

New top-of-the-line AV Receiver with 11.2 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 Control and new SCENE functionality.



Oil-Damped Hidden Control Panel includes USB port, Aux input terminals, Zone 2/Zone 3/Zone 4 switches, YPAO optimized microphone jack, and more.

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



High Sound Quality

- 7-channel 980W powerful surround sound (140W 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 and double bottom construction
- 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 foot 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, block and temporal noise) with customisation capability
 - New auto resolution enhancement (detail and edge enhancement) with customisation capability
 - Auto Contrast Enhancement
 - Contrast, Brightness, Saturation
 - 6 preset memories
 - Variable video adjustment

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 angle measurement and multi-point measurement
 - DSP Effect Normalisation
 - 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 and 6 languages (English, French, German, Spanish, Russian and Japanese)
- 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
- 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
- CINEMA DSP 3D, expandable to 11.2 channels (with front and rear presence speakers) by adding an external amp
- Virtual Presence Speaker function for CINEMA DSP 3D without Front Presence Speakers
- Channel expandability with external amplifier (11-channel expandability (bi-amping))
- Adaptive DRC (Dynamic Range Control) and Adaptive DSP Level
- Dialogue Lift

Versatile Zone Control

- Zone 2/Zone 3/Zone 4 on/off and control on front panel
- Zone GUI (song/station select, album cover art display, zone tone controls/Zone balance, short message)
- Zone video assign (Zone 2/Zone 3/Zone 4)
- 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-A3000

NEW PRODUCT BULLETIN

Main Specifications

AUDIO SECTION			
Minimum RMS Output Power (8 ohms, 20 Hz-20 kHz) (0.06% 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/Channel (Front L/R, 8/6/4/2 ohms)	175/220/295/415 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/BS	200 mV/47 k-ohms	
	Subwoofer	200 mV/47 k-ohms	
	AV Out	200 mV/1.2 k-ohms	
Output Level/Impedance	Headphone Out	150 mV/100 ohms	
	Pre Out (F/F.Pre, 1 kHz)	1 V/1.2 k-ohms	
	Pre Out (C/S/BS, 1 kHz)	1 V/1.2 k-ohms	
	Subwoofer (50 Hz)	1 V/1.2 k-ohms	
	Zone 2/Zone 3 (Rear Pres) Out	1 V/1.2 k-ohms	

Frequency Response (Audio 2 etc, Pure Direct On, Front L/R)	10 Hz-100 kHz +0/-3 dB		
Total Harmonic Distortion (AV1 etc, 20 Hz-20 kHz, Sp Out, Front L/R)	0.04% (70 W/8 ohms)		
Signal-to-Noise Ratio (Audio 2 etc, Input Shorted, Sp Out)	100 dB (250 mV)		
VIDEO SECTION			
Video Monitor Out Frequency Response	5 Hz-100 MHz ±3 dB		
Component Video Signal			
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)	435 x 182 x 430 mm		
Weight	17 kg		

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



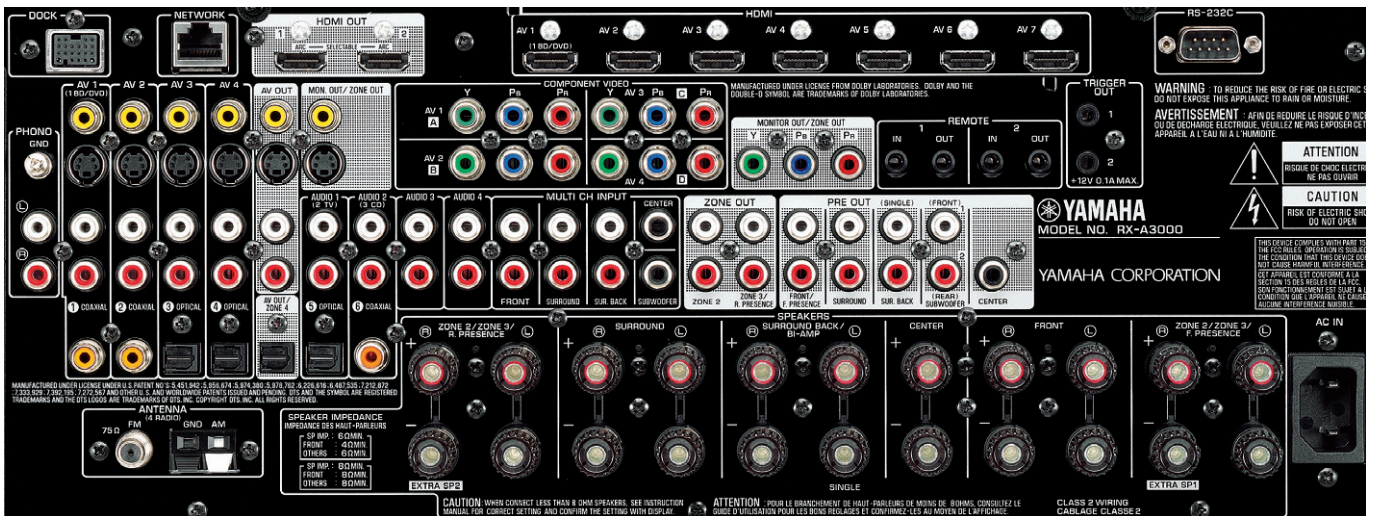
YID-W10 Wireless Dock System for iPod/iPhone

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



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
SIRIUS	1
Radio Antenna (FM/AM) incl. HD Radio	1 / 1
Dock Terminal for Optional Dock Accessories	1
Optical Digital (Assignable except Video Aux)*1	4
Coaxial Digital (Assignable)	3
Analogue AV*1 / Audio	5 / 5
Component Video (Audio Input Assignable)	4
Composite / S-Video Monitor	5 / 5
Multi-Channel External Decoder	8ch

*1 Including front panel terminals.

Outputs	
HDMI	2 (simultaneous)
Optical Digital	1*2
Analogue A/V / Audio	1
Pre Out	9ch*3
Component Video Monitor*4	1
Composite Monitor*4 / S-Video*4	1 / 1
AV Out (Composite / S-Video)	1 / 1
Speaker (without subwoofer)	7ch
Extra Speaker	4ch*5
Subwoofer	2 (stereo, front/rear)

*2 Assignable to Zone out or AV out.

*3 Rear Presence is assignable to Zone 3.

*4 Assignable to monitor out or Zone out.

*5 Power amplifier assignable: Surround Back to Front Presence/Rear Presence/Zone 2/Zone 3, Surround to Zone 2 / Zone 3 and Front to Front Presence.

Others	
Zone 2 Audio Out (with Volume/Tone Control)	1
Zone 3 Audio Out / R. Pres Pre Out (with Vol/Tone Cont)	1*6
Remote In/Out	2 / 2*7
+12V/150mA Trigger Out	2*8
RS-232C	1
Terminal for Detachable Power Cable	1

*6 Assignable to Rear Presence pre out.

*7 SCENE-IR support.

*8 Yamaha subwoofer system control capable.

• "Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards. • "Works with iPhone" means that an electronic accessory has been designed to connect specifically to iPhone 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. • 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 logo, Symbol, DTS-HD and DTS-HD Master Audio are trademarks 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. • "x.v.Colour" is a trademark. • HDV and the HDV 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.

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