accessories

Surround Realism

- HD Audio decoding with CINEMA DSP 3D (23 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
- Adaptive DRC (Dynamic Range Control) and Adaptive DSP Level
- SILENT CINEMA and New Virtual CINEMA DSP for 7.1-channel surround sound

Versatile Zone Control

- Advanced HDMI Zone Switching allows various input sources to be output via HDMI and enjoyed in different rooms
- Zone 2/3/4 on/off and control on front panel
- Zone GUI (song/station selection, album cover art display, Zone tone controls/Zone balance, short message)
- Zone 2/3 video assign (Component, S-Video, Composite)
- System Backup / Recovery function
- Zone mono, Zone volume, Zone max volume, etc.
- 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 standby function with variable time setting
- Low standby power consumption of 0.35 W

AV Receiver RX-A2030

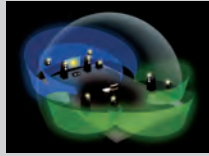
Superlative Audio Quality

The RX-A2030 delivers the kind of superb audio quality you expect from a high-end Yamaha receiver. It incorporates two ES9006 Premier Audio DACs from ESS Technology. This DAC is a solution with exceptionally good S/N ratio and dynamic range that provides true professional digital audio quality. The RX-A2030 also uses Ultra-Low Jitter PLL circuitry, which prevents the type of digital distortion known as jitter from affecting the sound quality.



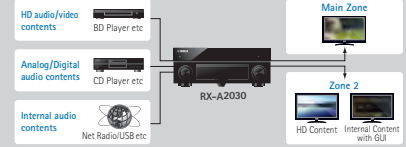
Dynamic, Realistic 9ch Surround Sound

With nine separate channels plus subwoofers, CINEMA DSP 3D gives surround sound a true three-dimensional quality, using the extra channels to create height and width within the sound field. YPAO automatically sets the system for optimum sound at any of several listening positions. It employs Reflected Sound Control to correct early reflections for studio-quality sound.



Advanced HDMI Zone Switching

Advanced HDMI Zone Switching enables users to enjoy not just one HD audio/video source but two different ones in two different zones. The input sources can be HDMI, analog/digital, network or USB. The person in Zone 2 can choose the source by using the Zone GUI.



Main Specifications

Audio Section	
Rated Output Power (8 ohms, 1 kHz, 0.9 % THD, 2 ch driven)	
Front L/R	155 W + 155 W
Center	155 W
Surround L/R	155 W + 155 W
Surround Back L/R	155 W + 155 W
Front Presence L/R	155 W + 155 W
Rated Output Power (8 ohms, 20 Hz-20 kHz, 0.06 % THD, 2 ch driven)	
Front L/R	140 W + 140 W
Center	140 W
Surround L/R	140 W + 140 W
Surround Back L/R	140 W + 140 W
Front Presence L/R	140 W + 140 W

Dynamic Power/Ch (Front L/R, 8/6/4/2 ohms)	165/210/285/405 W
General	
Standby Power Consumption	
HDMI Control off, Standby Through off	0.35 W (typical)
HDMI Control on, Standby Through on	5.0 W (typical)
Network Standby on	2.2 W (typical)
Dimensions (W x H x D)	17-1/8" x 7-1/2" x 18-3/8"
	435 x 192 x 467 mm
Weight	37.7 lbs.; 17.1 kg

Optional Accessories

Wi-Fi Adapter YWA-10



Wi-Fi Adapter for Wireless Streaming of Additional Music Sources



The YWA-10 makes it possible to stream music wirelessly to the AV receiver from a PC, NAS and internet. 2 LAN port design supports connection of other network device such as Blu-ray player. Power is supplied from the AV receiver via USB.

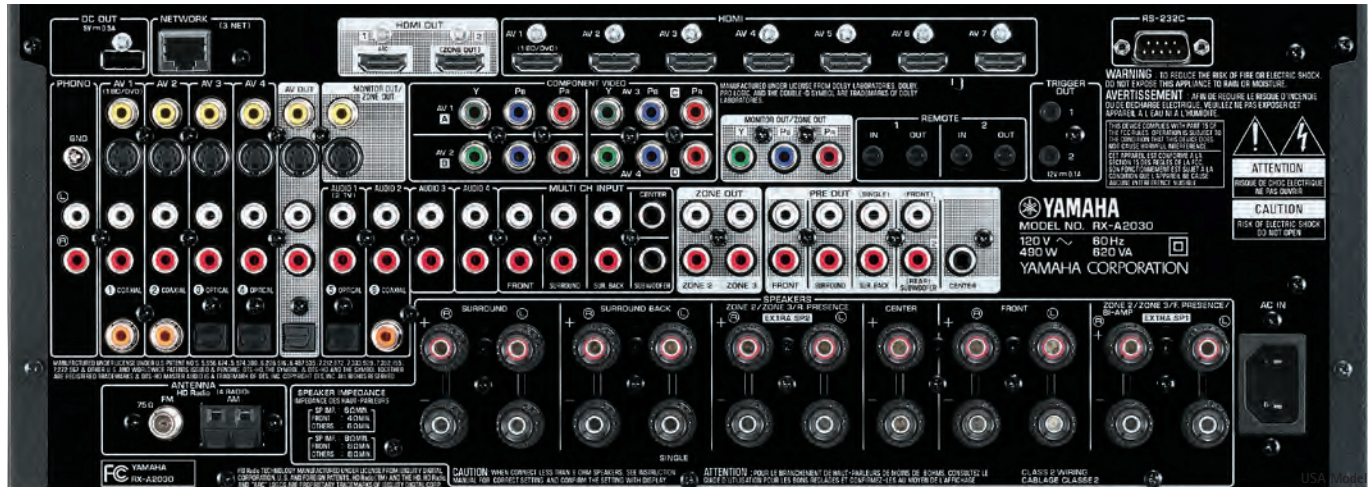
Bluetooth® Wireless Audio Receiver YBA-11



Bluetooth Adapter for Wireless Music Streaming



With the YBA-11, you'll be able to stream music wirelessly from a Bluetooth enabled mobile phone or a PC to the AV receiver. Thanks to the digital connection and aptX® audio coding algorithm, you'll enjoy wireless music streaming with optimum sound quality.



Extensive Connections

Inputs	Outputs	Others
HDMI*1 (Front HDMI : MHL input compatible)	HDMI	Zone 2 Out with Volume and Tone Controls
Network	Optical Digital	Zone 3 Out with Volume and Tone Controls
USB*1	Analog Audio	Remote In/Out
Radio Antenna (FM/AM) incl. HD Radio**2	Pre Out	+12V / Total 100 mA Trigger Out**5
Optical Digital (Assignable except Video AUX)*1	Component Video Monitor**3	RS-232C
Coaxial Digital (Assignable)	Composite / S-Video Monitor**3	Terminal for Detachable Power Cable
Analog AV*1 / Audio (with Phono)	AV Out (Composite / S-Video)	
Component Video (Assignable)	Speaker	
Composite*1 / S-Video	Subwoofer	
Multi-Channel Input	DC Out**4	
	Headphone Jack*1	

*Made for iPod, *Made for iPhone, and *Made for iPad mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance. AirPlay, iPhone, iPod, iPod classic, iPod nano, iPod touch, and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries. iPad is a trademark of Apple Inc. AirPlay works with iPhone, iPad, and iPod touch with iOS 4.3.3 or later, Mac with OS X Mountain Lion, and Mac and PC with iTunes 10.2.2 or later. • The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Yamaha Corporation is under license. Other trademarks and trade names are those of their respective owners. • The aptX™ software is copyright CSR plc or its group companies. All rights reserved. The aptX™ mark and the aptX logo are trademarks of CSR plc or its group companies and may be registered in one or more jurisdictions. • Dolby and the double-D symbol are registered trademarks of Dolby Laboratories. • DTS, DTS-HD, the Symbol, & DTS or DTS-HD and the Symbol together are registered trademarks of DTS, Inc. • HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. • MHL and the MHL logo are a trademark, registered trademark or service mark of MHL, LLC in the United States and/or other countries. • "x.v.Color" is a trademark of Sony Corporation. • CINEMA DSP is a trademark of Yamaha Corporation. • SILENT CINEMA is a trademark of Yamaha Corporation. • HD Radio Technology manufactured under license from iBiquity Digital Corporation. U.S. and Foreign Patents. HD Radio™ and the HD, HD Radio, and "Are" logos are proprietary trademarks of iBiquity Digital Corp. • Product designs and specifications are subject to change without notice. • Pandora and Pandora Internet Radio logo are registered trademarks or trademarks of Pandora Media, Inc. in the United States and/or other countries. • Rhapsody and the Rhapsody logo are registered trademarks of Rhapsody International, Inc. • Product designs and specifications are subject to change without notice.