

Fully compatible with HD audio and video. Featuring HD Audio decoding, HDMI (4 in/1 out), 1080p video upscaling, Pure Direct, YPAO, CINEMA DSP 3D and custom installation facility.



High Sound Quality

- 7-channel 630W powerful surround sound (90W x 7)
- Decoders for HD audio formats: Dolby TrueHD and DTS-HD Master Audio; Dolby Digital Plus and DTS-HD High Resolution Audio
- Digital ToP-ART and High Current Amplification
- Pure Direct
- Burr-Brown 192 kHz/24-bit DACs for all channels
- Intelligent Assignable amplifiers for 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
- New 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 (0-240ms)

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-V665

NEW PRODUCT BULLETIN

Main Specifications

Audio Section

Minimum RMS Output Power (8 ohms, 1 kHz, 0.9% THD)	
Front Channels	90 W + 90 W
Center Channel	90 W
Surround Channels	90 W + 90 W
Surround Back Channels	90 W + 90 W
Dynamic Power/Channel (Front, 8/6/4/2 ohms)	
95/110/130/150 W	
Input Sensitivity/Impedance	
AV5	200 mV/47 k-ohms
(1 kHz, 100 W/8 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)	0.006% (1 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 Quieting Sensitivity	Mono	3 μ V [20.8 dBf]
FM Signal-to-Noise Ratio	Mono / Stereo	74 dB / 69 dB

General

Dimensions (W x H x D)	17-1/8" x 6" x 14-3/8"
	435 x 151 x 364 mm
Weight	18.7 lbs.; 8.5 kg

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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