

A 5.1-channel Home Theatre Package that makes exciting audio easily accessible.













Audio Features

- 5-channel powerful surround sound
 - 70 W per channel (6 ohms, 20 Hz–20 kHz, 0.09 % THD, 2-ch driven)
 - 100 W per channel (6 ohms, 1 kHz, 0.9 % THD, 1-ch driven)
 - 135 W per channel (6 ohms, 1 kHz, 10 % THD, 1-ch driven)
- HD Audio decoding with CINEMA DSP (17 DSP programmes)
- Extra Bass enriches the powerful bass sound
- Virtual CINEMA FRONT provides virtual surround sound with 5 speakers in front
- Discrete amp configuration

Advanced Features

- HDMI® (4 in / 1 out) with HDR Video and BT.2020 pass-through
- 4K video upscaling from HDMI® input **NEW**
- Compressed Music Enhancer

Convenient, Eco Functions

- SCENE buttons with direct power on (BD/DVD, TV, CD and Radio)
- Multi language colour OSD for improved visibility (English, German, French, Spanish, Russian, Italian, Japanese and Chinese)
- ECO mode operation for about 20%* less power consumption
 *Compared to power consumption when ECO mode is off (Yamaha measurement).



YHT-1840 Main Specifications

Receiver (HTR-2071)

Rated Output Power	100 W (6 ohms, 1 kHz, 0.9 % THD, 1 ch-driven) 70 W (6 ohms, 20 Hz–20 kHz, 0.09 % THD, 2-ch driven) 135 W (6 ohms, 1 kHz, 10 % THD, 1-ch driven, JEITA)
Dynamic Power per Channel (Front L/R)	110 / 130 / 150 W (6 / 4 / 2 ohms)
Standby Power Consumption	0.3 W

Dimensions (W x H x D); Weight 435 x 151 x 315 mm; 7.4 kg 1

Speaker System Frequency Response: 30 Hz–25 kHz

Front and Surround Speakers (NS-B40)	Full-range bass-reflex
Driver	7 cm (2-3/4") 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 112 x 176 x 116 mm; 0.59 kg / unit

Centre Speaker (NS-C40) Full-range acoustic suspension

Driver	7 cm (2-3/4") 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 276 x 111 x 118 mm; 0.73 kg

Subwoofer (NS-SWP40) Full-range bass-reflex

Driver	16 cm (6-1/2") cone
Input Power (Nominal / Max)	30 W / 100 W
Sensitivity	88.5 dB

Dimensions (W x H x D); Weight 290 x 292 x 315 mm; 5.8 kg

Audio Features

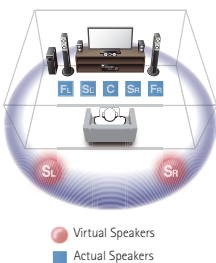
HD Audio with CINEMA DSP

The receiver decodes HD audio formats, which can be enjoyed together with Yamaha's original CINEMA DSP surround sound programmes, for natural and expansive sound imaging.



Virtual CINEMA FRONT Provides Virtual 5-channel Surround Sound

Even when it is impossible to install surround speakers behind the listening position. You will enjoy virtual 5-channel surround sound with higher quality and resolution by installing surround speakers at the front. You get more flexibility to arrange your speakers inside the room.

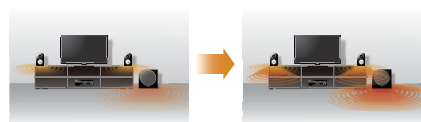


Extra Bass Provides Rich Bass Reproduction, Even with Small Speakers.

Yamaha's exclusive low-range enhancement technology delivers richer bass while maintaining good sound imaging and balance even with compact front speakers. It will also improve the bass sound from a subwoofer.

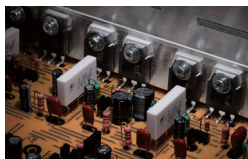
Extra Bass OFF

Extra Bass ON



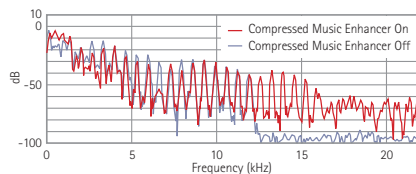
Discrete Amp Configuration for High Clarity Audio Performance

The AV receiver was designed with a strong focus on achieving exceptionally high sound clarity. It employs a discrete amp configuration and a low jitter PLL circuit, which contribute to its excellent audio performance.



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.



Larger HD Audio Compatible Speakers, for Superb Sound

The YHT-1840 consists of larger format satellite speakers (compared to previous model) better suited for HD audio sources to ensure superb music and movie sound.



Advanced Features

4K Ultra HD Full Support with 4K60p, HDR and BT.2020

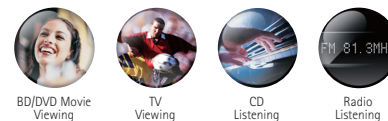
This unit supports HDMI® standards thanks to the transmission of 4K video at 60 frames per second. Fully enjoy the high definition video quality of 4K without degradation. It also supports copyright protection HDCP 2.2 and the wider colour gamut of BT.2020.



Convenient, Eco Functions

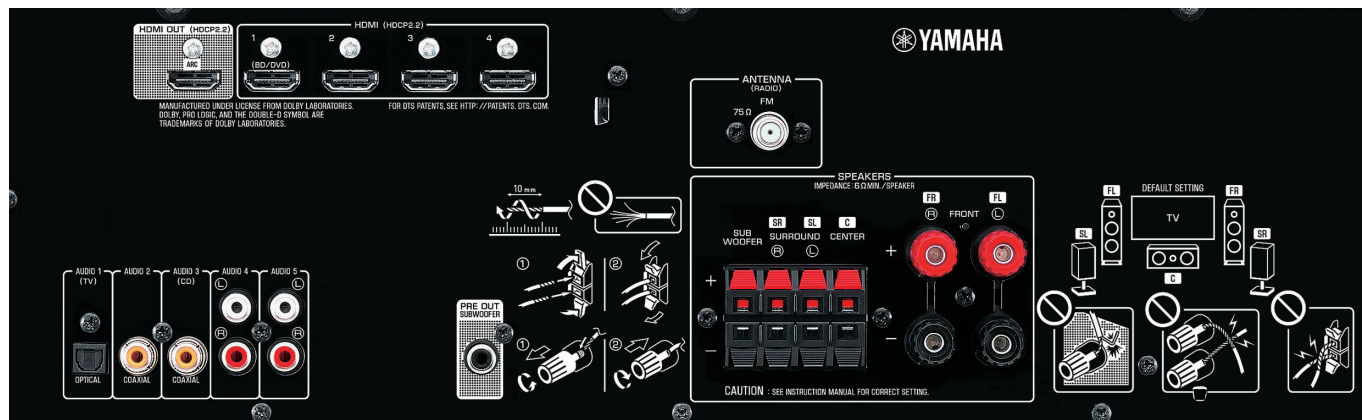
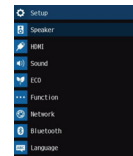
SCENE for Easy One-Touch Operation

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.



OSD with Colour Icons

The YHT-1840 features Yamaha's latest on-screen display, which provides colour icons for quick identification. Menus can be viewed in English, German, French, Spanish, Russian Italian, Japanese or Chinese. In addition, menus can be overlaid over the image.



European Model

• Dolby, Dolby Atmos, Dolby Audio, and the double-D symbol are trademarks of Dolby Laboratories. • For DTS patents, see <http://patents.dts.com>. Manufactured under licence from DTS, Inc. DTS, the Symbol, DTS in combination with the Symbol, DTS:X, and the DTS:X logo are registered trademarks or trademarks of DTS, Inc. in the United States and/or other countries. © DTS, Inc. All Rights Reserved. • HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. • CINEMA DSP is a trademark of Yamaha Corporation. • SILENT CINEMA is a trademark of Yamaha Corporation. • Product designs and specifications are subject to change without notice.

Although care is taken to ensure the accuracy of information presented, some variations may occur. Yamaha Music Australia Pty Ltd reserves the right to correct any errors, omissions or misprints. Errors and omissions excepted.