

Total Home Theatre Package providing 1080p-compatible HDMI (2 inputs), YPAO sound optimisation, four SCENE buttons, CINEMA DSP and Compressed Music Enhancer. A great system for enjoying Blu-ray Discs and DVDs with high sound and picture quality.



## Advanced Features

- Four SCENE buttons offering easy operation (with 12 preset SCENE templates)
- YPAO sound optimisation for automatic speaker setup
- Front panel mini jack input for connecting portable audio players

## High Sound Quality

- 5.1-channel 600W powerful surround sound (100W x 5 + subwoofer)
- 192 kHz/24-bit DACs for all channels
- High dynamic power, low-impedance drive capability
- Natural tonal sound speakers: Compact design for flexible placement (5 satellites), and 16cm 100W Advanced YST subwoofer with Linear Port

## High Picture Quality

- 1080p-compatible HDMI switching (2 in/1 out) including 1080p/24Hz repeat
- Supports Deep Colour (30/36 bit) pass through and x.v.Colour pass through

## Surround Realism

- CINEMA DSP with 8 DSP programmes
- Compressed Music Enhancer
- Night Listening Enhancer (Cinema/Music) and SILENT CINEMA
- Audio Delay for adjusting Lip-Sync (0-160ms)

### YHT-292 Main Specifications

#### Receiver (HTR-6230)

Minimum RMS Output Power	100 W x 5 (6 ohms, 1 kHz, 0.9% THD)
Maximum Output Power	135 W x 5 (6 ohms, 1 kHz, 10% THD)
Dynamic Power per Channel (Front Ch)	105/130/150 W (6/4/2 ohms)
Frequency Response	10 Hz-100 kHz +0, -3 dB
Total Harmonic Distortion (CD)	0.06% (1 kHz, 50 W/6 ohms)
Signal-to-Noise Ratio	100 dB (250 mV)
Monitor Out Frequency Response	5 Hz-60 MHz -3 dB (component video signal)
Dimensions (W x H x D)	435 x 151 x 318 mm
Weight	8 kg

#### Front, Centre and Surround Speakers (NS-B280)

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)	90 x 90 x 109 mm
Weight	0.45 kg/unit

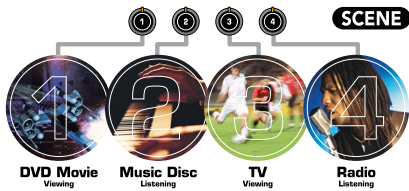
#### Subwoofer (NS-SW280)

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

**ADVANCED FEATURES**

**SCENE – Offering Easy Operation**

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 Music Disc Listening, TV Sports Viewing and Game Playing. Browsing and selecting the settings from among 12 SCENE templates is quickly done by rotating the Input knob. The settings can be selected for one-time use, or to replace the original default settings. The SCENE names can be changed also.



**YPAO for Automatic Speaker Setup**

The YHT-292 uses Yamaha's YPAO system 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.



**Front Panel Mini Jack Input**

A mini jack input on the front panel makes it convenient to connect portable audio players.

**HIGH SOUND QUALITY**

**High Dynamic Power Capability**

The YHT-292 receiver is capable of delivering large amounts of reserve power for accurate reproduction of the high energy peaks that are especially prevalent in digital audio sources. This prevents clipping and emphasises the music's dynamic qualities.

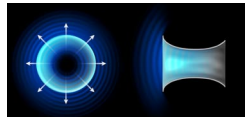
**192kHz/24-Bit DACs for All Channels**

The YHT-292 uses 192kHz/24-bit DACs for all channels. The DACs provide accurate-sound field reproduction for high quality multi-channel sources, and outstanding separation and precise musical delineation for two-channel sources.

**Advanced YST and Linear Port for Deep, Powerful Bass**

In Advanced YST, an Advanced Negative Impedance Converter enables the speaker cone to be driven with even tighter control. The result is more stable and accurate low range response, as well as higher sound pressure levels, for more natural and energetic bass reproduction.

The Linear Port provides smooth bass response and minimises extraneous noise. It also serves to boost the sound output from this compact subwoofer.



Advanced YST produces rich bass sound, and the addition of a Linear Port reduces extraneous noise for even higher quality.

**HIGH PICTURE QUALITY**

**1080p-Compatible HDMI Switching (2 In/1 Out)**

This package features dual HDMI inputs and one output that can handle all HD formats including

720p, 1080i and 1080p so you can connect two HDMI sources, such as a DVD player and a high definition set-top box, and enjoy the highest possible quality with an HD display (Not support audio signal).

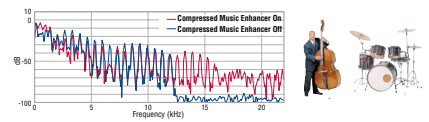
**SURROUND REALISM**

**CINEMA DSP with 8 DSP Programmes**

You have a choice of eight unique Yamaha CINEMA DSP surround programmes to bring out the full audio potential of your entertainment sources.

**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.



The Compressed Music Enhancer restores the original, live sound of your music, especially deep, strong sounds like bass and drums.

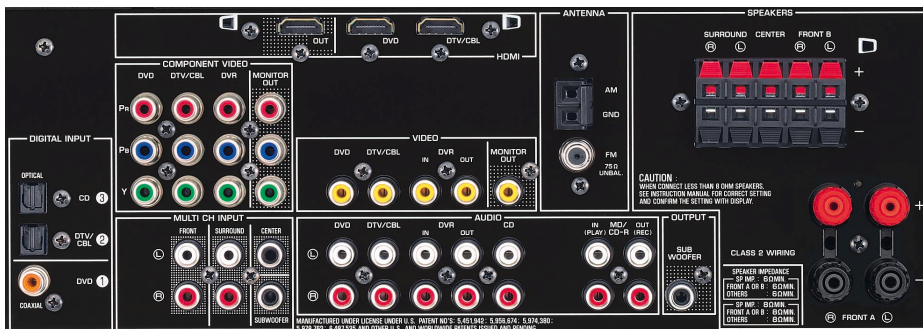
**Other Notable Features**

- 40-station preset tuning
- Auto preset tuning
- Subwoofer phase select / Subwoofer out
- Initial Volume and Maximum Volume
- Front panel Video Aux input terminals
- SILENT CINEMA / Virtual CINEMA DSP
- HDTV compatible component video terminals
- 6-channel external decoder input
- Preset remote unit

**Extensive Connections**

Inputs	
HDMI	2
Radio Antenna (FM/AM)	1 / 1
Optical Digital (Fixed and Assignable)	2
Coaxial Digital (Fixed and Assignable)	1
Analogue Audio*	6
Component Video (Fixed and Assignable)	3
Multi-Channel External Decoder	6ch
Outputs	
HDMI	1
Analogue Audio	2
Component Video Monitor	1
Composite Monitor	1
Speaker (without subwoofer)**	5ch / 7 ter.
Subwoofer	1

\* Including front panel terminals.  
 \*\* Banana-plug compatible speaker terminals are not available in some areas.



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