

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



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

**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.



## 1 High Sound Quality

- 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

- Full Analog Video Up-Conversion to HDMI and Component Video Output with TBC
- De-Interlacing (480i to 480p or 576i to 576p)
- Up-Scaling (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: English, German, French, Spanish and Japanese) 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

- Hall in Munich
- Hall in Vienna
- Freiburg
- The Bottom Line
- The Roxy Theatre
- Disco
- 7 Channel Stereo

Programme Subtotal **7**

### CINEMA DSP Programmes

- Game
- Mono Movie
- TV Sports
- Pop/Rock
- Classical/Opera
- Spectacle
- Sci-Fi
- Adventure
- General
- Enhanced

Programme Subtotal **10**

### THX Programmes

- Cinema
- Select2 Cinema
- Music Mode
- Game Mode
- THX Surround EX

Programme Subtotal **5**

**Programme Total 22**

● HiFi DSP Programmes ● THX Programmes ● CINEMA DSP  
● Tri-Field CINEMA DSP ● Quad-Field CINEMA DSP



- Black and gold finish available in some areas.
- Product colours vary by area.

## High Sound Quality

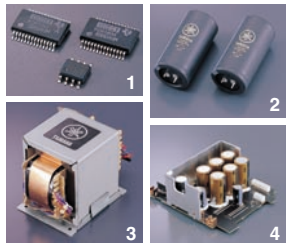
### Pure Direct

Yamaha's 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 analog and digital sources except HDMI audio input, 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.

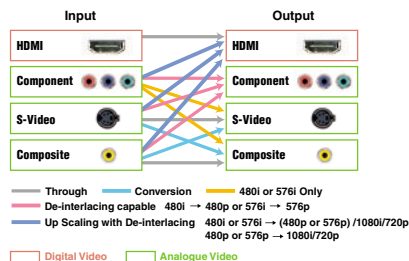


- 1 High grade Burr-Brown DAC, ADC and Op-Amp devices
- 2 Custom made block capacitors
- 3 Extra-large power transformer
- 4 Power supply with pure-copper binding post

## High Picture Quality

### Full Analog Video Up-Conversion and Up-Scaling to HDMI (1080i/720p) 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 or 576i to 576p). It also upscales 480i or 576i 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.

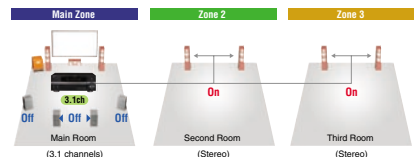


### Superior Custom Zone Control

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.



Zone remote unit



### 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

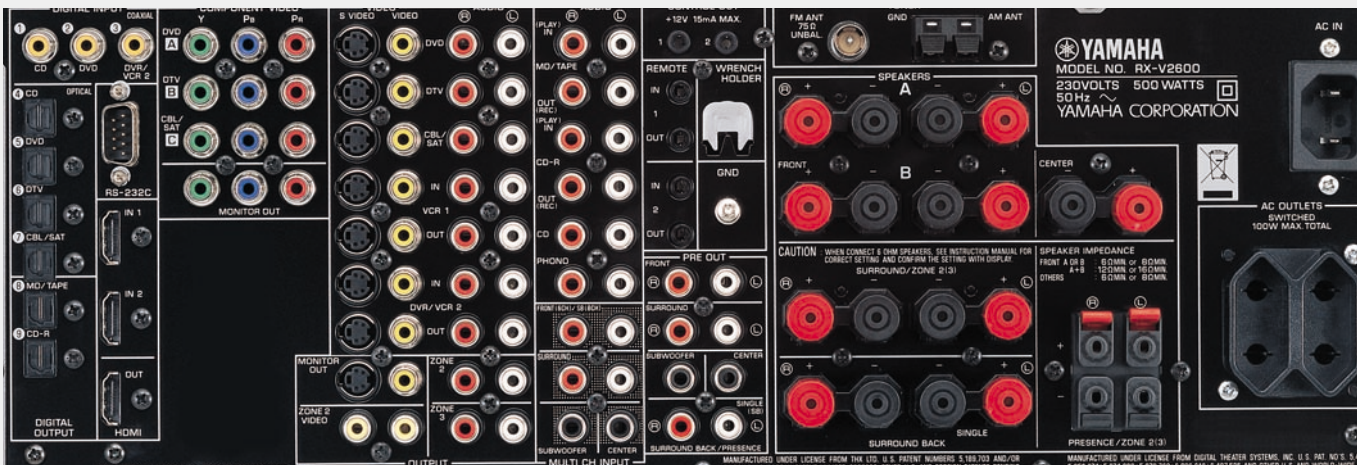
Surround sound performance is not only amazingly rich and realistic, it is extremely versatile, with a choice of 22 surround programmes including latest Dolby and DTS formats, CINEMA DSP programmes, HiFi DSP programmes and five THX programmes including Select2.

### 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
- 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 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)	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)	
Signal-to-Noise Ratio (CD)	100 dB
Video Monitor Out Frequency Response	5 Hz-100 MHz -3 dB
Component Video Signal	
FM 50dB Quieting Sensitivity	2 µV (17.3 dBf)
Mono	
Stereo	25 µV (39.2 dBf)
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
Weight	17.4 kg



Banana-plug compatible speaker terminals available in some areas. Power supply and AC outlet vary depending on area.

• HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. • Burr-Brown products are trademarks of Texas Instruments, Inc. • Oplus™ is the Display Processing Division in Intel Company. • Dolby, Pro Logic and Double D are trademarks of Dolby Laboratories Corporation. • DTS, DTS-ES and Neo:6 are trademarks of Digital Theater Systems, Inc. • Product designs and specifications are subject to change without notice.

**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 theatre.