

Comprising of over 700 watts, 1080p pass-through HDMI and 1080i up scaling, the YHT-985BG represents the finest audiovisual technologies streamlined into a complete future-proof system.



1

Advanced Features

- 4 SCENE buttons on front panel and remote unit offering easier operation
- iPod compatibility via optional Yamaha YDS-10
- Improved YPAO supporting low frequency to 31.5Hz with auto setup
- Superior multi-zone control compatibility
- On-screen display including HDMI output

2

High Sound Quality

- 7-channel 735W powerful surround sound (105W x 7)
- Digital Top-ART and High Current Amplification
- HDMI Ver. 1.2a with support for Super Audio CD
- Pure Direct for high quality sound reproduction
- Burr-Brown 192kHz/24-bit DACs used in all channels
- Assignable amplifiers for bi-amp connection

3

High Picture Quality

- High-definition video up-scaling (480i/576i or 480p/576p to 720p/1080i)
- Deinterlacing (480i/576i to 480p/576p) through HDMI output
- 1080p-compatible HDMI (2 in/1 out)

4

Surround Realism

- Upgraded CINEMA DSP with 17 DSP programmes
- Compressed Music Enhancer
- Night Listening Enhancer (Cinema/Music) and SILENT CINEMA

5

Speaker Design

- High sensitivity and wide dynamic range for contemporary digital sources
- Highest quality internal Monster Cable wiring
- High frequency response dome tweeter delivers clear, natural highs
- Beautiful Yamaha piano finish with elegant elliptical form

YHT-985BG Main Specifications

Receiver (RX-V861B)

Minimum RMS Output Power (8 ohms, 20 Hz–20 kHz, 0.06% THD)	105 W + 105 W		
Front L/R Channels	105 W		
Centre Channel	105 W		
Surround L/R Channels	105 W + 105 W		
Surround Back Channels	105 W + 105 W		
Dynamic Power (1 kHz)	140/175/205/250 W		
8/6/4/2 ohms			
Damping Factor	120 (speaker A)		
(8 ohms, 20 Hz–20 kHz)	10 Hz–100 kHz +0, -3 dB		
Frequency Response	0.06%		
Total Harmonic Distortion (CD, Front Sp Out)	100 dB (250 mV)		
(50 W/8 ohms)			
Signal-to-Noise Ratio (CD)	5 Hz–60 MHz -3 dB		
Monitor Out Frequency Response	435 x 171 x 421 mm		
Component Video Signal	13.1 kg		
Dimensions (W x H x D)			
Weight			
Speakers	(NS-777B)	(NS-C444B)	(NS-333B)
Type	3-way bass-reflex	2-way acoustic suspension	2-way bass reflex
Woofers	Dual 20cm (8") PMD cone	Dual 13cm (5") PMD cone	13cm (5") PMD cone
Mid-Range Driver	13cm (5") cone with Waveguide horn		
Tweeter	2.5cm (1") Aluminum Dome with Waveguide horn		
Magnetic Shielding	YES	YES	YES
Internal Monster Cabling	YES	YES	YES
Bi-Wiring Connectivity	YES		
Banana-Plug Terminals	YES	YES	YES
Frequency Response	30 Hz–35 kHz	55 Hz–35 kHz	60 Hz–35 kHz
Sensitivity	89 dB/0.283 V/1m	89 dB/0.283 V/1m	87 dB/0.283 V/1m
Input Power (Max/Nom)	250 W/100 W	250 W/100 W	150 W/60 W
Impedance	6 ohms	6 ohms	6 ohms
Dimensions (W x H x D)	276x1100x390mm	514x190x213mm	200x320x213mm
Weight	24.4 kg	7.3 kg	5.5 kg

YHT-985BG - 7.1 Channel Home Theatre Pack-

Advanced Features

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 Movie Viewing, Music 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, 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.

Improved YPAO Sound Optimisation

The RX-V861 has an improved YPAO system that automatically selects the crucial frequency bands for the listening room, and adjusts the level of the selected bands to create a cohesive sound field in the room. You can vary the type of the parametric equalizer adjustment among Natural, Flat and Front.

High Sound Quality

Digital ToP-ART with Superior Audio-Grade Parts and Devices Used Throughout

Yamaha's Digital ToP-ART concept combines the latest and best technologies, parts and circuit designs to maximize sound quality. These include an 12,000µF custom-made block capacitor (1), high grade Burr-Brown DACs (2), and two direct signal path speaker relays (3) and other high quality audio-grade parts (4). High Current Amplification uses superior components to achieve high current power and low impedance from the low-noise power supply to the speaker terminals.

HDMI Ver. 1.2a with Support for Super Audio CD

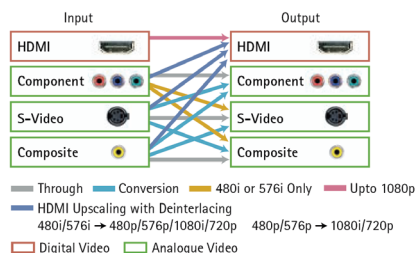
This receiver incorporates the High-Definition Multimedia Interface (HDMI) 1.2a specification. Listeners can enjoy crystal-clear, digital audio quality via a single HDMI cable, including Super Audio CD.

High Picture Quality

High-Definition Video Up-scaling (to 1080i/720p)

The RX-V861 provides analog video up-conversion of composite, S-Video 480i/576i signals and of component 480i/576i or 480p/576p signals to HDMI 1080i/720p resolutions for optimal viewing on high definition displays. In addition, the analogue video signals deinterlaced from 480i/576i to 480p/576p are output at HDMI. It uses advanced processing

including video encoding/decoding ICs from Analog Devices and a TBC (Time Base Corrector) to restore degraded video signals for distortion-free viewing.



1080p Compatible HDMI Inputs and Output

This receiver features dual HDMI inputs and one output that support 1080p (1,920 x 1,080 progressive) resolution so users can connect two HDMI sources, such as a DVD player and a high definition set-top box, and enjoy the highest possible quality with a 1080p display.

Surround Realism

Upgraded CINEMA DSP Programmes

Yamaha's popular CINEMA DSP programmes have been upgraded for this receiver. Action and Role playing games deliver awesome sound with the latest game machines. Other programmes have been fine-tuned for even better sound and revised for easier selection.

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.

Other Notable Features

- Burr-Brown 192kHz/24-bit DACs used in all channels
- Assignable amplifiers for bi-amp connection
- Aluminium front panel and volume/input selector knobs

- 3 HDTV compatible component video inputs
- Independent operation of Zone 2 with Remote In/Out and Trigger Out
- High-performance CINEMA DSP LSI (64-bit floating point quantization)
- Night Listening Enhancer (Cinema and Music), SILENT CINEMA and Virtual CINEMA DSP
- Dialogue Lift for dialogue to screen center
- Audio Delay for adjusting lip-sync (0–160ms)
- Pre-out terminals for front, centre, surround and surround back, and subwoofer out
- Preset remote unit with 3 mode switches
- Zone 2 control and Zone on/off on front panel
- 9 selectable subwoofer crossover frequencies
- Subwoofer phase select
- 8-channel external decoder input
- Phono input
- Preset remote unit
- Speaker A, B, A+B selection
- 40-station preset tuning / Auto preset tuning

Universal Dock for iPod

YDS-10S

The optional YDS-10S Universal iPod Dock lets you connect your iPod to this receiver. You can listen to your iPod music and watch iPod photos and movies on your monitor via the receiver's remote control with the On-Screen Display and charge your iPod.

Works with:

- iPod Nano
- iPod mini
- iPod (Click Wheel models)



* iPod not included

Inputs		Outputs	
HDMI	2	HDMI	1
Dock Terminal for YDS-10S	1	Analogue AV / Audio	2/1
Optical Digital (Fixed and Assignable)	4	Optical Digital (Fixed and Assignable)	1
Coaxial Digital (Fixed and Assignable)	2	S-Video	2
S-Video	5	Component Video (Fixed and Assignable)	1
Analogue AV / Audio*	5/3	S-Video / Composite Monitor	1/1
Component Video (Fixed and Assignable)	3	Speaker (without subwoofer)	7ch/9ter
Multi-Channel External Decoder	8ch	Subwoofer	1