

Experience the full potential of HD audio and video. Featuring HD audio decoding with high quality discrete amplifications circuitry, HDMI (4 in/ 1 out), 1080p video upscaling, Pure Direct, YPAO and multi-zone operation.



High Sound Quality

- 7-channel 665W powerful surround sound (95W x 7)
- Decoders for HD audio formats: Dolby TrueHD and DTS-HD Master Audio; Dolby Digital Plus and DTS-HD High Resolution Audio
- Discrete amp configuration
- Digital ToP-ART and High Current Amplification
- Pure Direct
- Burr-Brown 192 kHz/24-bit DACs for all channels
- Intelligent Assignable amplifiers for bi-amp or Surround Back <-> Front Presence or Zone 2 connection

High Picture Quality

- Analog video upscaling to full HD 1080p
- 1080p-compatible HDMI (4 in/1 out)
- Supports Deep Color (30/36 bit), x.v.Color, 120Hz/24Hz Refresh Rates and Auto Lip-Sync compensation

Advanced Features

- New SCENE buttons (BD/DVD, TV, CD and Radio) - quick and simple to use
- YPAO sound optimization for automatic speaker setup
- XM ready with XM HD Surround powered by Neural Surround
- SIRIUS Satellite Radio ready
- iPod compatibility via optional YDS-11 Universal Dock
- Bluetooth (A2DP) compatibility with optional Yamaha Bluetooth® Wireless Audio Receiver YBA-10
- On-screen display
- Front panel mini jack for connecting portable audio player

- Dialogue Lift
- iPod song titles displayed in English and Western European languages on the front panel and on-screen display
- HDMI CEC functionality
- Initial Volume Setting and Maximum Volume Setting
- Preset remote unit

Surround Realism

- CINEMA DSP 3D (17 DSP programs) with Adaptive DSP Level
- Adaptive DRC (Dynamic Range Control)
- Compressed Music Enhancer
- SILENT CINEMA and Virtual CINEMA DSP
- Audio Delay for adjusting Lip-Sync (0-240 ms)

Versatile Zone Control

- Zone 2 on/off and control on front panel
- Remote input/output
- Programmable Dual +12V trigger outputs

Default Settings for New SCENE Buttons

	SCENE	BD/DVD	TV	CD	RADIO
Input	HDMI1	AV1	AV3	TUNER	
Surround Mode	Straight	Straight	Straight	7ch Enhancer	

Easy assignment of new SCENE buttons. First select any input and surround mode, then push a SCENE button more than three seconds.

AV Receiver RX-V765

NEW PRODUCT BULLETIN

Main Specifications

Audio Section		
Minimum RMS Output Power (8 ohms, 20 Hz–20 kHz, 0.08% THD)		
Front Channels		95 W + 95 W
Center Channel		95 W
Surround Channels		95 W + 95 W
Surround Back Channels		95 W + 95 W
Dynamic Power/Channel (Front, 8/6/4/2 ohms)		
		130/165/195/240 W
Input Sensitivity/Impedance		
(1 kHz, 100 W/8 ohms)	AV5	200 mV/47 k-ohms
	Subwoofer	200 mV/47 k-ohms
	Rec Out	200 mV/1.2 k-ohms
Output Level/Impedance		
	Pre Out (F/C/S/SB)	1 V/1.2 k-ohms
	Subwoofer	1 V/1.2 k-ohms
	Zone 2 Out	200 mV/1.2 k-ohms
Frequency Response (AV5, Front)		
		10 Hz–100 kHz +0, -3 dB

Total Harmonic Distortion (AV5 Rec Out, Front Sp Out)	0.08% (20 Hz–20 kHz, 50 W/8 ohms)
Signal-to-Noise Ratio (AV5 250 mV)	100 dB

Video Section

Video Monitor Out Frequency Response Component Video Signal	5 Hz–60 MHz 3 dB
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Tuner Section

FM 50dB Quietening Sensitivity	Mono	3 μ V (20.8 dBf)
FM Signal-to-Noise Ratio	Mono	74 dB
	Stereo	69 dB

General

Dimensions (W x H x D)	17-1/8" x 6-3/4" x 14-3/8"
Weight	24 lbs.

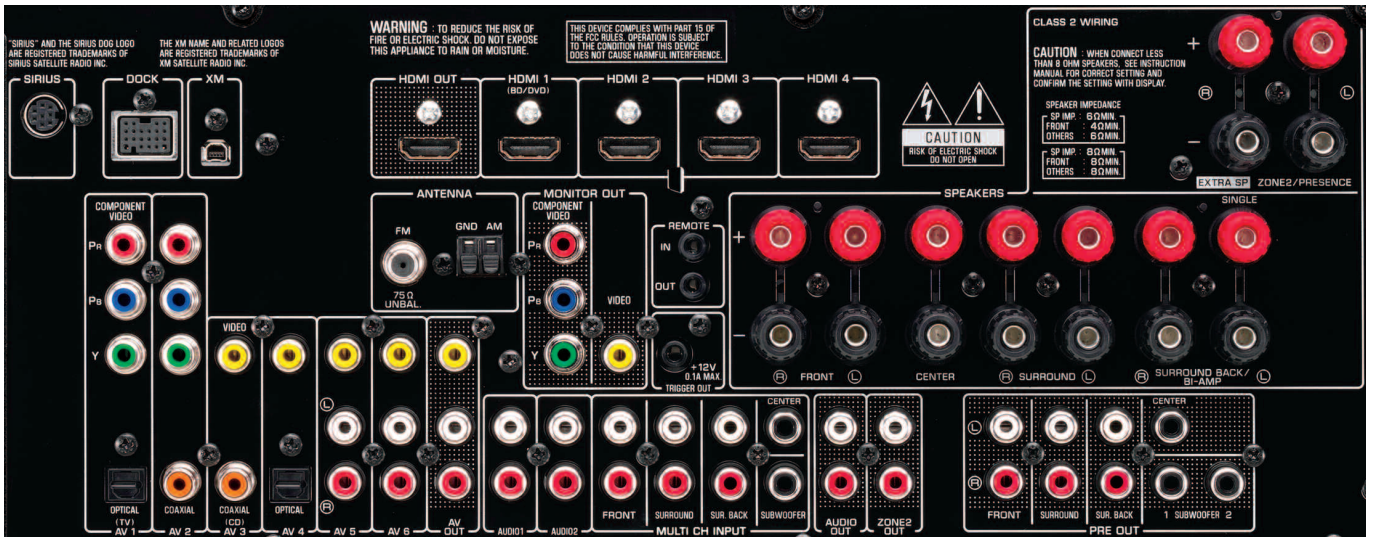
YDS-11 Universal Dock for iPod

The optional YDS-11 Universal Dock lets you connect your iPod to the receiver. You can listen to your iPod music via the receiver. You can also operate your iPod via the receiver's remote unit with the on-screen display and charge your iPod. Works with: iPod touch, iPod nano, iPod mini and iPod (Click Wheel)
iPod not included



Yamaha Bluetooth® Wireless Audio Receiver

The optional 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	4
XM Connect-and-Play	1
SIRIUS	1
Radio Antenna (FM/AM)	1 / 1
Dock Terminal for Optional Dock Accessories	1
Optical Digital (Fixed)	2
Coaxial Digital (Fixed)	2
Analog Audio*	5
Component Video (Fixed)	2
Multi-Channel External Decoder	8ch

Outputs	
HDMI	1
Analog Audio	2
Pre Out	7ch
Component Video Monitor	1
Composite Monitor	1
Composite AV	1
Speaker (without subwoofer)* / **	7ch / 9 ter.
Subwoofer	2

* Assignable for surround back L/R to bi-amp (front L/R).

** Banana-plug compatible.

Others	
Zone 2 Audio Out	1
Remote In/Out	1 / 1
+12V/0.1A Trigger Out	1

* Including front panel terminals.

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