

An ideal match for Blu-ray players and flat panel displays featuring a 105W 5-channel A/V Receiver with four 1080p-compatible HDMI inputs, HD Audio internal decoding, iPod and Bluetooth compatibility, a high performance, powerful speaker package and a 100W Subwoofer.



High Sound Quality

- 5-channel 525W powerful surround sound receiver (105W x 5)
- Decoders for HD audio formats: Dolby TrueHD and DTS-HD Master Audio; Dolby Digital Plus and DTS-HD High Resolution Audio
- Burr-Brown 192 kHz/24-bit DACs for all channels
- Direct Mode for high quality sound reproduction
- 3-way speaker drivers (Front & Center) for high power input capacity
- 10" 100W advanced YST II subwoofer

High Picture Quality

- 1080p-compatible HDMI (4 in/1 out)
- Supports Deep Color (30/36 bit), x.v.Color, 120Hz/24Hz Refresh Rates and Auto Lip-Sync compensation

Advanced Features

- New SCENE buttons (BD/DVD, TV, CD and Radio) - quick and simple to use
- YPAO sound optimization for automatic speaker setup
- iPod compatibility via optional YDS-11 Universal Dock
- Bluetooth (A2DP) compatibility with optional Yamaha Bluetooth® Wireless Audio Receiver YBA-10

- Front panel mini jack for connecting portable audio player
- iPod song titles displayed in English and Western European languages on the front panel
- Initial Volume Setting and Maximum Volume Setting
- 40-station preset tuning / Auto preset tuning
- New preset remote unit

Surround Realism

- CINEMA DSP (17 DSP programs) with Adaptive DSP Level
- Adaptive DRC (Dynamic Range Control)
- Compressed Music Enhancer
- SILENT CINEMA and Virtual CINEMA DSP
- Audio Delay for adjusting Lip-Sync (0-240ms)

YHT-591BL Main Specifications

A/V Receiver (HTR-6240BL)

Minimum RMS Output Power (8 ohms, 1 kHz, 0.9% THD)	
Front Channels	105 W + 105 W
Center Channel	105 W
Surround Channels	105 W + 105 W
Frequency Response (AV5, Front)	10 Hz-100 kHz +0, -3 dB
Total Harmonic Distortion (AV5, 1 kHz, 50 W/8 ohms)	0.06%
Signal-to-Noise Ratio (AV5, 250 mV)	100 dB
Monitor Out Frequency Response	5 Hz-60 MHz -3 dB
Component Video Signal	
Dimensions (W x H x D):	17-1/8" x 6" x 14-3/8"
Weight:	18.5 lbs
5.1-ch Speaker system:	
System Frequency Response:	25 Hz - 35 kHz
Magnetic Shielding:	All speakers
Impedance:	6 ohms (except

5.1-ch Speaker system: (Continued)

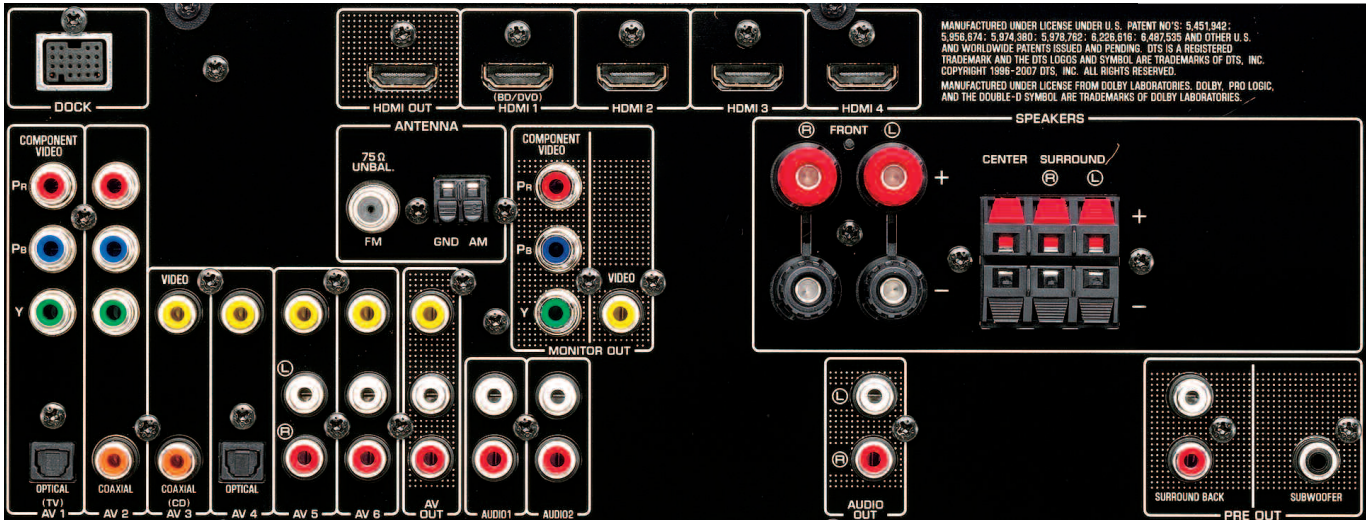
Front Speakers:	3-way bass reflex
Drivers:	Quad 2-1/4" woofer and 3/4" tweeter
Input Power (Max/Nominal):	120 W / 40 W
Dimensions (W x H x D):	3-11/16" x 17" x 4-3/4"
Weight:	5.3 lbs/ea
Center Speaker:	3-way bass reflex
Drivers:	Quad 2-1/4" woofer and 3/4" tweeter
Input Power (Max/Nominal):	120 W / 40 W
Dimensions (W x H x D):	17" x 3-11/16" x 4-3/4"
Weight:	5.3 lbs
Surround Speakers:	2-way acoustic suspension
Drivers:	Dual 2-1/4" woofer and 3/4" tweeter
Input Power (Max/Nominal):	100 W / 30 W
Dimensions (W x H x D):	3-11/16" x 10" x 4-3/4"
Weight:	3.5 lbs/ea
Subwoofer (YST-SW216BL)	
Dynamic Power:	100 W
Driver:	10" multi-range
Dimensions (W x H x D):	13-3/8" x 13-3/8" x 15-3/16"
Weight:	26 lbs

YDS-11 Universal Dock for iPod

The optional YDS-11 Universal Dock lets you connect your iPod to the receiver. You can listen to your iPod music via the receiver. You can also operate your iPod via the receiver's remote unit with the on-screen display and charge your iPod. Works with: iPod touch, iPod nano, iPod mini and iPod (Click Wheel)



Yamaha Bluetooth® Wireless Audio Receiver
The optional YBA-10 Bluetooth Wireless Audio Receiver docks to the receiver and supports A2DP audio streaming, so users can enjoy music wirelessly from Bluetooth-enabled mobile phones, Windows PCs and Macs.



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Extensive Connections

Inputs	
HDMI	2
Radio Antenna (FM/AM)	1 / 1
Dock Terminal for Optional Dock Accessories	1
Optical Digital (Fixed and Assignable)	2
Coaxial Digital (Fixed and Assignable)	1
Analog Audio*	6
Component Video (Fixed and Assignable)	3
Multi-Channel External Decoder	6ch

Outputs	
HDMI	1
Analog Audio	2
Component Video Monitor	1
Composite Monitor	1
Speaker (without subwoofer)*	5ch / 7 ter.
Subwoofer	1

* Banana-plug compatible.

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