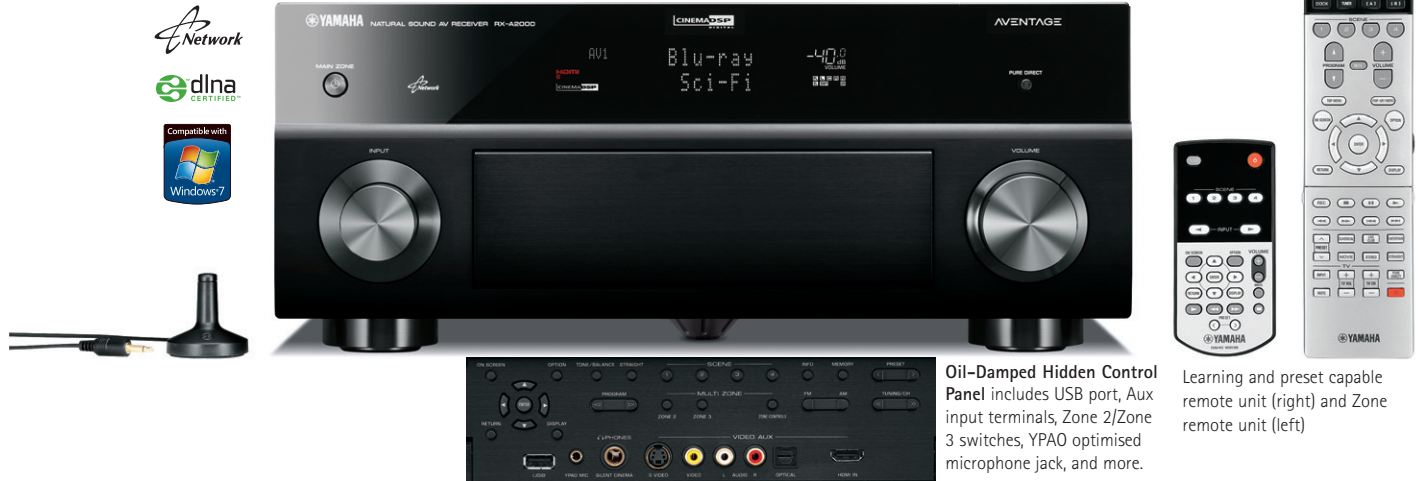


Ultra-high performance AV Receiver with 9.2 channel capability supports 3D and Audio Return Channel over 8 in/2 out HDMI and features HD Audio decoding with CINEMA DSP 3D, HQV video quality, new GUI, new YPAO with Reflected Sound Control and new SCENE functionality.



Oil-Damped Hidden Control Panel includes USB port, Aux input terminals, Zone 2/Zone 3 switches, YPAO optimised microphone jack, and more.

Learning and preset capable remote unit (right) and Zone remote unit (left)



High Sound Quality

- 7-channel 910W powerful surround sound (130W x 7 RMS)
- HD Audio format decoding: Dolby TrueHD and DTS-HD Master Audio; Dolby Digital Plus and DTS-HD High Resolution Audio
- High quality parts allowed sound tuning for optimum performance
- H-shape cross member frame
- Symmetrical power amplifier layout
- New heat sink with anti-vibration and anti-thermal properties
- High speed thermal feedback power amplifier
- DAC on Pure Ground circuitry with high quality Burr-Brown DACs
- Ultra Low Jitter PLL circuitry
- Extra 5th leg with Anti-Resonance Technology (A.R.T. Wedge) to reduce vibration
- Intelligent Assignable amplifiers for bi-amp or Surround Back <-> Front Presence or Zone 2/Zone 3 connection

High Picture Quality

- 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
- HQV high-class chipset "VHD1900" for HD/SD Video
- Video adjustment functionality
 - New auto noise reduction (mosquito noise, block noise, temporal noise)
 - New auto resolution enhancement (detail/edge enhancement)
 - Contrast, Brightness, Saturation
 - 6 preset memories

Advanced Features

- New SCENE PLUS - simple and versatile functionality
 - 12 SCENE choices (4 on front panel and others on GUI)
 - Zone SCENE - 4 SCENE buttons for Zone 2/Zone 3
 - Versatile parameters can be stored into each SCENE
- Network functions
 - Access to Internet Radio (MP3/WMA) and music files on PC or DLNA Server (WAV, MP3, WMA, AAC, FLAC 96/24)
 - Web Browser Control via PC or PDA
 - Receiver Manager through network connection
 - DLNA V.1.5 certified

- YPAO-Reflected Sound Control sound optimisation with multi-point measurement
 - DSP Effect Normalization
 - Room Acoustic Echo
 - Controlling reflection and echo
- HDMI (V.1.4a with 3D and Audio Return Channel)
- HDMI CEC functionality
- New on-screen display GUI with album art
- Flexibly assignable component video and optical/coaxial (except Video Aux) inputs allow a wide range of source components
- Video Adjustment Preset
- Ability to change HDMI input while in Standby Through mode
- USB port for portable audio players and flash drives (MTP/MSC)
- iPod/iPhone compatibility with optional YDS-12 Universal Dock
- iPod 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
- Bluetooth (A2DP) compatibility with optional Yamaha Bluetooth® Wireless Audio Receiver YBA-10
- Dialogue Lift
- Auto power down function with variable time setting

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 (9-channel expandability (bi-amping))
- Adaptive DRC (Dynamic Range Control) and Adaptive DSP Level

Versatile Zone Control

- Zone 2/Zone 3 on/off and control on front panel
- Zone GUI (song/station selection, album cover art display, zone tone controls/Zone balance, short message)
- Zone video assign (Zone 2/Zone 3)
- System Backup / Recovery function
- Multi-channel output in main zone plus 2-channel HDMI output in a second zone
- Zone MONO, Zone volume and tone controls
- Party mode

AV Receiver RX-A2000

NEW PRODUCT BULLETIN

Main Specifications

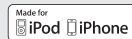
AUDIO SECTION	
Minimum RMS Output Power (8 ohms, 20 Hz-20 kHz) (0.06% THD)	Front Channels 130 W + 130 W Center Channel 130 W Surround Channels 130 W + 130 W Surround Back Channels 130 W + 130 W
Dynamic Power/Channel (Front L/R, 8/6/4/2 ohms)	165/210/285/405 W
Input Sensitivity/Impedance (1 kHz, 100 W/8 ohms)	Phono MM 3.5 mV/47 k-ohms
	Audio 2, etc 200 mV/47 k-ohms
	F/C/S/SB 200 mV/47 k-ohms
	Subwoofer 200 mV/47 k-ohms
Output Level/Impedance	AV Out 200 mV/1.2 k-ohms
	Headphone Out 150 mV/100 ohms
	Pre Out (F/F.Pres/C/S/SB, 1 kHz) 1 V/1.2 k-ohms
	Subwoofer (50 Hz) 1 V/1.2 k-ohms
Zone 2/Zone 3 Out 1 V/1.2 k-ohms	

Total Harmonic Distortion (AV1 etc, 20 Hz-20 kHz, Sp Out, Front L/R)	0.04% (65 W/8 ohms)
Frequency Response (Audio 2 etc, Pure Direct, Front L/R)	10 Hz-100 kHz +0, -3 dB
Signal-to-Noise Ratio (Audio 2 etc, Input Shorted, Sp Out)	100 dB (250 mV)
VIDEO SECTION	
Video Monitor Out Frequency Response Component Video Signal	5 Hz-100 MHz ±3 dB
TUNER SECTION	
FM 50dB Quieting Sensitivity Mono	3 μV (20.8 dBf)
FM Signal-to-Noise Ratio Mono	74 dB
Stereo	70 dB
GENERAL SECTION	
Standby Power Consumption (HDMI Off/Standby Through Off)	0.3 W
Standby Power Consumption (HDMI On/Standby Through On)	2.7 W
Standby Power Consumption (NET Standby On)	4.5 W
Dimensions (W x H x D)	17-1/8" x 7-1/8" x 16-7/8"
Weight	32.4 lbs.

YDS-12 Universal Dock for iPod/iPhone

The optional YDS-12 Universal Dock lets you connect your iPod or iPhone to the receiver.

iPhone not included



YID-W10 Wireless Dock System for iPod/iPhone

The optional YID-W10 ensures that you enjoy maximum sound quality and no lip sync (AV matching) problems.

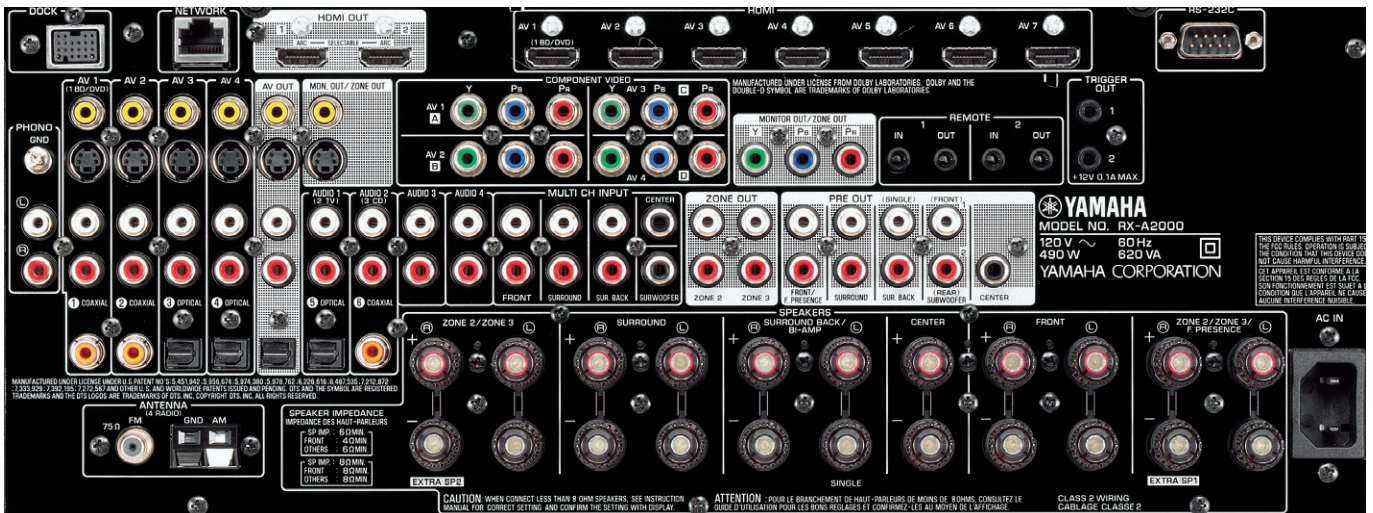


AirWired



Yamaha Bluetooth® Wireless Audio Receiver

The optional YBA-10 supports A2DP audio streaming, enjoying music wirelessly from Bluetooth-enabled mobile phones, Windows PCs and Macs.



Extensive Connections

Inputs	
HDMI*1	8
USB*1	1
Network	1
Radio Antenna (FM/AM)	1 / 1
Dock Terminal for Optional Dock Accessories	1
Optical Digital*1 (Assignable except Video AUX)	4
Coaxial Digital (Assignable)	3
Analogue AV*1 / Audio (with Phono)	5 / 5
Component Video (Assignable)	4
Composite / S-Video*1 Monitor	5 / 5
Multi-Channel External Decoder	8ch

*1 Including front panel terminals.

Outputs	
HDMI	2 (simultaneous)
Optical Digital	1
Analogue Audio	1
Pre Out	7ch
Component Video Monitor*2	1
Composite Monitor*2 / S-Video*2	1 / 1
AV Out (Composite / S-Video)	1 / 1
Speaker (without subwoofer)*3	7ch
Extra Speaker (Front Presence / Zone 2)*3	2ch*4
Subwoofer	2 x mono

*2 Assignable to monitor out or Zone out.

*3 Banana-plug compatible speaker terminals are not available in some areas.

*4 Power amplifier assignable: Surround Back to Front Presence/Zone 2.

Others	
Zone 2 Audio Out with Volume/Tone Control	1
Zone 3 Audio Out with Volume/Tone Control	1
Remote In/Out*5	2 / 2
+12V/100 mA (Total) Dual Trigger Out*6	2
RS-232C	1
Terminal for Detachable Power Cable	1

*5 SCENE-IR support

*6 Yamaha subwoofer system control support

• "Made for iPod," and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone 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. iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc. registered in the U.S. and other countries. • The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. • Dolby and the double-D symbol are registered trademarks of Dolby Laboratories. • DTS is a registered trademark and the DTS logos, Symbol, DTS-HD and DTS-HD Master Audio are trademark of DTS, Inc. • HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. • Windows is a registered trademark of Microsoft Corporation in the United States and other countries. • DLNA Certified is a trademark of the Digital Living Network Alliance. • Burr-Brown products are trademarks of Texas Instruments, Inc. • "xxColour" is a trademark of Sony Corporation. • HOV and the HOV logo are trademarks or registered trademarks of Integrated Device Technology, Inc. in the United States and other countries. • CINEMA DSP is a trademark of Yamaha Corporation. • SILENT CINEMA is a trademark of Yamaha Corporation. • Product designs and specifications are subject to change without notice.