

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



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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 cinema-reference experience at home complete with Dolby Atmos® and DTS:X® reproduction. Dual-band Wi-Fi® supports FlareConnect™ 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, Tuneln, and Deezer built in. Featuring HDMI® pass-through for Dolby Vision™, HLG (Hybrid Log-Gamma), HDR10, and BT.2020, you can feel confident your investment will serve premium content today and tomorrow. * Requires a firmware update.

HT-R997 7.2-Channel Network A/V Receiver

- THX® Integrated System Delivers Theater-Reference Sound
- 165 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
- Dynamic Audio Amplification with Non-Phase-Shift Circuitry
- VLSC™ Filtering and AKM (AK4458) 384 kHz/32-bit DAC
- Supports 5.2.2-Channel Dolby Atmos Playback and Dolby Surround Upmixing
- DTS:X® Object-based Audio Reproduction and DTS Neural:X™ Upmixing for Legacy Soundtracks
- 7 HDMI Inputs (1 Front*) and 2 Outputs (Main Out, Sub Out**) Supporting Dolby Vision™, HLG (Hybrid Log-Gamma), HDR10, BT.2020, 4K/60 Hz, 3D, Audio Return Channel, DeepColor™, x.v.Color™, LipSync, Dolby Atmos, Dolby® TrueHD, DTS:X, DTS-HD Master Audio™, DSD, DVD-Audio, Super Audio CD (SACD), Multichannel PCM, and CEC
- AccuEQ Room Acoustic Calibration Technology
- Dual-band 5 GHz/2.4 GHz Wi-Fi® for Stable Network Connection
- Ready for Onkyo Controller App Integrated Multi-room Intuitive Operation**
- Features Chromecast built-in** Wireless Audio Streaming Platform
- DTS Play-Fi** Shares Music from Apps to Receiver and Wireless Speakers
- AirPlay Audio Streaming from iTunes and iPad, iPhone, and iPod touch
- Supports Spotify, TIDAL, Tuneln, and Deezer Services**
- FlareConnect™** Multi-room Audio Distribution to Compatible Components and Speakers
- Hi-Res Audio Including DSD 2.8 MHz/5.6 MHz⁶, 192 kHz/24-bit FLAC, WAV, AIFF, and ALAC, and Dolby TrueHD⁷

- Powered Zone 2 Speaker Outputs and Zone 2 Line Output with Dedicated DAC Supporting Network, S/PDIF, and Analog Audio
- Bluetooth® Wireless Technology for Mobiles, Laptops, and PCs (Version 4.1 + LE, Profile: A2DP v1.2, AVRCP v1.3)
- Advanced Music Optimizer Improves Compressed Audio Quality
- DSP Modes for Gaming, Rock, Sports, Action, and RPG
- Theater-Dimensional Virtual Surround Function
- Tone Controls (Bass/Treble) for Front L/R Channels
- 480i De-interlacing (480i to 480p) for Legacy Video Formats
- Powered USB Port (5 V, 1 A) for Audio Playback
- 2 Composite Video Inputs
- 2 Component Video Inputs
- 3 Digital Audio Inputs (2 Optical and 1 Coaxial)
- 6 Analog Audio Inputs, 1 Stereo 3.5 mm Analog Input (Front)
- Phono Input (MM) and Equalizer for Turntable
- 2 Subwoofer Pre-Outs
- 6.35 mm Headphone Jack
- Speaker Posts with Screw Knobs
- Speaker Setup Mic Input and Microphone
- A/V Sync Control (Up to 500 ms in 5 ms Steps at 48 kHz)
- Graphical User Interface with Overlaid On-Screen Display (OSD)
- Economical HDMI Pass-through and Network Standby Functions
- IP Control via LAN for Home Automation Systems
- 3-Mode Display Dimmer (Normal/Dim/Dimmer)
- 40 FM/AM Random Presets
- Full-sized Simple Remote Control

HTP-993

7.1-Channel Home Theater Speaker System

SKF-980

2-Way Acoustic-Suspension Front Speakers

- 12 cm A-OMF Diaphragm Woofer x 2
- 2.5 cm Soft-Dome Tweeter
- Max. Input Power: 130 W
- Magnetically Shielded

SKC-980

2-Way Acoustic-Suspension Center Speaker

- 12 cm A-OMF Diaphragm Woofer x 2
- 2.5 cm Soft-Dome Tweeter
- Max. Input Power: 130 W
- Magnetically Shielded

SKR-980/SKB-980

2-Way Acoustic-Suspension Surround Speakers

- 13 cm A-OMF Diaphragm Woofer
- 2.5 cm Soft-Dome Tweeter
- Max. Input Power: 130 W

Note: All speakers feature an impedance of 8 Ω, color-coded speaker terminals and cable, and wall-mounting capability.

SKW-938

Acoustic-Suspension Powered Subwoofer

- 30 cm Cone
- Rated Output Power: 125 W (Minimum Continuous Power, 6 Ω, 100 Hz, 1%)
- Output Level Control and Auto Standby Function

*1 HDMI Front Input does not support 4K/60p video. *2 HDMI Sub Out does not support ARC or CEC. *3 For iOS and Android™ devices. Please check App Store or Google Play for device and OS requirements. *4 Requires a firmware update. *5 Availability of services may vary with region. Please confirm before purchase. Subscription may also be required. *6 DSD not supported over wireless LAN. *7 Dolby TrueHD playback via USB input only.



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

Certified THX® Integrated System

THX Integrated System guarantees cinema-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 2–3 m. All components within the system are rigorously tested to meet THX standards, delivering the same distortion-free sound volume you experience in a commercial cinema.



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 amplifier. Heaps of muscle means superior control, restoring 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-OMF woofers (comprising layered polyethylene naphthalate and flexible cotton weave). Included 2-way Surround speakers with 13 cm A-OMF drivers assure full-scale surround. Front-firing sub fitted with a 30 cm cone outputs 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 around you for an immersive movie or gaming experience. The HT-S9800THX reproduces 5.2.2-channel Dolby Atmos or DTS:X formats, with the included wall-mountable Surround speakers convincingly reproducing overhead effects.

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 FlareConnect™ from one interface.

Music Made Easy with Chromecast built-in*

Stream any music from your smartphone, laptop, or PC to the HT-S9800THX with ease. Control playback with Chromecast-enabled apps you know and love from your iPhone, iPad, Android™ phone or tablet, Mac or Windows® laptop, or Chromebook™.

Stream Anything with DTS Play-Fi®

DTS Play-Fi is a protocol that works with any audio app on mobiles and PC. Flick whatever's playing to the receiver, even different sources to different components at the same time.

Wi-Fi®, AirPlay®, Spotify®, and Bluetooth®

Selectable 5 GHz/2.4 GHz Wi-Fi® assures a stable connection so you can stream over AirPlay, the Spotify app, and the local network. Bluetooth wireless technology provides simple streaming from your choice of app.

Internet Radio and Streaming Services

TIDAL, Deezer, and Tunes are on board to make selecting from a massive range of music and radio programs using Onkyo Controller very simple.

FlareConnect™ Wireless Multi-room Audio

FlareConnect® shares audio from network and external audio input sources between compatible components. Enjoy effortless multi-room playback of LP records, CDs, network music services, and more with supported components and speaker systems. Music selection, speaker grouping, and playback management across the home are built into the Onkyo Controller** app.



* Sharing audio from external inputs is enabled with a future firmware update. External audio inputs supporting FlareConnect may differ depending on model. Please consult individual product specification for more information. ** Download free from the App Store or Google Play.

Supports HDR10, Dolby Vision™, BT.2020, 4K/60 Hz, and HDCP 2.2

Six rear HDMI® inputs and Main Out support pass-through of HDR10 and Dolby Vision; HLG (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 camera, while Sub Out is ideal for projector connection.



Powered Zone 2

Powered Zone 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.

* Requires a firmware update.

SPECIFICATIONS

A/V RECEIVER

Amplifier Section	
Power Output	All Channels 165 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven)
Dynamic Power	240 W (3 Ω, Front) 210 W (4 Ω, Front) 120 W (8 Ω, Front)
THD+N (Total Harmonic Distortion + Noise)	0.08% (20 Hz–20 kHz, Half Power)
Input Sensitivity and Impedance	200 mV/47 kΩ (Line) 3.5 mV/47 kΩ (Phono MM)
Rated RCA Output Level and Impedance	1 V/470 Ω (Subwoofer Pre-Out) 200 mV/2.3 kΩ (Zone Line Out)
Frequency Response	10 Hz–100 kHz/+1 dB, -3 dB (Direct Mode)
Tone Control	±10 dB, 90 Hz (Bass) ±10 dB, 7.5 kHz (Treble)
Signal-to-Noise Ratio	106 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)
Speaker Impedance	4 Ω–16 Ω

Video Section

Input Sensitivity/Output Level and Impedance	
Video	1.0 Vp-p/75 Ω (Component Y) 0.7 Vp-p/75 Ω (Component Pb/Cb, Pr/Cr) 1.0 Vp-p/75 Ω (Composite)

Tuner Section

Tuning Frequency Range	
FM	87.5 MHz–108 MHz
AM	522 kHz–1.611 MHz 530 kHz–1.710 MHz

FM/AM Preset Memory	40 Stations
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General

Power Supply	AC 220–240 V~, 50/60 Hz
Power Consumption	570 W
No-Sound Power Consumption	60 W
Standby Power Consumption	0.15 W
Dimensions (W x H x D)	435 x 173.5 x 378 mm
Weight	10.0 kg

SPEAKER SYSTEM

Speaker Type	
Front/Center/Surround	2-Way, Acoustic-Suspension
Subwoofer	Acoustic-Suspension, Powered

Drivers	
Front/Center	12 cm A-OMF Diaphragm Woofer x 2 2.5 cm Soft-Dome Tweeter
Surround	13 cm A-OMF Diaphragm Woofer 2.5 cm Soft-Dome Tweeter
Subwoofer	30 cm Cone

Frequency Response	
Front/Center/Surround	50 Hz–45 kHz
Subwoofer	20 Hz–100 Hz

Output Sound Pressure Level	
Front/Center	83 dB/W/m
Surround	81 dB/W/m

Max. Input Power	Front/Center/Surround/Surround Top 130 W
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Rated Output Power	
Subwoofer	125 W (Minimum Continuous Power, 6 Ω, 100 Hz, 1%, IEC)

Nominal Impedance	Front/Center/Surround/Surround Top 8 Ω
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Input Sensitivity/Impedance	
Subwoofer	280 mV/20 kΩ

General

Dimensions (W x H x D)	
Front	158 x 433 x 199 mm
Center	433 x 158 x 199 mm
Surround	200 x 275 x 169 mm
Subwoofer	380 x 444 x 429 mm

Weight	
Front/Center	5.3 kg
Surround	3.5 kg
Subwoofer	15.5 kg

CARTON

Dimensions (W x H x D)	748 x 1125 x 513 mm
Weight	63.0 kg

Supplied Accessories

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

HT-R997



Front View



Rear View

Text on receiver may vary with region.

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