

This 7.1 Channel Digital Home Theater Receiver offers the highest levels of sound and video quality and convenience for a total home theater experience. Features 1080p compatible HDMI, up-scaling, iPod compatibility, XM Satellite Radio “Ready”, upgraded CINEMA DSP programs, zone control and Network Receiver functions.



Oil-Damped Hidden Control Panel includes USB port, Aux input terminals, Main/Zone 2/Zone 3 power on/off switches, rec out/Zone 2 selector, YPAO optimized microphone jack, and more.



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



1 High Sound Quality

- 7-channel 980W powerful surround sound (140W x 7)
- Digital ToP-ART with superior audio-grade parts and devices used throughout
- Pure Direct for higher fidelity sound reproduction
- 3 in/1 out HDMI (ver. 1.2a) for handling digital signals including Super Audio CD
- Assignable amplifiers for bi-amp connection

2 High Picture Quality

- 1080p compatible HDMI (3 in/1 out)
- High-definition video up-conversion
- Up-scaling (480i to 1080i/720p)
- De-interlacing (480i to 480p)
- Wide-range component video bandwidth (100MHz -3 dB, 1080p compatible)

3 Advanced Features

- Network Receiver functions (Internet radio, PC music files, USB portable audio players and flash drives, MusicCAST client compatibility)
- XM ready with XM HD Surround powered by Neural Surround
- iPod compatibility via optional Yamaha YDS-10
- Compressed Music Enhancer
- Improved YPAO sound optimization with 6 system memories
- GUI on-screen display (6 languages: English, French, German, Spanish, Russian and Japanese)
- Superior zone control with additional zone remote unit and zone OSD

4 Surround Realism

- Upgraded CINEMA DSP with 23 DSP programs
- Dolby Digital EX and DTS-ES 96/24 compatibility

23 DSP Programs Decoder Straight

- Dolby Digital
- Dolby Digital EX
- DTS Digital Surround
- DTS-ES 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 Programs

- CLASSICAL
 - Hall in Munich
 - Hall in Vienna
 - Hall in Amsterdam
 - Church in Freiburg
 - Chamber
 - Village Vanguard
 - Warehouse Loft
- LIVE/CLUB
 - Cellar Club
 - The Roxy Theatre
 - The Bottom Line

CINEMA DSP Programs

- MOVIE
 - Standard
 - Spectacle
 - Sci-Fi
 - Adventure
 - Drama
 - Mono Movie
 - Sports
- ENTERTAINMENT
 - Action Game
 - Roleplaying Game
 - Music Video
 - Recital/Opera
- STEREO
 - 2 Channel Stereo
 - 7 Channel Stereo

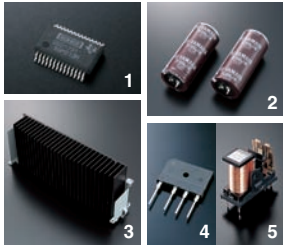
DSP Program Total 23

- HiFi DSP Programs
- Tri-Field CINEMA DSP
- CINEMA DSP
- Quad-Field CINEMA DSP

High Sound Quality

Digital ToP-ART and High Current Amplification

Yamaha's Digital ToP-ART concept combines the latest and best technologies, parts and circuit designs to maximize sound quality. A new interior layout completely isolates the digital, analog and video sections and provides the shortest possible signal routes. Top quality parts include Burr-Brown 192kHz/24-bit DACs, a low-noise discrete power supply, custom-made 18,000µF block



- 1 High grade Burr-Brown DAC
- 2 Custom made block capacitors (18,000µF)
- 3 Large, arch-shaped heat sink
- 4 Schottky barrier diode for high S/N
- 5 Two direct signal path speaker relays

capacitors, Schottky barrier diodes, low-jitter PLL circuitry, and a large, arch-shaped heat sink. New center bar and top and bottom chassis provide greater rigidity for vibration damping. High Current Amplification circuitry achieves high current power with low impedance for superior amplifier performance.

Pure Direct for Highest Sound Quality

Pure Direct is a special receiver mode that causes the signal to bypass all but the most basic audio circuitry, and even turns off the display to prevent any chance of noise interference. It provides the purest possible high-fidelity sound from all sources including USB and HDMI inputs.

HDMI 1.2a for All-Digital Audio

This receiver incorporates the High-Definition Multimedia Interface (HDMI) 1.2a specification. Listeners can enjoy crystal-clear, all-digital audio quality via a single HDMI cable.



High Picture Quality

1080p Compatible HDMI (3 In/1 Out)

This receiver has the capability of repeating 1080p video signals from HDMI input to HDMI output. Three inputs are provided, so the user can switch among them.



Video circuit board

De-interlacing and Up-Scaling

The RX-V2700 is equipped with high-definition video up-conversion circuitry incorporating high-performance video

encoder/decoders from Analog Devices. A Time Base Corrector (TBC) transforms degraded analog video signals into a stable format for distortion-free viewing. An Oplus™ de-interlacer converts interlaced video input to high quality progressive video output. It also utilizes Anchor Bay Technologies' ABT1010 scaler engine that can independently scale an image horizontally and vertically to further improve the picture quality on high resolution displays (to 1080i/720p with HDMI output).

Advanced Features

Network Receiver

Using network connection and Windows Media Connect technology, it lets you play MP3, WMA and WAV music from remote PC's. You can also listen to any of the thousands of stations available on Internet radio without a PC.



The RX-V2700 provides even more listening options. It can function as a client in Yamaha's MusicCAST home audio network, seamlessly integrating with the MCX-2000. A USB terminal on the front panel makes it convenient to play music from USB flash drives and portable USB audio players.

* Not compatible with certain components and music servers.

XM Satellite Radio Ready with XM HD Surround Powered by Neural Surround

This receiver is XM Satellite Radio Ready, allowing you to hear over 170 digital channels of music, news, sports, talk and entertainment from America's number one Satellite Radio service. To get XM Satellite Radio the XM Mini-Tuner and Home Dock including home antenna are required (sold separately).



This receiver is also capable of receiving XM Satellite Radio with XM HD Surround powered by Neural Surround.

Compressed Music Enhancer

When music is encoded in a digital compressed format such as MP3, frequency response suffers in the high and low ranges. Yamaha employs sophisticated digital signal processing with exclusive algorithms, enabling faithful reproduction of the original music, for the excellent sound quality expected from top class receivers.

Superior Custom Zone Control

Convenient operation is assured thanks to control of Main/Zone 2/Zone 3 power, XM/FM/AM tuning, volume and input select on the front panel, along with a Zone 2 on-screen display with extensive information. Zone 2/3 tone and L/R balance control for ceiling- or wall-mount speakers and even a separate Zone Remote Unit. There is also an RS-232C interface for a touch-panel controller.

Improved YPAO Sound Optimization with 6 Memories

The YPAO Sound Optimization system works

automatically to allow listeners to enjoy even better sound in less than three minutes. Six YPAO settings can be memorized. It has been upgraded with low frequency support down to below 63Hz and the parametric EQ now has two extra bands for a subwoofer.



On-Screen Display with GUI

An on-screen GUI (Graphical User Interface) display makes operating the receiver easy and intuitive. It is compatible with iPod, internet radio, PC and USB displays. Six display languages can be selected: English, Spanish, French, German, Russian and Japanese.



Surround Realism

Upgraded CINEMA DSP Programs

Yamaha's much-praised CINEMA DSP programs have been fine-tuned for even better sound and revised for easier selection. There are also several new programs.



Other Notable Features

- Amplifiers are freely assignable for bi-amping and Main/Zone 2/Zone 3 output.
- Audio Delay for adjusting lip-sync (0-240 ms)
- Dialogue Lift for dialogue to screen center
- Selectable 9-band subwoofer crossover frequencies
- Subwoofer phase select
- Night Listening Enhancer
- SILENT CINEMA and Virtual CINEMA DSP
- Max Volume Setting, Initial Volume Setting and Channel Mute
- Detachable power cable
- Extended remote control codes, dual remote terminals for Zone 2 and Zone 3 and dual programmable +12V trigger outputs

Universal Dock for iPod

YDS-10

The optional YDS-10 Universal Dock lets you connect your iPod to the receiver. You can listen to your iPod music and watch iPod images and movies on your monitor via the receiver's remote unit with the On-Screen Display (choice of six languages) and charge your iPod.

Works with:

- iPod nano
- iPod mini
- iPod (Click Wheel)



iPod not included

Main Specifications

Minimum RMS Output Power (8 ohms, 20 Hz-20 kHz, 0.04% THD)	
Front Channels	140 W + 140 W
Center Channel	140 W
Surround Channels	140 W + 140 W
Surround Back Channels	140 W + 140 W
Dynamic Power/Ch (Front Ch, Speaker-1)	
8/6/4/2 ohms	170/205/265/345 W
Damping Factor (8 ohms, 20 Hz-20 kHz)	150 (speaker-1)
Frequency Response	10 Hz-100 kHz
	+0, -3 dB
Total Harmonic Distortion (20 Hz-20 kHz)	
CD (Front Sp Out)	0.04%
Signal-to-Noise Ratio (CD)	100 dB
Video Monitor Out Frequency Response	
Component Video Signal	5 Hz-100 MHz -3 dB
Dimensions (W x H x D)	17-1/8" x 6-3/4" x 17-1/4"
Weight	37.9 lbs.



• The XM Satellite Radio service is only available in the 48 contiguous United States (not available in Alaska and Hawaii) and Canada. • XM name, XM Ready and related logos are registered trademarks of XM Satellite Radio, Inc. • iPod is a trademark of Apple Computer, Inc., registered in the U.S. and other countries. • 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. • Powered by ABT™ is a trademark of Anchor Bay Technologies Inc. • Oplus(tm) is the Display Processing Division of Intel Corporation. • 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 theater.