



## RX-V665

### 7.2-Channel Digital Home Theater Receiver (New)

\$549.95

BUY NOW

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 features.



### Technology QuickView

This product includes these technologies



#### Bluetooth

The Bluetooth® logo indicates that the product is equipped to use the optional YBA-10 Bluetooth® Wireless Audio Receiver that lets you connect the dock to the receiver and supports A2DP audio streaming. With the optional YBA-10 Bluetooth dock, you can enjoy music wirelessly from Bluetooth enabled mobile phones, portable devices, or personal computers.

(view the Specifications of each product for Bluetooth® dock compatibility)



#### Made for iPod (Docking Station)

The Made for iPod logo indicates that the product is equipped to use an optional Yamaha Universal iPod Dock that lets you connect your iPod to this product. With the optional dock you can listen to your music and operate the iPod via the product's remote control while at the same time charging the battery on your iPod. Depending on your product's specifications, some will allow you to use the On-Screen Display feature on your video monitor to navigate your music. Some products can even allow you to view your photos and movies from your iPod on your video monitor (view the Specifications of each product for iPod playback compatibility)...



#### Dolby TRUE HD

Dolby® TrueHD is Dolby's next-generation lossless technology developed for high-definition disc-based media. Dolby TrueHD delivers tantalizing sound that is bit-for-bit identical to the studio master, unlocking the true high-definition entertainment experience on next-generation discs. When coupled with high-definition video, Dolby TrueHD offers an unprecedented home theater experience that lets you enjoy sound as stunning as the high-definition picture.



#### Dolby Digital Plus

Dolby Digital Plus: Dolby® Digital Plus is the next-generation audio technology for all high-definition programming and media. It combines the efficiency to meet future broadcast demands with the power and flexibility to realize the full audio potential of the upcoming high-definition experience. Built on Dolby Digital, the multichannel audio standard for DVD and HD broadcasts worldwide, Dolby Digital Plus was designed for the delivery formats of the future, but remains fully compatible with all current A/V receivers. With Dolby Digital Plus, you get even higher-quality audio, more channels, and greater flexibility. Amaze your ears.



#### Dolby Digital EX

This surround format from Dolby Digital includes an added center rear channel. The rear center channel is actually matrixed into the two rear channels, and is extracted upon playback. (Formerly called Dolby Digital Surround EX, or Dolby Digital Matrix 6.1.)



#### DTS HD Master Audio

DTS HD-Master Audio: DTS-HD Audio delivers sound quality that matches the clear and vivid images of high-definition video. Blu-ray and HD-DVD discs deliver five times the video resolution of standard DVD and produce images with stunning realism. But that's only half of the story. You need incredible sound to complete the high definition experience and DTS-HD Audio provides the highest quality multi-channel sound possible. Movies come alive with sound as lifelike as the picture, and music becomes as real as a live performance.



#### DTS NEO: 6 (New)

In this format, the back surround channel is matrix encoded into the left and right surround channels. For playback, the three channels are separately decoded.



#### XM - XM Ready

A product with this feature indicates that the item is XM SATELLITE RADiO (XM Ready), allowing you to hear over 150 digital channels of music, news, sports, talk and entertainment from America's number one Satellite Radio service. With the addition of the optional digital antenna XM Mini-Tuner Home Dock and the XM Mini-Tuner accessories sold separately, just subscribe to XM SATELLiTE RADiO and hear radio as it was meant to be!

**XM Mini-Tuner Home Kit Bundle**



Add the enjoyment XM Radio to your XM-Ready Yamaha A/V products with this XM Mini-Tuner Bundle.

You get the Mini-Tuner Home Dock and the XM Mini-Tuner so you are all set to go XM.

**BUY NOW**

(Note: XM subscription required to receive XM Radio)



### XM HD Surround Sound

XM and Neural Audio Corporation announce XM HD Surround, which provides content with six discrete channels of digital full fidelity audio powered by Neural Audio technology. Marking the first time that a radio company has broadcast in 5.1 Surround Sound twenty-four hours a day. Beginning in April 2006, XM will broadcast the Fine Tuning® (XM Channel 76) and the classical pops music channel XM Pops (XM Channel 113) in XM HD Surround. XM will also broadcast a variety of special shows and live music performances at the XM studios in XM HD Surround.



### Neural Surround

Neural Surround™, a proprietary audio format that embeds the rich envelopment and discrete image detail of surround sound and is 100% compatible with stereo content. Chosen by XM Satellite Radio as the format for their 24/7 XM HD Surround programming



### Sirius-Ready

A Sirius-Ready audio system lets you access your favorite SIRIUS Satellite Radio entertainment, including 100% commercial-free music, plus sports, uncensored talk, comedy, exclusive entertainment, world-class news and more, directly through your audio system with the use of an optional SIRIUS ConnectT Home Tuner Kit. This product has a simple connector that allows you to plug the SIRIUS ConnectT kit and use the controls of this system to access all the content you want. Subscription and SIRIUS ConnectT Home Tuner (SC-H1) are required and sold separately.



### HDMI

High Definition Multimedia Interface (HDMI) is the first and only digital interface to combine uncompressed high-definition video, multi-channel audio and intelligent format and command data in a single digital interface. HDMI switching, providing the most advanced method of delivering high quality video signals to a home theater system to enable the reproduction of DVD and satellite TV sources with HD quality. HDMI can also send the digital audio signals from sources such as DVD Audio, CD, Dolby Digital and DTS to provide simple components connections.



### 8 Ch Ext Input

8 additional input jacks for discrete multi-channel input. Front (Left, Center, Right), Rear (Surround Left & Right, Surround Back Left & Right) and Subwoofer



### CINEMA DSP Digital

Conventional multichannel audio reproduction systems base their sound on Dolby Digital and DTS decoding, using matrix and steering technologies to create surround sound effects. Yamaha CINEMA DSP is much more advanced, actually creating richly realized independent sound fields that envelop you in an unmatched surround sound experience. With dialogue, music and effects from ideally located in these separate sound fields, you will hear sound with accurate placement, smooth movement, exceptional clarity and richness, and startlingly realistic presence. It will seem as if the walls of your room have disappeared and you are in the middle of your own immense theater! The decoding circuitry performs Dolby Pro Logic IIx, Dolby Digital, Dolby Digital EX, DTS Digital Surround, DTS-ES (DTS-ES Matrix 6.1 and DTS-ES Discrete 6.1), DTS Neo:6 and DTS 96/24 decoding with extreme accuracy, as well as all digital sound field processing.



### SILENT CINEMA and Virtual CINEMA DSP

SILENT CINEMA makes it possible to hear large-scale surround sound through ordinary headphones! This is a variation of CINEMA DSP technology that Yamaha developed to let you listen in private to movies and other multi-channel sources for

hours without listening fatigue. Virtual CINEMA DSP lets you enjoy the effects of CINEMA DSP surround sound without using surround speakers (handy for use in custom installations where some rooms don't have surround speakers). It can be used with the front / center / presence speakers or even with just the two front left and right speakers.

## **compressed music** **ENHANCER**

### **Compressed Music Enhancer**

Yamaha employs sophisticated digital signal processing with exclusive algorithms to enable playback that improves the performance of compressed music formats, including MP3 and WMA. With the Compressed Music Enhancer, highs and especially lows are richer and smoother, bringing music back to life to be as close to the original as possible.

## **SCENE**

### **SCENE – A NEW LEVEL OF OPERATING EASE**

Four SCENE buttons make operating the receiver easier than ever. They are initially set to default settings for DVD Viewing, Disc Listening, TV Viewing and Radio Listening. Pressing a SCENE button automatically launches a number of operations that initiate play of the source controlled by that button. Other SCENE settings are also available, such as iPod Listening, XM Listening, TV Sports Viewing and Action Game Playing. Browsing and selecting the settings is quickly accomplished by rotating the Input knob and watching the on-screen display. The settings can be selected for one-time use, or they can replace the original default settings. The SCENE names can be changed also.

## **YPAO**

### **YPAO Automatic System Calibration**

Yamaha's YPAO system uses a small microphone and sophisticated equalization to automatically set the best sound for any room, no matter where the speakers are. First it checks the speaker connections and phase of each speaker. Then it sends out tones which are captured by the microphone to analyze the room acoustics and sets a variety of parameters, such as the speaker size, the distance of the speakers and even the sound pressure level, etc. Until it achieves the best sound conditions for your room and you don't have to do anything!



### **Digital ToP-ART**

Digital ToP-ART (Total Purity Audio Reproduction Technology) is the name Yamaha has given to a design philosophy whose goal is to maximize digital quality while minimizing analog circuitry. The culmination of Yamaha's long experience in digital engineering and design, it brings together several key elements to create the best-sounding, A/V components available on the market.

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## **RX-V665 7.2-CHANNEL AV RECEIVER**

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 features.

### **MAIN FEATURES**

#### **Advanced Features**

- New SCENE buttons (BD/DVD, TV, CD and Radio) - quick and simple to use
- YPAO sound optimization 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 for connecting portable audio player

#### **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
- Burr-Brown 192 kHz/24-bit DACs for all channels
- Direct Mode for high quality sound reproduction

#### **Surround Realism**

- 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

#### 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

- CINEMA DSP (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 +12V trigger output