

3D and HD Audio fully compatible HTiB with Audio Return Channel-compatible HDMI (4 in/1 out), YPAO and SCENE for easy operation and stylish, curvy design speakers.



High Sound Quality

- 5-channel powerful surround sound
500W = 100W x 5 (6 ohms, 1 kHz, 0.9 % THD)
675W = 135W x 5 (6 ohms, 1 kHz, 10 % THD, JEITA)
- HD Audio decoding with CINEMA DSP (17 DSP programmes): Dolby TrueHD and DTS-HD Master Audio; Dolby Digital Plus and DTS-HD High Resolution Audio
- HD audio compatibility and good sound from stylish speakers
- Compressed Music Enhancer
- Subwoofer delivers clear, expansive bass thanks to its Advanced YST design

High Picture Quality

- 1080p-compatible HDMI (4 in/1 out)
- HDMI with 3D and Audio Return Channel

Advanced Features

- SCENE buttons with direct power on (BD/DVD, TV, CD and Radio) - quick and simple to use
- YPAO sound optimisation for automatic speaker setup
- iPod/iPhone compatibility with optional YDS-12 Universal Dock
- Audio input assign capability for HDMI and component video input

Stylish, Eco-Friendly Design

- Stylish, curvy speaker design looks fresh in any interior
- Auto power down function with variable time setting

YHT-296 Main Specifications

Receiver (HTR-3064)

Rated Output Power	100W x 5 (6 ohms, 1 kHz, 0.9 % THD, 1 ch driven)
Maximum Effective Output Power	135W x 5 (6 ohms, 1 kHz, 10 % THD, 1 ch driven, JEITA)
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)
Dimensions (W x H x D); Weight	435 x 151 x 315 mm; 7.5 kg

Speaker System

Frequency Response: 30 Hz-25 kHz

Front and Surround Speakers (NS-B20)

Full-range acoustic suspension

Driver	7cm full-range cone
Input Power (Nominal/Max)	30 W / 100 W
Sensitivity	83 dB/2.83 V/1 m
Dimensions (W x H x D); Weight	115 x 176 x 88 mm; 0.48 kg /unit

Centre Speaker (NS-C20)

Full-range acoustic suspension

Driver	7cm full-range cone
Input Power (Nominal/Max)	30 W / 100 W
Sensitivity	84 dB/2.83 V/1 m
Dimensions (W x H x D); Weight	291 x 101 x 103 mm; 0.68 kg

Subwoofer (NS-SW20)

Advanced YST with Linear Port

Output Power	100 W
Driver	16cm cone
Dimensions (W x H x D); Weight	262 x 264 x 299 mm; 7 kg

Home Theatre Package YHT-296

NEW PRODUCT BULLETIN

High Sound Quality

HD Audio with CINEMA DSP

The receiver is capable of decoding the latest HD audio formats, which can be enjoyed together with CINEMA DSP surround sound programmes, for natural and expansive sound imaging.



HD Audio Compatible Speakers, for Great Movie Sound

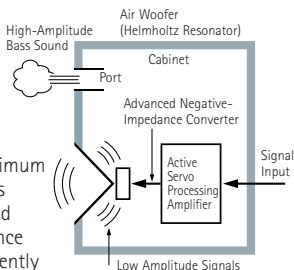
Compatible with HD audio sources, the YHT-296 speakers deliver superb music and movie sound. The speakers are tuned to provide a clear, soft sound that is pleasant to listen to for long periods.

Advanced YST for Awesome Deep Bass



Yamaha's exclusive Advanced Active Servo Technology (Advanced YST) generates incredible bass from small speaker enclosures.

Advanced YST is the ideal method of combining amplifiers and speakers for maximum performance. This system's advanced negative impedance converter intelligently



adjust the negative impedance generation as the speaker moves, creating a hard, rigid cone that prevents deep resonant waves from leaking out of the speaker cone. This means the full power of the waves is forced out through the air port, resulting in clear, powerful bass.

High Picture Quality

1080p-compatible HDMI (4 in/1 out) with 3D and Audio Return Channel

Four HDMI terminals provide convenient one-cable connection of various HD digital sources. HDMI also offers two special features: 3D for 3D video signals and Audio Return Channel.

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. Pressing a SCENE button turns on the power, selects the input source and assigns the optimum DSP mode for that source.



BD/DVD Movie Viewing



TV Viewing



CD Listening



Radio Listening

YPAO for Automatic Speaker Setup

The YHT-296 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.



Stylish, Eco-Friendly Design

Curvy Design for Chic Interiors

The surround speakers have a curved shape that blends nicely with any interior. They are just the right size for good sound quality and convenient placement in almost any location.



Auto Power Down

Auto Power Down after 4, 8 or 12 hours (selectable) and extremely low power consumption make this an environmentally friendly receiver.

Other Notable Features

- Front panel mini jack input
- 192kHz/24-bit Burr-Brown DACs for all channels
- Initial Volume and Maximum Volume
- SILENT CINEMA / Virtual CINEMA DSP
- Audio Delay for adjusting Lip-Sync (0-240ms)
- 40-station preset tuning/Auto preset tuning

Optional Accessories

YDS-12 Universal Dock for iPod

The optional YDS-12 Universal Dock lets you connect your iPod or iPhone to the receiver.

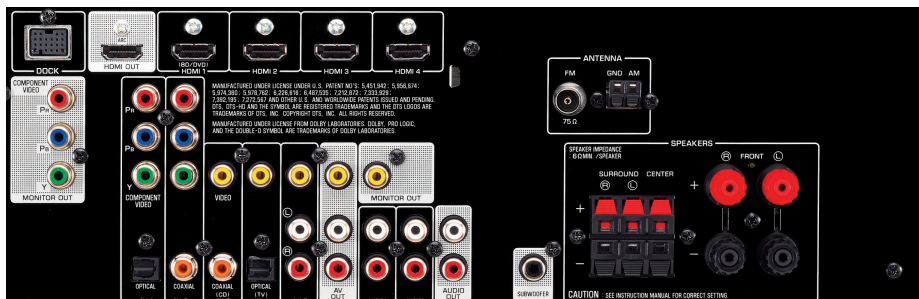


iPhone not included

Made for
iPod iPhone

SPS-90 Floorstanding Speaker Stands

- Dimensions (W x H x D/Weight): 230 x 910-1,200 (height adjustable) x 230 mm / 2.2 kg per unit



European Model



Front panel Aux terminals include a mini jack input for portable music players.

HTR-3064 Extensive Connections

Inputs	
HDMI (Audio Input Assignable)	4
Radio Antenna (FM/AM)	1 / 1
Dock Terminal for Optional Dock Accessories	1
Optical Digital	2
Coaxial Digital	2
Analogue Audio*	4
Component Video (Audio Input Assignable)	2
Composite Video*	4
* Including front panel terminals.	

Outputs	
HDMI	1
Analogue Audio	2
Component Video Monitor	1
Composite Monitor	1
Composite AV	1
Speaker (without subwoofer)*	5ch
Subwoofer	1
* Banana-plug compatible speaker terminals are available in some areas.	

• "Made for iPod," and "Made for iPhone," mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, may affect wireless performance. iPhone, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. • The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. • Dolby and the double-D symbol are registered trademarks of Dolby Laboratories. • DTS, DTS-HD and the Symbol are registered trademarks of DTS logos are trademarks of DTS, Inc. • HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. • Burr-Brown products are trademarks of Texas Instruments, Inc. • "x.v.Colour" is a trademark of Sony Corporation. • CINEMA DSP is a trademark of Yamaha Corporation. • SILENT CINEMA is a trademark of Yamaha Corporation. • Advanced YST is a trademark of Yamaha Corporation. • Product designs and specifications are subject to change without notice.