HT-S9800THX 7.1-Channel Network A/V Receiver/Speaker Package

Enjoy a Multiplex Film Experience at Home

Onkyo’s best-selling THX® Integrated System HTIB has been rebooted to take entertainment to the next level. Inside the carton you’ll find everything needed for a theater-reference experience at home complete with DOLBY ATMOS® and DTS:X™ reproduction. Dual-band Wi-Fi® supports FireConnect™ powered by Blackfire for multi-room music distribution, Chromecast built-in®, and DTS Play-Fi®. Spotify®, AirPlay, and Bluetooth® technology carry wireless music from phone to speakers fast. Exhaustive bench testing, meanwhile, has guaranteed high power and precise speaker control, while premium D/A conversion unlocks Hi-Res Audio using Onkyo Controller to select network files. This intuitive multi-room control app has TIDAL, TuneIn, Deezer, and Pandora® built in. Featuring HDMI® pass-through for Dolby Vision™, HLG (Hybrid Log-Gamma), HDR10, and BT.2020, you can feel confident your D/A conversion unlocks Hi-Res Audio using Onkyo Controller to select network files. This intuitive multi-room control app has TIDAL, TuneIn, Deezer, and Pandora® built in. Featuring HDMI® pass-through for Dolby Vision™, HLG (Hybrid Log-Gamma), HDR10, and BT.2020, you can feel confident your
Certified THX® Integrated System
THX Integrated System guarantees theater-quality sound in an affordable all-in-one package. Certified systems are ideal for smaller spaces where the screen-to-seat viewing distance is about 6–8 ft (1.8–2.4 m) or gaming experience. The HT-S9800THX reprocessor 5.2.2-channel Dolby Atmos or DTS:X™ home theater, object-based soundtracks allows independently mixed sound to play through any speaker in your system, moving above and adding a new dimension of realism.

Dynamic Audio Amplification
The high-current capability of Dynamic Audio Amplification is proven by an ability to drive four-ohm speaker loads, which severely test the strongest amplifiers. Heaps of muscle means serious sound, including the energy to stereo and multichannel sound. In addition, VLSC™ eliminates pulse-noise for optimal playback of quality stereo sources.

THX Integrated System Certified Speakers
This 2-Way speaker package features solid MDF enclosures and A-OMP® woofers (comprising layered polyethylene naphthalate and flexible cotton weave). Included 2-way surround speakers with 5 1/2˝ (14 cm) A-OMP® drivers assure full-scale surround. Front-left sub fitted with a 12˝ (30 cm) cone output. 125 Watts of chest-rumbling bass. All speakers are certified to meet THX Integrated System standards.

Unleash Dolby Atmos or DTS:X™ Home Theater
Object-based soundtracks allow independently mixed sound to play through any speaker in your system, moving above and adding a new dimension of realism.

Onkyo Controller Supports Next Generation Network Audio
Onkyo controller collects streaming services and local network audio into an intuitive app. Control playback, explore services, and distribute audio all over the home via FireConnect™, powered by Blackfire from one interface.

Music Made Easy with Chromecast built-in
Stream any music from your smartphone, tablet, or PC to the HT-S9800THX with ease. Control playback with Chromecast-enabled apps you know and love from your iPhone, iPad, iPod, or Android phone or tablet.

Stream Anything with DTS Play-Fi
DTS Play-Fi is a protocol that works with any audio app on your iOS or Android® phone or tablet, Mac or Windows® laptop, or enabled apps you know and love from your iPhone, iPad, iPod, or Android phone or tablet.

FreqConnect™ Wireless Multi-Room Audio
FreqConnect™ mirrors network audio and external analog sources connected to a master component—from streaming services to vinyl records—on FreqConnect™-compatible speakers in other rooms. Music selection, speaker grouping, and playback management across the home are built into Onkyo controller app for iOS and Android®.

Powering Zone 2
PowerZone 2 speaker outputs let you send amplified network, S/PDIF, and analog audio sources to a pair of speakers in another room. Control playback using Onkyo Controller.

Supports HDR10, Dolby Vision®, BT.2020, and HDCP 2.2
Six rear HDMI inputs and Main Out support pass-through of HDR10 and Dolby Vision, HDR (Hybrid Log-Gamma), and BT.2020; 4K/60 Hz video and HDCP 2.2 for premium video playback. Front HDMI input offers easy connection of a video playback, while Sub Out is ideal for projector connection.

**Note:** Playing audio from external inputs depends on the model and is enabled with a future firmware update. Sampling rates of 44.1 kHz and 48 kHz are supported. FreqConnect™ is a technology based on Blackfire provided by Blackfire Research Corp., USA.

**Specifications**

- **A/V Receiver**
  - **Amplifier Sections**
    - **Power Output:**
      - All Channels: 210 W/CH (6 Ohms, 1 kHz, 10% THD, 1 Channel Driven)
      - 100 W/CH (8 Ohms, 1 kHz, 10% THD)
      - 60 W/CH (16 Ohms, 1 kHz, 10% THD)
      - THD+N (Total Harmonic Distortion and Noise): 0.08% (20 Hz–20 kHz, Half Power)
  - **Input Sensitivity and Impedance:**
    - Video: 0.5 mV/75 Ohms (Line), 0.7 mV/75 Ohms (Phono MM)
    - RCD Output Level and Impedance: 1 V/70 Ohms (Subwoofer Pre Out), 2 V/2.5 k Ohms (Zone Line Out)

- **Frequency Responses:**
  - 10 Hz–100 kHz ±1 dB, ±1 dB (Direct Mode)
  - Tone Control:
    - ±10 dB, 0 Hz (Bass)
    - ±10 dB, 15 kHz (Treble)
  - Signal-to-Noise Ratio: 90 dB (Line, TFD-A), 80 dB (Phono MM)
  - Speaker Impedance: 4 Ohms, 6 Ohms

- **Video Section**
  - **Input HDMI/Output Interface and Impedance:**
    - 1.4V-p-p DC Coupled (Component Y), 0.7V-p-p DC Coupled (Component P, C, Pb, Pr)
  - **Tuner Section**
    - **Tuning Frequency Range:**
      - AM: 530 kHz–1710 kHz
      - FM: 87.5 MHz–107.9 MHz

- **Power Supply**
  - **Rated Output Power:**
    - Subwoofer: 125 W (Minimum Continuous Power, 6 Ohms, 1 kHz, 10% THD)
    - Max. Input Power: 200 W (2.0 Channel, 20 Hz–20 kHz, 1% THD)

- **Dimensions (W x H x D):**
  - Front: 17 1/16˝ x 7 7/8˝ x 6 7/8˝ (439 x 193 x 173 mm)
  - Center: 7 7/8˝ x 7 7/8˝ x 6 11/16˝ (200 x 200 x 171 mm)
  - Surround: 7 7/8˝ x 7 7/8˝ x 6 7/8˝ (200 x 200 x 173 mm)

- **Wt (lbs/kg):**
  - Subwoofer: 77 lbs (35 kg)
  - Front: 11.7 lbs (5.3 kg)
  - Center: 8 lbs (3.6 kg)

- **UPC Code:** 889951008660

- **Carton:**
  - Dimensions (W x H x D): 29 ⅞˝ x 64 ⅞˝ x 60 ⅜˝ (762 x 1646 x 1535 mm)
  - Weight: 138 lbs (63.0 kg)

- **Supplied Accessories:**
  - Indoor FM antenna
  - AM loop antenna
  - Speaker setup microphone
  - Color-coded speaker cables
  - Subwoofer cable
  - CRC spacers
  - Quick Start Guide
  - Basic manual
  - Remote controller
  - AAA (R03) batteries x 2

- **Notes:**
  - Due to a policy of continuous product improvement, Onkyo reserves the right to change specifications and appearance without notice. THX and the THX logos are trademarks of THX Ltd, registered in the US and other countries. Dolby, Dolby Atmos, Dolby Surround, Dolby Vision, and the double-D symbol are trademarks of Dolby Laboratories. For DTS patents, see http://patents.dts.com. DTS is a trademark of DTS, Inc. and is used under license. Six rear HDMI inputs and Main Out support pass-through of HDR10 and Dolby Vision, HDR (Hybrid Log-Gamma), and BT.2020; 4K/60 Hz video and HDCP 2.2 for premium video playback. Front HDMI input offers easy connection of a video playback, while Sub Out is ideal for projector connection.

- **FireConnect™** is a technology based on Blackfire provided by Blackfire Research Corp., USA. Onkyo Controller, Music Optimizer, Theater-Dimensional, VLSC, and AccuEQ are trademarks of Onkyo Corporation. All other trademarks and registered trademarks are the property of their respective holders.

- **http://www.onkyo.com/**

**Certified by THX**

[Images of receiver and speakers]