

An awesome demonstration of AV Receiver possibilities, with five HDMI inputs and two outputs, enhanced Adaptive DRC, advanced video processing, multi-zone custom installation facilities and Network Receiver functionality.



Oil-Damped Hidden Control Panel includes USB port, HDMI interface, Aux input terminals, Zone 2/Zone 3/Zone 4 power on/off switches, YPAO optimised microphone jack, and more.

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



High Sound Quality

- 7-channel 980W powerful surround sound (140W x 7)
- Decoders for HD Audio format: Dolby TrueHD and DTS-HD Master Audio (192kHz); Dolby Digital Plus and DTS-HD High Resolution Audio
- Digital Top-ART and High Current Amplification
- Stable chassis design with cross-shaped frames and double-box construction
- Pure Direct for HD audio and video enjoyment
- Burr-Brown 192kHz/24-bit DACs in all channels
- Digital System Clock Isolator and Ultra Low Jitter PLL circuitry for HDMI and any digital sources
- Intelligent Assignable Amplifiers for bi-amp or Front Presence connection

High Picture Quality

- Analogue and HDMI video upscaling to full HD 1080p and downscaling to 480p
- 1080p-compatible HDMI 5 inputs (1 on front) and 2 outputs (simultaneous)
- Supports Deep Colour (30/36 bit), x.v.Colour, 100Hz/120Hz and 24Hz Refresh Rates, and Auto Lip-Sync compensation
- PReP™ (Progressive ReProcessing) with 2:2/2:3 Pull-Down Detection, Motion Adaptive Deinterlacing
- Versatile video adjustment functions with 6 preset memories for different sources. Video adjustments are Mosquito Noise Reduction, Block Noise Reduction, Detail Enhancement, Edge Enhancement, and Brightness/Contrast/Saturation control
- Anchor Bay VRS™ video processing technologies

Extensive Compatibility

- Network Receiver capabilities
- Connecting Internet Radio (MP3/WMA), music files on PC (WAV, MP3, WMA, AAC) and Yamaha MusicCAST via LAN
- Windows Vista and DLNA network device support
- USB port for portable audio players and flash drives (MTP/MSC)

- iPod compatibility via optional YDS-11 Universal Dock
- Bluetooth (A2DP) compatibility with optional Yamaha Bluetooth® Wireless Audio Receiver YBA-10

Superb Convenience

- Advanced YPAO with multiple point measurement for automatic speaker setup
- System Memory – 6 combinations for Main and 4 for other Zone 2, 3 and 4
- GUI superimpose on-screen display with 6 language (English, French, German, Spanish, Russian and Japanese)
- Album Art display on GUI
- iPod content browsing on front panel display
- Web Browser Control: You can control the RX-Z7 via a PC or PDA web browser over a home network

Surround Realism

- CINEMA DSP 3D processing (22 programmes) with Adaptive DSP Level
- Adaptive DRC (Dynamic Range Control) now enhanced with input source level compensation and YPAO speaker setup data
- Dialogue Lift
- Compressed Music Enhancer

Versatile Zone Control

- Supporting up to Zone 4
- Assignable Amplifiers for multi-zone control (Zone 2 and Zone 3)
- Preamplifier Mode
- Assignable Zone component video for Zone 2 to 4
- Zone 2 video output with OSD capability
- Zone 4 optical digital audio output
- Zone Mono (Zone 2 and Zone 3)
- Sleep timer for all zones
- RS-232C interface
- Remote input/output and programmable Dual +12V trigger outputs

Main Specifications

Audio Section

Min. RMS Output Power (8 ohms, 20 Hz–20 kHz, 0.04% THD)	
Front Channels	140 W + 140 W
Centre Channel	140 W
Surround Channels	140 W + 140 W
Surround Back Channels	140 W + 140 W
Dynamic Power/Ch (Front Ch) 8/6/4/2 ohms	
	170/205/265/345 W
Frequency Response	10 Hz–100 kHz +0/-3 dB
Total Harmonic Distortion (20 Hz–20 kHz), CD (Front Sp Out)	0.04%
Signal-to-Noise Ratio (CD, 250 mV)	100 dB
Input Sensitivity/Impedance (1 kHz, 100 W/8 ohms)	
Phono MM / CD	3.5 mV/47 k-ohms / 200 mV/47 k-ohms

Output Level/Impedance	Rec Out	200 mV/900 ohms
	Pre Out (F/C/S/SB)	1 V/500 ohms
	Subwoofer (20 Hz)	1 V/1.2 k-ohms
	Zone 2/3/4 Out	1 V/1.4 k-ohms

Video Section

Video Monitor Out Frequency Response Component Video Signal	5 Hz–100 MHz ±3 dB
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Tuner Section

FM 50dB Quieting Sensitivity	Mono / Stereo	2 µV (17.3 dBf) / 25 µV (39.2 dBf)
AM Usable Sensitivity		300 µV/m

General

Dimensions (W x H x D)	435 x 196 x 441 mm
Weight	19.6kg

YDS-11 Universal Dock for iPod

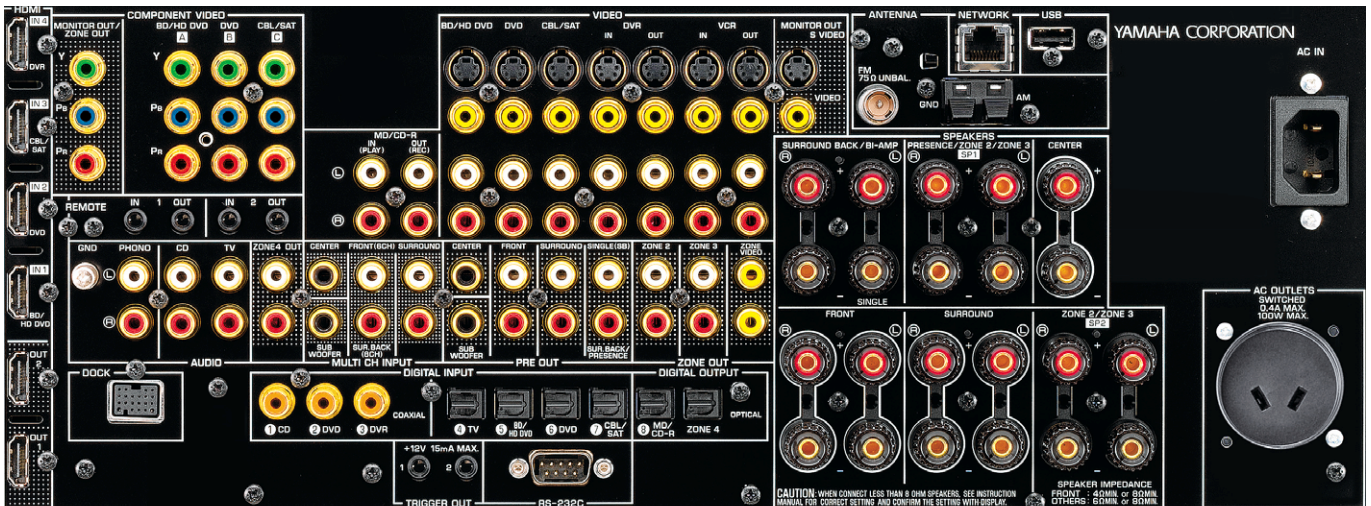
The optional YDS-11 Universal Dock lets you connect your iPod to the receiver.

iPod not included



Yamaha Bluetooth® Wireless Audio Receiver

The YBA-10 Bluetooth Wireless Audio Receiver docks to the receiver and supports A2DP audio streaming, so users can enjoy music wirelessly from Bluetooth-enabled mobile phones, Windows PCs and Macs.



Extensive Connections

Inputs	
HDMI*	5
Radio Antenna (FM/AM)	1 / 1
Dock Terminal for Optional Dock Accessories	1
USB*	2
Network	1
Optical Digital (Fixed and Assignable)*	5
Coaxial Digital (Fixed and Assignable)	3
S-Video*	6
Analogue A/V / Audio*	6 / 4
Component Video (Fixed and Assignable)	3
Multi-Channel External Decoder	8ch or 6ch

* Including front panel terminals.

Outputs	
HDMI	2
Optical Digital (Fixed and Assignable)	1
Analogue A/V / Audio	2 / 1
S-Video	2
Component Video Monitor	1
S-Video / Component Monitor	1 / 1
Speaker (without subwoofer)*	7ch / 11 ter.
Subwoofer*	1

** Banana-plug compatible.

Others	
Zone 2 Composite Video Out	2
Zone 2 Audio Out	1
Zone 3 Audio Out	1
Zone 4 Optical Digital Out	1
Zone 4 Analogue Out	1
Remote In/Out	2 / 2
+12V/15mA Trigger Out	2
RS-232C	1
Terminal for Detachable Power Cable	1

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