

3D-compatible HTiB includes HD Audio capable AV receiver with 1080p-compatible HDMI repeater (4 in/1 out), a low and slim front speaker, compact surround speakers (with floorstanding speaker stands) and an Advanced YST subwoofer.

A perfect match
for **32"–50"** flat
TVs and monitors.



HD Sound Quality

- HDMI (V.1.4 with 3D)
- HD Audio compatibility (linear PCM via HDMI transmission)
- 5.1-channel total 700W powerful sound (120W x 5 + 100W subwoofer)
- 16cm 100W Advanced YST subwoofer with Linear Port
- 192 kHz/24-bit Burr Brown DACs for all channels

Convenient Placement

- Super slim sound bar (50mm high) can be placed in front of most TVs
- Feet can be adjusted horizontally and vertically, for use with TVs from 32" to 50"; they can also be removed
- Floorstanding speaker stands for surround speakers are included

Advanced Features

- SCENE buttons with direct power on – quick and simple to use
- YPAO sound optimisation for automatic speaker setup
- Front panel mini jack input for connecting portable audio player
- Audio input assign capability for HDMI and component video input

High Picture Quality

- 1080p-compatible HDMI repeater (4 in/ 1 out)
- Supports Deep Colour, x.v.Colour, 24Hz Refresh Rate and Auto Lip Sync

Surround Realism

- Upgraded CINEMA DSP with 17 DSP programmes
- Compressed Music Enhancer
- Adaptive DRC (Dynamic Range Control) and Adaptive DSP level

YHT-594 Main Specifications

Receiver (HTR-3063)

Maximum Output Power per Channel	120 W x 5 (4 ohms, 1 kHz, 0.7% THD For Europe)
Minimum RMS Output Power per Channel	100 W x 5 (6 ohms, 1 kHz, 0.9% THD)
Dynamic Power per Channel (Front L/R)	105/130/150 W (6/4/2 ohms)
Frequency Response (AV5, Front)	10 Hz–100 kHz +0, -3 dB
Total Harmonic Distortion (AV5, Front SP Out)	0.06% (1 kHz, 50 W/8 ohms)
Signal-to-Noise Ratio (AV5, Input Shorted)	98 dB (250 mV)
Video Monitor Out Frequency Response	5 Hz–60 MHz ±3 dB (component video signal)
Standby Power Consumption	0.5 W
Dimensions (W x H x D); Weight	435 x 151 x 315 mm; 7.5 kg

Speaker System

Frequency Response: 30 Hz–20 kHz

Front Speaker System including Centre Speaker (NS-BR300)

Type	Acoustic Suspension
Driver	4cm x 10cm cone x 3
Dimensions (W x H x D); Weight	800 x 50 x 70mm; 1.5 kg

Surround Speakers (NS-B285)

Type	Acoustic suspension
Drivers	6.5cm cone full-range driver
Input Power (Nominal/Max)	30 W / 80 W
Sensitivity	81 dB/2.83 V/1 m
Dimensions (W x H x D); Weight	90 x 120 x 123 mm; 0.51 kg/unit (with stand)

Subwoofer (NS-SW280)

Type	Advanced YST with Linear Port
Output Power	100 W
Driver	16cm cone
Dimensions (W x H x D); Weight	262 x 264 x 316 mm; 6.9 kg

Floorstanding Speaker Stands (SPS-90)

Dimensions (W x H x D); Weight	230 x 910–1,200 (height adjustable) x 230 mm; 2.2 kg/unit
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HD SOUND QUALITY

4 In/1 Out HDMI V.1.4 with 3D

The YHT-594 provides four HDMI V.1.4 inputs and one output. HDMI V.1.4 is the latest version of the HDMI interface, offering a number of features for enhanced home theatre, including support for 3D video in resolutions up to 1080p. 3D monitors and games are already being introduced, and will become more commonplace in the coming years. With the YHT-594, you are ready for the 3D experience in your own home!

HD Audio Compatibility

The YHT-594 can accept HD Audio signals (linear PCM via HDMI transmission) from Blu-ray Disc players for enjoying maximum sound quality.

HD PICTURE QUALITY

1080p-Compatible HDMI Repeater (4 In/1 Out)

The YHT-594 offers HDMI repeater (reception and transmission of HDMI signals) up to 1080p resolution, maintaining the highest possible quality from the digital input to your HD monitor. With four HDMI inputs, you can connect four high-definition AV sources. You also get the benefits of Deep Colour (30/36 bit), the x.v.Colour Standard, high refresh rate, and Lip Sync (automatic syncing of audio and video).

CONVENIENT PLACEMENT

Adjustable Feet, Speaker Stands



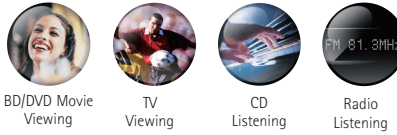
The front speaker system has height-adjustable and width-adjustable feet, so it can be placed in front of most TVs from 32" to 50", no matter what shape and width the TV stand is. The feet can also be removed. Floorstanding stands for the surround speakers allow convenient positioning of these speakers.



ADVANCED FEATURES

SCENE for Easy One-Touch Operation

Four SCENE buttons make operating the receiver easier than ever. They are initially set to default settings for BD/DVD Movie Viewing, TV Viewing, CD Listening and Radio Listening.



YPAO for Automatic Speaker Setup

The YHT-594 uses Yamaha's YPAO that quickly and automatically analyses the acoustics of the room and adjusts various speaker parameters to provide the optimum sound at the listening position. It's like having a professional audio engineer set up and tweak your system.



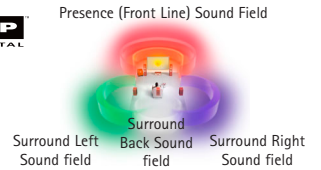
SURROUND REALISM

Quad-Field CINEMA DSP with 17 Surround Programmes

Yamaha's ultra-sophisticated Quad-Field and Tri-Field CINEMA DSP technology creates thrillingly realistic soundscapes in your room.



Quad-Field CINEMA DSP

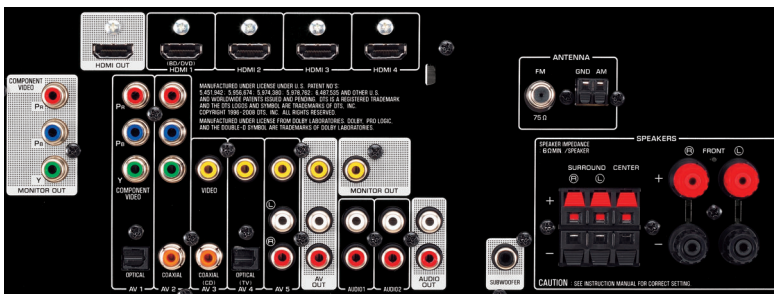


Compressed Music Enhancer

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 excellent sound quality.

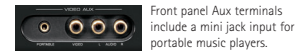
Other Notable Features

- 192kHz/24-bit Burr-Brown DACs for all channels
- Initial Volume and Maximum Volume Setting
- Audio Delay for adjusting Lip-Sync (0-240ms)
- SILENT CINEMA / Virtual CINEMA DSP
- 40-station preset tuning
- Auto power down function



HTR-3063 Extensive Connections

Inputs		Outputs	
HDMI (Audio Input Assignable)	4	HDMI	1
Radio Antenna (FM/AM)	1 / 1	Analogue Audio	2
Optical Digital	2	Component Video Monitor	1
Coaxial Digital	2	Composite Monitor	1
Analogue Audio	4	Speaker (without subwoofer)	5ch
Component Video (Audio Input Assignable)	2	Subwoofer	1
Composite Video	4		



Super slim, height-adjustable sound bar fits neatly in front of most TVs.



Stands for surround speakers allow convenient positioning.

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