

Full surround sound HTiB system with 100W 5-channel A/V Receiver, 1080p-compatible HDMI inputs, iPod and Bluetooth compatibility, 4 SCENE buttons, and a pair of slim, powerful tower speakers plus a 100W Subwoofer.



### High Sound Quality

- 5-channel 500W powerful surround sound receiver (100W x 5)
- 192 kHz/24-bit DACs for all channels
- High dynamic power, low-impedance drive capability
- 2-way speaker drivers for high power input capacity
- 8" 100W active subwoofer

### High Picture Quality

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

### Advanced Features

- Four SCENE buttons offering easy operation (with 13 preset SCENE template)
- iPod compatibility via optional YDS-11 Universal Dock
- Bluetooth (A2DP) compatibility with optional Yamaha Bluetooth® Wireless Audio Receiver YBA-10

- Front panel mini jack input for connecting portable audio player
- 9 selectable subwoofer crossover frequencies
- Subwoofer phase select / Subwoofer out
- Initial Volume Setting and Maximum Volume Setting
- 40-station preset tuning / Auto preset tuning
- Speaker A or B selection
- Preset remote unit

### Surround Realism

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

# HTiB YHT-491BL

NEW PRODUCT BULLETIN

## YHT-491BL Main Specifications

### A/V Receiver (HTR-6230BL)

Minimum RMS Output Power (8 ohms, 1 kHz, 0.9% THD)	
Front Channels	100 W +100 W
Center Channel	100 W
Surround Channels	100 W +100 W
Dynamic Power/Ch (Front Ch, 8/6/4/2 ohms)	
Frequency Response	110/130/160/180 W
Total Harmonic Distortion (1 kHz, 50 W/8 ohms)	10 Hz-100 kHz +0, -3 dB
Signal-to-Noise Ratio (CD, 250 mV)	0.06%
Monitor Out Frequency Response	100 dB
Component Video Signal	5 Hz-60 MHz -3 dB
Dimensions (W x H x D):	17-1/8" x 5-15/16" x 12-1/2"
Weight:	17.6 lbs

### 5.1-ch Speaker system:

System Frequency Response:	28 Hz - 35 kHz
Magnetic Shielding:	All speakers
Impedance:	6 ohms (except subwoofer)
Removable Grilles:	All speakers

### Front Speakers:

Drivers:	2-way bass reflex
Input Power (Max/Nominal):	Dual 2-1/4" woofer and 3/4" silk dome tweeter
Dimensions (W x H x D):	100 W / 30 W
Weight:	3-11/16" x 41-3/16" x 4-3/4"
	9.8 lbs/ea

### 5.1-ch Speaker system: (Continued)

<b>Center Speaker:</b>	2-way acoustic suspension
Drivers:	Dual 2-1/4" woofer and 3/4" silk dome tweeter
Input Power (Max/Nominal):	100 W / 30 W
Dimensions (W x H x D):	10" x 3-11/16" x 4-3/4"
Weight:	3.4 lbs
<b>Surround Speakers:</b>	2-way acoustic suspension
Drivers:	Dual 2-1/4" woofer and 3/4" silk dome 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

### Subwoofer (YST-SW012)

Dynamic Power:	100W
Driver:	8" multi-range
Dimensions (W x H x D):	11-13/32" x 11-13/32" x 12-29/32"
Weight:	18.7 lbs

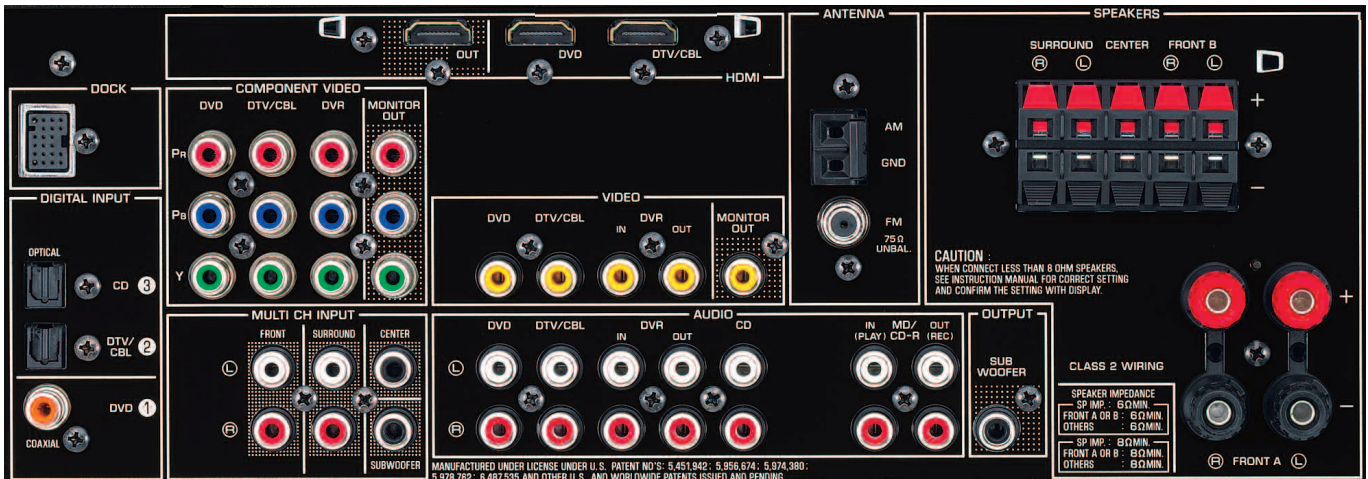
## YDS-11 Universal Dock for iPod

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 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.



## 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

\* Including front panel terminals.

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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