

5.1 Channel Home Theatre Package



*Yamaha iPod dock compatible.
iPod and iPod dock not included.*



RECEIVER

1 Advanced Features

- 4 SCENE buttons offering greater operating ease (with 16 preset SCENE templates)
- YPAO for automatic speaker setup
- iPod compatibility via Yamaha Universal Dock
- Bluetooth (A2DP) compatibility with Yamaha Bluetooth® Wireless Audio Receiver (YBA-10)
- USB port on front panel to connect a USB memory device or a USB portable audio player
- On-screen display with iPod song title display

2 High Sound Quality

- 5-channel 525W powerful surround sound (105W x 5)
- Direct mode for high quality sound reproduction
- Burr-Brown 192kHz/24-bit DACs used in all channels

3 High Picture Quality

- 1080p-compatible HDMI (2 in/1 out) including 1080p/24Hz repeat
- HDTV compatible component video terminals (3 in/1 out)

4 Surround Realism

- CINEMA DSP with 8 DSP programmes
- Compressed Music Enhancer to improve compressed music sources
- Night Listening Enhancer (Cinema/Music) and SILENT CINEMA

SPEAKERS

NS-50F x 2 NS-P60	
[Front Speakers]	2-way bass-reflex
Dimensions (W x H x D)	233 x 880 x 271 mm
Weight	12.5kg/unit
[Centre Speakers]	2-way acoustic suspension
Dimensions (W x H x D)	465 x 135 x 174 mm
Weight	3.5kg
[Surround Speakers]	2-way acoustic suspension
Dimensions (W x H x D)	150 x 265 x 156 mm
Weight	2.3kg/unit
Subwoofer	YST-SW216
Output Power	100W
Subwoofer Driver	25cm cone
Dimensions (W x H x D)	340 x 340 x 385 mm
Weight	11.2kg
YDS-10 iPod Dock	Optional

CONSISTS OF:	RXV463	x 1
	NS50F	x 2
	NSP60	x 1
	YSTSW216	x 1

YHT595

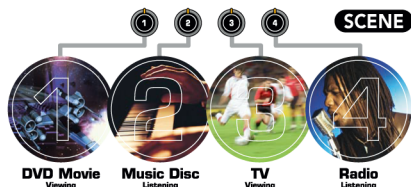
Yamaha Home Entertainment Package

Receiver continued

Advanced Features

SCENE — Greater Operating Ease

Four SCENE buttons make operating the receiver easier than ever. Pressing a SCENE button automatically turns the power on and launches a number of operations that initiate play of the source controlled by that button. Many SCENE settings are available, such as Dock Listening, DVD Viewing, Radio Listening and Game Playing. Browsing and selecting the settings is quickly accomplished by rotating the Input knob and watching the on-screen display. The SCENE names can be changed also.



YPAO for Automatic Speaker Setup

The RX-V463 uses Yamaha's YPAO system that quickly and automatically analyses the acoustics of the room and adjusts various speaker parameters to provide the optimum sound at the listening position. It's like having a professional audio engineer set up and tweak your system.

USB Port on Front Panel

A USB port is provided on the front panel for connecting USB memory devices and portable audio players. Compatible with MP3, WMA and WAV (PCM only) formats, it also enables the on-screen display of USB file list, artist name, album and song.



Initial Volume and Maximum Volume

Two volume setting functions are included on this receiver for additional convenience. Initial Volume Setting allows you to set the volume level that will be heard each time the power is turned on. Maximum Volume Setting prevents unexpected loud sounds, for example if a young child turns the volume knob.

High Sound Quality

Direct Mode

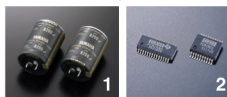
You can enjoy pure HiFi sound from 2-channel PCM and analogue sources by the Direct mode which allows signals to bypass the decoders and DSP processors.

High Dynamic Power Capability

The RX-V463 receiver is capable of delivering large amounts of reserve power for accurate reproduction of the high energy peaks that are especially prevalent in digital audio sources. This prevents clipping and emphasises the music's dynamic qualities.

Audio-Grade Parts and Devices

The RX-V463 offers the latest and best technologies, parts and circuit designs to maximise sound quality. These include custom-made block capacitors (1), high grade Burr-Brown DACs and ADC (2) and other high quality audio-grade parts.



High Picture Quality

1080p-Compatible HDMI (2 In/1 Out)

This receiver features dual HDMI inputs and one output that support 1080p resolution so users can connect two HDMI sources, such as a DVD player and a high definition set-top box, and enjoy the highest possible quality with a 1080p display. Also, have a capability of repeating 1080p/24Hz signal to enjoy highest quality picture by Blu-ray disc.

HDTV Compatible Component Video Terminals (3 In/1 Out)

Component Video inputs offer higher picture quality, for use with units such as DVD players that have Component Video output. You can enjoy three different sources without having to change connections. The frequency response of the component video signal is 5Hz – 60MHz, making it compatible with HDTV (1080i/720p).

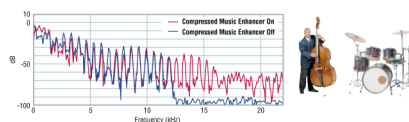
Surround Realism

CINEMA DSP with 8 DSP Programmes

You have a choice of eight unique Yamaha CINEMA DSP surround programmes to bring out the full audio potential of your entertainment sources.

Compressed Music Enhancer

When music is encoded in a digital compressed format such as MP3, frequency response suffers in the high and low ranges. Yamaha employs sophisticated digital signal processing with exclusive algorithms, enabling faithful reproduction of the original music, for the excellent sound quality.



The Compressed Music Enhancer restores the original, live sound of your music, especially deep, strong sounds like bass and drums.

Night Listening Enhancer and SILENT CINEMA

The Night Listening Enhancer offers two modes, Cinema and Music, with three-level selectability, which will ensure that you don't miss movie dialogue or quiet passages, or lose overall surround spaciousness even during low volume listening late at night.

The SILENT CINEMA mode allows private listening enjoyment of multi-channel music or movies, with an accurate simulation of surround sound, through ordinary headphones.

Other Notable Features

- 40-station preset tuning / Auto preset tuning
- HD Audio LPCM 5.1-channel reception (up to 96kHz)
- iPod song titles displayed in English and Western European languages ISO 8859-1 (Latin 1) on the front panel and on-screen display
- Virtual CINEMA DSP
- Audio Delay for adjusting lip-sync (0–160ms)
- 9 selectable subwoofer crossover frequencies
- Subwoofer phase select
- Dolby Digital, DTS and Dolby Pro Logic II decoding
- Front panel Video Aux input
- Subwoofer out
- 6-channel external input
- Speaker A or B selection
- Preset remote unit

Yamaha Bluetooth® Wireless Audio Receiver

The optional YBA-10 Bluetooth 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.



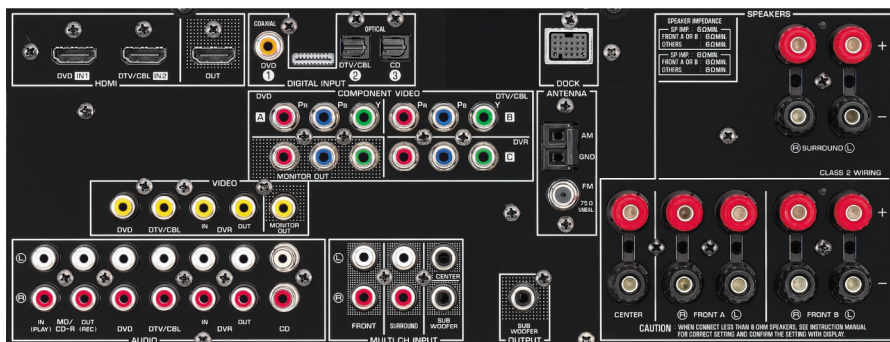
Yamaha Universal Dock for iPod

The optional Yamaha Universal Dock lets you connect your iPod to the receiver. iPod not included.



Main Specifications - Receiver

Minimum RMS Output Power (6 ohms, 1 kHz, 0.9% THD)	
Front L/R Channels	105 W/ch
Centre Channel	105 W
Surround L/R Channels	105 W/ch
Dynamic Power (1 kHz)	
6/4/2 ohms	105/130/150 W
Frequency Response	10 Hz–100 kHz +0, -3 dB
Total Harmonic Distortion (CD, Front Sp Out) (1 kHz, 50 W/6 ohms)	0.06%
Signal-to-Noise Ratio (CD)	100 dB (250 mV)
Monitor Out Frequency Response	
Component Video Signal	5 Hz–60 MHz -3 dB
Standby Power Consumption	0.8 W
Dimensions (W x H x D)	435 x 151 x 352 mm
Weight	8.5 kg



Inputs	HDMI	2
	Dock Terminal (for iPod / Bluetooth)	1
	Optical Digital (Fixed and Assignable)	2
	Coaxial Digital (Fixed and Assignable)	1
	Analogue A/V / Audio*	4 / 2
	Component Video	3
	FM/AM Antenna Terminals	1 / 1
Multi-Channel External Input	6 ch	

Outputs	HDMI	1
	Analogue A/V / Audio	1 / 1
	Component Video Monitor	1
	Composite Monitor	1
	Speaker (without subwoofer)	5 ch / 7 ter.
	Subwoofer	1

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

* Including front panel Video Aux terminals.

• iPod is a trademark of Apple Computer, Inc., registered in the U.S. and other countries. • Dolby and the double-D symbol are registered trademarks of Dolby Laboratories. • "DTS" and "DTS Digital Surround" are registered trademarks of DTS, Inc. • HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. • Burr-Brown products are trademarks of Texas Instruments, Inc. • The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. • 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.