

Network AV Receiver with 8 in/2 out HDMI (3D and ARC compatibility), iPhone app compatibility, front panel HDMI and USB digital connections, HD Audio decoding with CINEMA DSP 3D, YPAO Multipoint functionality, and 1080p upscaling.



Audio Features

- 7-channel powerful surround sound
700W = 100W x 7 (8 ohms, 20 Hz-20 kHz, 0.09 % THD, 2 ch driven)
1,120W = 160W x 7 (8 ohms, 1 kHz, 10 % THD, 1 ch driven, JEITA)
- HD Audio format decoding: Dolby TrueHD and DTS-HD Master Audio; Dolby Digital Plus and DTS-HD High Resolution Audio
- Discrete amp configuration
- Pure Direct for highest resolution sound
- Low jitter PLL circuitry helps optimise sound imaging
- Assignable amplifiers for bi-amp connection
- Intelligent assignable amplifiers for Surround Back <-> Front Presence or Zone 2

Video Features

- Analogue and HDMI video upscaling to full HD 1080p
- 1080p-compatible HDMI: 8 inputs (1 on front) and 2 output
- Supports Deep Colour (30/36 bit), x.v.Colour, 24Hz 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
- HDMI with 3D and Audio Return Channel

Advanced Features

- SCENE buttons (BD/DVD, TV, CD and Radio)
 - Quick and simple to use
 - HDMI CEC powers up compatible TVs and Blu-ray Disc™ players
- Network functions
 - AV Controller app for operating various functions from an iPhone or iPad, etc.
 - Android app available in the coming months
 - Access to: Internet Radio (vTuner): MP3, WMA
Music files on PC: WAV, MP3, WMA, AAC, FLAC
 - DLNA 1.5 certified
- Front panel USB Digital Connection for iPod and iPhone
- Advanced multi-language GUI on-screen display with album art
- HDMI front panel input for devices such as camcorders and digital cameras
- HDMI CEC with versatile control from AV Receiver remote control
- YPAO sound optimisation with multi-point measurement

- Audio input assign capability for HDMI and component video input
- Ability to change HDMI Input while in Standby Through mode
- iPod/iPhone compatibility with optional YDS-12 Universal Dock
- Wireless connection for iPod/iPhone with optional YID-W10
- iPod/iPhone song titles displayed in English and Western European languages on the front panel and on-screen display
- Dialogue Lift
- Audio Delay for adjusting Lip-Sync (0-250ms)
- Preset remote unit (Learning remote unit in some areas)
- Background video feature (for tuner, Net and USB)

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
- Adaptive DRC (Dynamic Range Control) and Adaptive DSP Level
- SILENT CINEMA and Virtual CINEMA DSP

Versatile Zone Control

- Zone 2 on/off and control on front panel
- Zone sleep and system sleep
- Party mode
- Remote input/output
- Programmable +12V trigger output

Eco-Friendly Design

- Auto power down function with variable time setting
- Low Standby Power Consumption of 0.1 W
- Low Standby Power Consumption of 2.0 W (HDMI Standby Through mode)

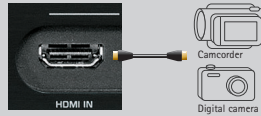
Use in a Home Network for More Music, Easy Control

This AV Receiver can be the control centre of a home entertainment network connected to the internet. You can use the AV Controller app for control from an iPhone, etc., and enjoy internet radio from vTuner.



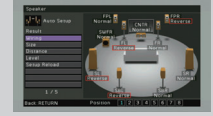
8 In/2 Out HDMI Terminals

With eight HDMI inputs, you can connect a wide variety of high quality audio and video sources. One of the inputs is on the front panel, making it convenient to connect a camcorder or other device. The two outputs make it possible to send the same video to two different monitors.



On-Screen Advanced GUI (Graphical User Interface)

Yamaha's latest Graphical User Interface has a high resolution display with clear, easy-to-use menus and also includes a selectable Status Bar that shows input source, volume level, DSP mode and audio format. The GUI can be displayed over both normal and 3D pictures.



Main Specifications

Audio Section

Rated Output Power (8 ohms, 20 Hz-20 kHz, 0.09 % THD, 2 ch driven)

Front L/R	100 W + 100 W
Centre	100 W
Surround L/R	100 W + 100 W
Surround Back L/R	100 W + 100 W

Maximum Effective Output Power (8 ohms, 1 kHz, 10 % THD, 1 ch driven, JEITA)

Front L/R	160 W/ch
Centre	160 W
Surround L/R	160 W/ch
Surround Back L/R	160 W/ch

Dynamic Power/Ch (Front L/R, 8/6/4/2 ohms)

140/180/210/250 W

General

Standby Power Consumption

HDMI Control off, Standby Through off	0.1 W
HDMI Control on, Standby Through on	2.0 W

Dimensions (W x H x D)

435 x 171 x 368 mm

Weight

11.1 kg

Optional Accessories

Universal Dock for iPod/iPhone
YDS-12

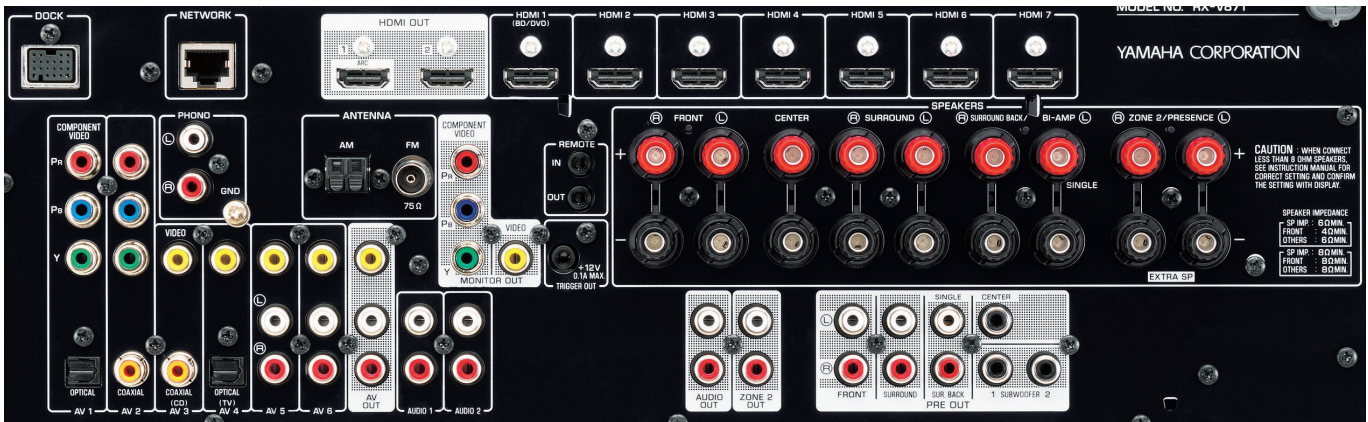


iPhone not included

Wireless Dock System for iPod/iPhone
YID-W10



iPhone not included



Extensive Connections

Inputs		Outputs		Others	
HDMI*1 (Audio Input Assignable*2)	8	HDMI	2 (simultaneous)	Zone 2 Audio Out	1
Network	1	Analogue Audio	1	Remote In/Out	1 / 1
USB*1	1	Analogue AV	1	+12V/0.1A Trigger Out	1
Radio Antenna (FM/AM)*3	1 / 1	Pre Out	7.2ch		
Dock Terminal for Optional Dock Accessories	1	Component Video Monitor	1		
Optical Digital	2	Composite Monitor	1		
Coaxial Digital	2	Composite AV	1		
Analogue Audio*1 (with Phono)	6	Speaker (without subwoofer)*4/*5/*6	7ch / 9 ter		
Component Video (Audio Input Assignable)	2	Subwoofer	2 x mono		
Composite Video*1	5	Headphone Jack	1		

*1 Including front panel terminals.
*2 Front HDMI input is not assignable.
*3 The shape of the FM antenna terminal varies according to area.

*4 Assignable for surround back L/R to bi-amp (front L/R).
*5 Extra speaker terminals are assignable to Zone 2 or Presence.
*6 Banana-plug compatible speaker terminals are not available in some areas.

• "Made for iPod," and "Made for iPhone," mean that an electronic accessory has been designed to connect specifically to iPod, 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. Please note that the use of this accessory with iPod, iPhone, may affect wireless performance. iPhone, 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 and the Symbol are registered trademarks and the DTS logos are trademarks of DTS, Inc. • Windows is a registered trademark of Microsoft Corporation in the United States and other countries. • HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. • DLNA Certified is a trademark of the Digital Living Network Alliance. • "x.v.Colour" is a trademark of Sony Corporation. • 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.