

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



High Sound Quality

- 7-channel powerful surround sound (665W=95W x 7 RMS, 945W=135W x 7 max)
- 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

- Analogue video upscaling to full HD 1080p
- 1080p-compatible HDMI (4 in/1 out)
- Supports Deep Colour (30/36 bit), x.v.Colour, 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 optimisation for automatic speaker setup
- 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 input 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 programmes) 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 +12V trigger output

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.



Brilliant Audio: Titanium Titanium finish available in some areas.

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 |
| Centre Channel | | 95 W |
| Surround Channels | | 95 W + 95 W |
| Surround Back Channels | | 95 W + 95 W |
| Maximum Power (8 ohms, 1 kHz, 10% THD) | | |
| Front L/R Channels | | 135 W + 135 W |
| Centre Channel | | 135 W |
| Surround L/R Channels | | 135 W + 135 W |
| Surround Back Channels | | 115 W + 115 W |
| Dynamic Power/Channel (Front, 8/6/4/2 ohms) | | |
| | | 130/165/195/240 W |
| Input Sensitivity/Impedance | | |
| | Phono MM | 3.5 mV/47 k-ohms |
| | AV5 | 200 mV/47 k-ohms |
| | Subwoofer | 200 mV/47 k-ohms |

| | | |
|---|--------------------|-----------------------------------|
| Output Level/Impedance | Rec Out | 200 mV/1.2 k-ohms |
| | 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 |
| Tuner Section | | |
| FM 50dB Quieting Sensitivity | | Mono 3 µV (20.8 dBf) |
| FM Signal-to-Noise Ratio | | Mono / Stereo 74 dB / 70 dB |
| General Section | | |
| Dimensions (W x H x D) | | 435 x 171 x 365 mm |
| Weight | | 11 kg |

YDS-11 Universal Dock for iPod

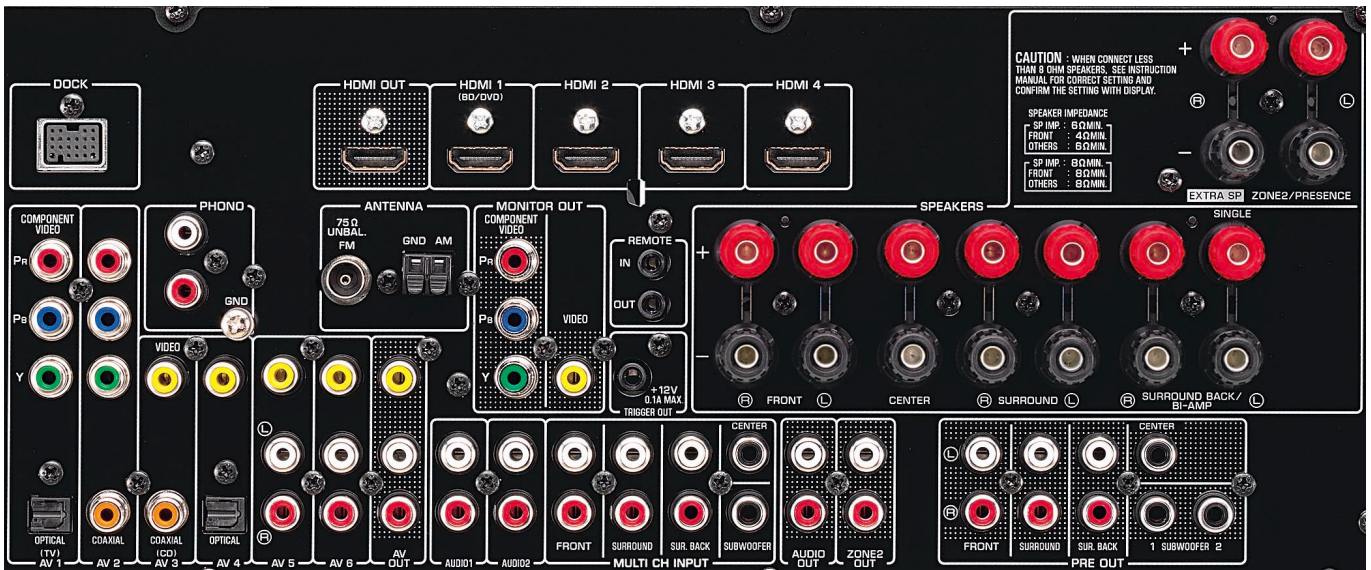
The optional YDS-11 Universal Dock lets you connect your iPod to the receiver.

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 |
| Radio Antenna (FM/AM) | 1 / 1 |
| Dock Terminal for Optional Dock Accessories | 1 |
| Optical Digital (Fixed) | 2 |
| Coaxial Digital (Fixed) | 2 |
| Analogue Audio* incl. Phono | 6 |
| Component Video (Fixed) | 2 |
| Multi-Channel External Decoder | 8ch |

* Including front panel terminals.

Outputs

| | |
|-----------------------------------|--------------|
| HDMI | 1 |
| Analogue 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 speaker terminals are not available in some areas.

Others

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

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