

Full 5.1-Channel Surround Sound with Top Class Features such as HDMI switching with 1080p Video Pass Through, iPod and Bluetooth Compatibility, CINEMA DSP, Compressed Music Enhancer, and Four SCENE Buttons.



Total **600W**
5.1ch System



1 Advanced Features

- 4 SCENE buttons offering greater operating ease (with 13 preset SCENE templates)
- iPod compatibility via Yamaha Universal Dock
- Bluetooth (A2DP) compatibility with Yamaha Bluetooth® Wireless Audio Receiver
- Front panel mini jack for connecting portable audio player
- Preset remote unit
- Initial Volume Setting and Maximum Volume Setting

2 High Sound Quality

- 5.1-channel, 600W powerful surround sound (100W x 5 + 100W subwoofer)
- High dynamic power, low-impedance drive capability
- 192kHz/24-bit DACs used in all channels
- Natural tonal sound speakers
- 8" 100W Advanced YST subwoofer with Linear Port

3 High Picture Quality

- 1080p-compatible HDMI switching (2 in/1 out) including 1080p/24Hz repeat
- HDTV compatible component video terminals (3 in/1 out)

4 Surround Realism

- CINEMA DSP with 8 DSP programs
- Compressed Music Enhancer to improve compressed music sources
- Night Listening Enhancer (Cinema/Music) and SILENT CINEMA
- Audio Delay for adjusting lip-synch

YHT-390BL Main Specifications

Receiver (HTR-6130BL)

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

Speakers (NS-AP2800)

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

4 Satellites and Center Speaker (NS-AP2800)

Front Speakers	2-way bass reflex
Drivers	4" woofer and 1/2" balanced dome tweeter
Input Power (Max/Nominal)	100W/30W
Dimensions (W x H x D); Weight	5-23/32" x 9-7/16" x 6-1/2"; 4 lbs./unit
Center Speaker	2-way bass reflex
Drivers	Dual 3" woofers and 1/2" balanced dome tweeter
Input Power (Max/Nominal)	100 W/30 W
Dimensions (W x H x D); Weight	13" x 4-1/8" x 4-11/32"; 3.9 lbs.
Surround Speakers	Full-Range acoustic suspension
Driver	3" full range
Input Power (Max/Nominal)	100 W/30 W
Dimensions (W x H x D); Weight	4-1/8" x 8-1/16" x 4-11/32"; 2.1 lbs./unit

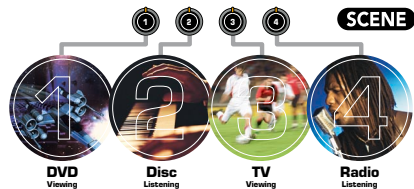
Subwoofer (YST-SW012)

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

Advanced Features

SCENE — Greater Operating Ease

Four SCENE buttons make operating the receiver easier than ever. They are initially set to default settings for DVD Viewing, 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 Dock Listening, TV Sports Viewing and Game Playing. Browsing and selecting the settings from among 13 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.



Initial Volume and Maximum Volume

Two volume setting functions are including on this receiver for additional convenience. Initial Volume Setting allows you to set the volume level that will be heard each time the power is turned on. Maximum Volume Setting prevents unexpected loud sounds, for example if a young child turns the volume knob.

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

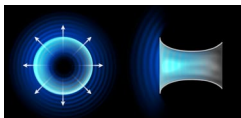
The YHT-390BL receiver is capable of delivering large amounts of reserve power for accurate reproduction of the high energy peaks that are especially prevalent in digital audio sources. This prevents clipping and emphasizes the music's dynamic qualities.

192kHz/24-Bit DACs for All Channels

This HTiB 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 II and Linear Port for Deep, Powerful Bass

In Advanced YST II, 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.



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

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

High Picture Quality

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

This system features dual HDMI inputs and one output that can handle all HD format 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).



HDTV Compatible Component Video Terminals (3 In/1 Out)

Component Video inputs offer higher picture quality, for use with units such as DVD players that have Component Video output. You can enjoy three different sources without having to change connections. The frequency response of the component video signal is 5Hz – 60MHz, making it compatible with HDTV (1080i/720p).

Surround Realism

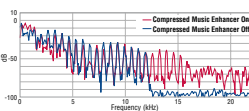
CINEMA DSP with 8 DSP Programs

You have a choice of eight unique Yamaha CINEMA DSP surround programs 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



signals lost during the compressed digital audio encoding and decoding processes are effectively replaced to vividly revive the music.

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.



Night Listening Enhancer and SILENT CINEMA

The Night Listening Enhancer offers two modes, Cinema and Music, with three-level selectability, which will ensure that you don't miss movie dialogue or quiet passages, or lose overall surround spaciousness even during low volume listening late at night.

The SILENT CINEMA mode allows private listening enjoyment of multichannel music or movies, with an accurate simulation of surround sound, through ordinary headphones.



Audio Delay for Adjusting Lip-Sync (0–160ms)

The latest display devices perform complex internal processing, causing time lag in the video signal. It is a small time difference, but because the audio arrives first, the viewer may feel that something is not natural. The Audio Delay function for adjusting Lip-Sync matches the audio to the timing of the output of the video on the screen.

Other Notable Features

- 40-station preset tuning / Auto preset tuning
- Front panel Video Aux input terminals
- Virtual CINEMA DSP
- 6-channel external decoder input
- Subwoofer out
- Speaker A or B selection
- Preset remote unit

Yamaha Bluetooth® Wireless Audio Receiver

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

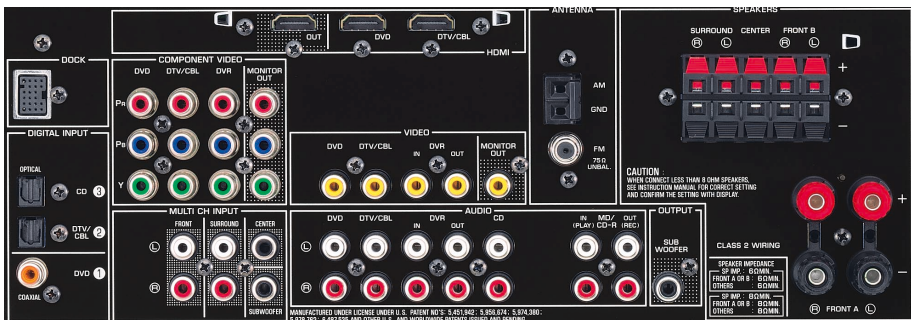


Yamaha Universal Dock for iPod

The optional Yamaha Universal Dock lets you connect your iPod to the receiver.



YHT-390BL Receiver (HTR-6130BL) Rear Panel



Inputs	Outputs
HDMI	2
Dock Terminal (for iPod / Bluetooth)	1
Optical Digital (Fixed and Assignable)	2
Coaxial Digital (Fixed and Assignable)	1
Analog A/V / Audio*	4 / 2
Component Video	3
Multi-Channel External Input	6 ch
HDMI	1
Analog A/V / Audio	1 / 1
Component Video Monitor	1
Speaker (without subwoofer)	5 ch / 7 ter.
Subwoofer	1

* Including front panel Video Aux terminals.

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