

The Outstanding A/V Receiver with It All! HDMI Audio and Video Handling, Fully Analog Video Up-Conversion, including onto HDMI, De-Interlacing and Up-Scaling to 1080i/720p, Multi-Room Custom Installation and CINEMA DSP/THX Select2.



**Oil-Damped Hidden Control Panel** includes S-Video input and optical digital input terminals, Main/Zone 2/Zone 3 power on/off switches, rec out/Zone 2 selector, YPAO optimized microphone jack, and more.

**Direct-Access Remote Unit with Illuminated Buttons** (right) and **Dedicated Zone Remote Unit** (left)



## 1 High Sound Quality

- Upgraded Pure Direct for Higher Fidelity Sound Reproduction
- 7-Channel 910W Powerful Surround Sound (130W x 7 RMS)
- Digital ToP-ART and High Current Amplification
- Burr-Brown 192 kHz/24-Bit DACs for All Channels
- Assignable Amplifiers for Bi-Amp Connection
- Superior Audio-Grade Parts and Devices Used Throughout

## 2 High Picture Quality

- Fully Analog Video Up-Conversion to HDMI and Component Video Output with TBC
- De-Interlacing (480i to 480p)
- Up-Scaling (480i to 1080i/720p)
- Wide-Range Video Bandwidth (100MHz -3 dB)

## 3 Advanced Facilities

- 2 In/1 Out HDMI Interface for High Quality Digital Audio and Video Data Handling
- Superior Zone Control with Additional Zone Remote Unit
- RS-232C Terminal for Touch Panel Controller
- On-Screen Display with GUI (5 Languages including Spanish) and Two-Line FL Display

## 4 Surround Realism

- Quad-Field/Tri-Field CINEMA DSP and 22 Surround Programmes with 5 THX Select2 Programmes
- Dolby Pro Logic IIx and DTS 96/24 Compatibility

### 22 Surround Programmes Decoder Straight

- Dolby Digital
- Dolby Digital EX
- DTS Digital Surround
- DTS 96/24
- DTS-ES Matrix 6.1
- DTS-ES Discrete 6.1
- Dolby Pro Logic
- Dolby Pro Logic II Music
- Dolby Pro Logic II Movie
- Dolby Pro Logic II Game
- Dolby Pro Logic IIx Music
- Dolby Pro Logic IIx Movie
- Dolby Pro Logic IIx Game
- DTS Neo:6 Music
- DTS Neo:6 Cinema

### HiFi DSP Programmes

MUSIC	● Hall in Munich
	● Hall in Vienna
	● Freiburg
	● The Bottom Line
	● The Roxy Theatre
ENTERTAINMENT	● Disco
STEREO	● 7 Channel Stereo
Programme Subtotal	7
<b>CINEMA DSP Programmes</b>	
ENTERTAINMENT	● Game
	● Mono Movie
	● TV Sports
MUSIC	● Pop/Rock
	● Classical/Opera
	● Spectacle
MOVIE THEATER	● Sci-Fi
	● Adventure
	● General
STANDARD	● Enhanced
Programme Subtotal	10
<b>THX Programmes</b>	
	● Cinema
	● Select2 Cinema
	● Music Mode
	● Game Mode
	● THX Surround EX
Programme Subtotal	5
<b>Programme Total</b>	<b>22</b>

## High Sound Quality

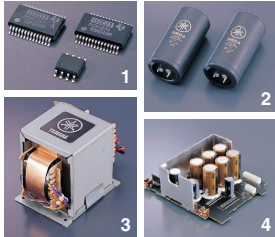
### Upgraded Pure Direct

Yamaha's upgraded Pure Direct by bypassing unnecessary circuits that can contribute to a degradation in sound quality, while taking a more comprehensive approach to the influence of the power supply on the audio signal. In this improved special listening mode, the highest possible signal purity is assured for both digital and analogue sources, in either two-channel or multi-channel input.



### Digital ToP-ART and High Current Amplification

The Digital ToP-ART design concept combines the latest and best technologies, parts and circuit designs to maximize sound quality. High Current Amplification uses superior quality components from input to output to achieve high current power with low impedance. Also, Yamaha has completely re-evaluated all parts, choosing only the finest audio-grade parts and devices, such as Burr-Brown 192 kHz/24-bit DACs and re-designed power supply circuits for massive power and superlative sound quality. In addition, the amplifiers are assignable for bi-amp connections.

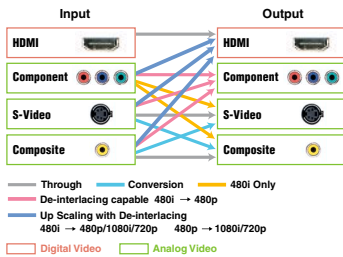


- 1 High grade Burr-Brown DAC, ADC and Op-Amp devices
- 2 Custom made block capacitors
- 3 Extra-large power transformer
- 4 Power supply with pure-copper binding post

## High Picture Quality

### Fully Analog Video Up-Conversion onto HDMI (480p/1080i/720p) Output with TBC

Video composite, s-video and component signals are up-



converted to HDMI output, with a Time Base Corrector (TBC) in the Analog Devices high-performance encoder and decoder. In addition, the RX-V2600 also uses an Oplus™ high-performance de-interlacer for the best quality progressive video images (480i to 480p). It also upscales 480i signals to 1080i/720p high definition resolution. The de-interlacing and up-scaling technologies used in the RX-V2600 are superior to those of any other receiver in its class.



Video circuit board

## Advanced Facilities

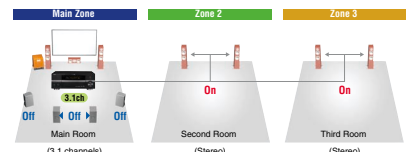
### HDMI Interface

The RX-V2600 offers 2 in / 1 out HDMI switching with analog video up-conversion features, providing the most advanced method of delivering high quality video signals to a home cinema system to enable the reproduction of DVD and satellite TV sources with HD quality. Compatible with the HDMI Ver. 1.1 format, it can also decode digital audio signals from sources such as DVD-Audio, CD, Dolby Digital and DTS.



### Superior Custom Zone Control

Convenient operation is assured thanks to control of Main/Zone 2/Zone 3 power, FM/AM tuning, volume and input select on the front panel, along with a Zone 2 on-screen display, Zone 2/3 tone control for ceiling- or wall-mount speakers and even a separate Zone Remote Unit. For multi-room custom installations, power amp channels can be assigned for Zone 2 and Zone 3 without the need for extra amplifiers. There is also an RS-232C interface for a touch-panel controller.



### On-Screen Display with GUI

An On-Screen GUI (Graphical User Interface) Display makes operating the receiver easy and intuitive. Five display languages can be selected: English, Spanish, French, German and Japanese.



## Surround Realism

### Quad-Field/Tri-Field CINEMA DSP and 22 Surround Programmes with 5 THX Select2 Programmes

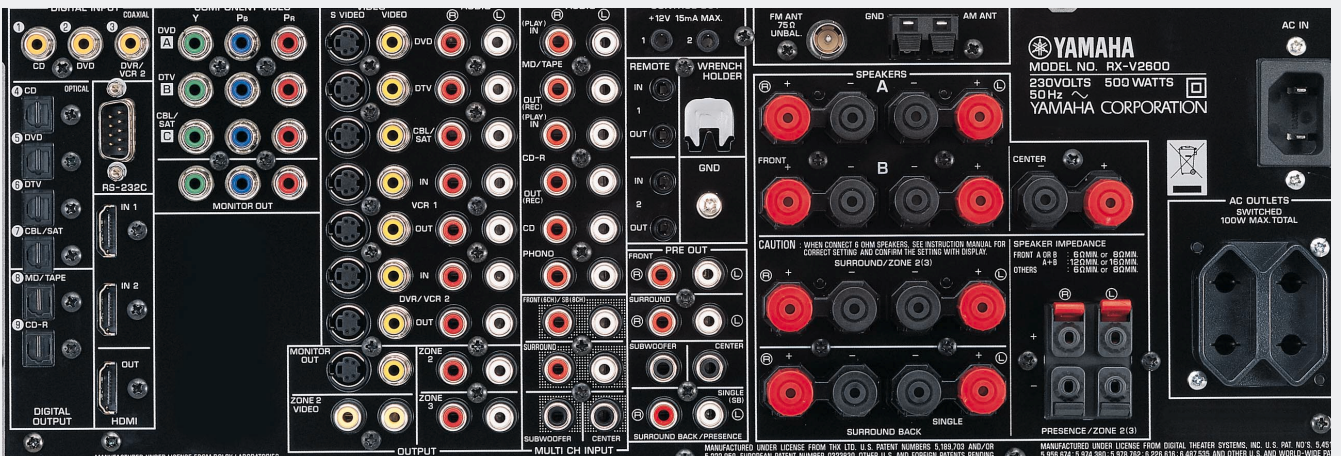
Surround sound performance is not only amazingly rich and realistic, it is extremely versatile, with a choice of 22 surround programmes including latest Dolby and DTS formats, CINEMA DSP programmes, HiFi DSP programmes and five THX programmes including Select2.

### Other Notable Features

- Audio Delay for Adjusting Lip-Sync (0-240 ms)
- Analogue Mixdown
- Extended Remote Control Codes, Dual Remote Terminals for Zone 2 and Zone 3 and Dual Programmable +12V Trigger Outputs
- Dialogue Lift for Clear Voice Reproduction
- Selectable 9-Band Subwoofer Crossover
- Subwoofer Phase Select
- Night Listening Enhancer ensures that all programmes (including Dolby Pro Logic IIx)
- SILENT CINEMA and Virtual CINEMA DSP
- Speaker A, B or A+B Selection, with Virtual CINEMA DSP Capability in Zone B
- Two-Line FL Display
- Max Volume Setting
- Initial Volume Setting
- Channel Mute
- Detachable Power Cable
- 6 System Memories
- Direct-Access (Macro-Command, Learning and Preset Capable) Remote Control Unit with Macro-Command Buttons and Illuminated Buttons

### RX-V2600 Main Specifications

Minimum RMS Output Power	130 W x 7
(8 ohms, 20 Hz-20 kHz, 0.04% THD)	
Output Power (4 ohms, 1 kHz, 0.7% THD)	190 W x 7
Maximum Power	180 W x 7
Dynamic Power/Ch (Front Ch, Speaker A)	100 dB
8/6/4/2 ohms	165/205/260/340 W
Damping Factor	140 (speaker A)
(8 ohms, 20 Hz-20 kHz)	
Frequency Response	10 Hz-100 kHz
	+0, -3 dB
Total Harmonic Distortion (20 Hz-20 kHz)	0.04%
CD (Front Sp Out)	100 dB
Signal-to-Noise Ratio (CD)	5 Hz-100 MHz -3 dB
Video Monitor Out Frequency Response	
Component Video Signal	
FM 50dB Quieting Sensitivity	2 μV (17.3 dBf)
Mono	25 μV (39.2 dBf)
Stereo	
FM Selectivity (400 kHz)	70 dB
Standby Power Consumption	Less than 0.1 W
Dimensions (W x H x D)	435 x 171 x 438 mm
	17-1/8" x 6-3/4" x 17-1/4"
Weight	17.4 kg; 38.3 lbs.



Banana-plug compatible speaker terminals available in some areas.

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**d-cinema** "d-cinema" is the slogan of Yamaha A/V products and technology, reflecting our focus on digital technology and our leadership in creating and refining digital home cinema.