TX-NR575E 7.2-Channel Network A/V Receiver

Entertainment that’s Worth Racing Home For

An object-audio-enabled amp that fits you like a glove, whether you’re a sports fan, music streaming subscriber, or film buff, the TX-NR575E has the front-end tech and high-octane power to thrill. HDR10, Dolby Vision®, and DTS:X™ sound, while Hi-Res Audio playback in DSD and 192/24 formats is available for stereo purists. You can also share network and analog sources to compatible wireless speakers over FireConnect™ powered by Blackfire. Network audio controlled by Android™ and iOS devices.

ADVANCED FEATURES
• Supports S.2.2 Channel Dolby Atmos and DTS:X Playback
• 135 W per Channel
• HDMI 4 In / 1 Out (4K/60 Hz / HDR10 / Dolby Vision™ / HDCP 2.2)
• Dynamic Audio Amplification with 4Ω Speaker-driving Capability
• Supports 384 kHz/32-bit DAC and VLSC™ Filtering for Superior Clarity
• Ready for Chromecast built-in™ and DTS Play-Fi®
• 5 GHz/2.4 GHz Wi-Fi®, AirPlay, Spotify, TIDAL, Deezer, Pandora®, TuneIn®

HIGHLIGHTS
• Supports Hi-Res Audio Including DSD 5.6 MHz/2.8 MHz®, 192 kHz/24-bit FLAC, WAV, AIFF, and ALAC, and Dolby® TrueHD®
• Supports Spotify, TIDAL, Tunes, Pandora, and Deezer Services®
• FireConnect™ Multi-room Distribution of Network and Analog Audio Sources® to Compatible Wireless Speakers
• Powered Zone 2 Speaker Outputs and Zone 2 Line Output with Dedicated DAC Supporting Network and Analog Audio Playback
• Bluetooth® Wireless Technology for Mobiles, Laptops, and PCs (Version 4.1 + LE, Profile: A2DP v1.2, AVRCP v1.3)
• Advanced Music Optimizer Improves Compressed Digital Audio Quality, Including Bluetooth Audio
• 480 Hz De-interlacing (480i to 480p) via HDMI

PROCESSING FEATURES
• 135 W/Ch (6.1, 1 kHz, 1% THD, 1 Channel Driven, IEC)
• Dynamic Audio Amplification System Delivers Thrilling Stereo and Multichannel Performance
• Discrete Output Stage Circuitry for Low Distortion
• High Current Power to Drive Larger Speakers with 4Ω Resistance
• H.C.P.S. (High Current Power Supply) Transformer
• Non-Phase-Shift Amplification Circuitry for Clarity and Detail
• VLSC (Vector Linear Shaping Circuitry) High-frequency Noise Removal (Front L/R Channels)
• PLL (Phase Locked Loop) jitter-Cleaning Circuitry for SPDIF Audio

CONNECTIVITY FEATURES
• 4 HDMI Inputs and 1 Output
• Powered USB Port (5 V, 1 A) for Audio Playback
• 2 Composite Video Inputs
• 3 Digital Audio Inputs (2 Optical and 1 Coaxial)
• 4 Analog Audio Inputs, 1 Stereo Analog Input (3.5 mm, Front)
• Phono Input (MM) and Equalizer for Turntable

OTHER FEATURES
• 40W/Channel into 8 ohms
• 50W/Channel into 4 ohms
• Crossover Adjustment for Each Channel (40Hz/60Hz/80Hz/100Hz/120Hz/150Hz/180Hz/200Hz)
• A/V Sync Control Up to 500 ms in 5 ms Steps at 48 kHz
• Graphical User Interface with On-Screen Display (OSD) via HDMI
• Quick Setup Guide via GUI and Easy Connection Diagram on Rear Panel
• Large Input Selector Buttons
• Economical HDMI Pass-through and Network Standby Functions
• IP Control via LAN for Home Automation Systems
• 3-Mode Display Dimmer (Normal/Dim/Dimmer)
• 40 PHASER Bandwidth

* Requires a future firmware update.
*1 Enabled with a firmware update. FireConnect™ is a technology based on Blackfire Wireless Connection Technology.
*2 Operation via Android™ and iPod touch.
*3 3D Upmixing available in Australia and New Zealand only. *4 Sharing audio from external analog inputs depends on the model and is enabled with a future firmware update.
*5 Sharing audio from external analog inputs from external analog inputs.
*6 Sharing audio from external analog inputs.

- 2017 NEW PRODUCT RELEASE
- Entertainment that’s Worth Racing Home For
- An object-audio-enabled amp that fits you like a glove, whether you’re a sports fan, music streaming subscriber, or film buff, the TX-NR575E has the front-end tech and high-octane power to thrill. HDR10, Dolby Vision®, and DTS:X™ sound, while Hi-Res Audio playback in DSD and 192/24 formats is available for stereo purists. You can also share network and analog sources to compatible wireless speakers over FireConnect™ powered by Blackfire. Network audio controlled by Android™ and iOS devices.
- ADVANCED FEATURES
- HIGHLIGHTS
- PROCESSING FEATURES
- CONNECTIVITY FEATURES
- OTHER FEATURES
Unlock Dolby Atmos® and DTS:X™ Playback
Object-based soundtracks allow independently mixed sound to play through any speaker in your system. Effects move all around as they do in real life, so you experience 5.2.2-channel Dolby Atmos or DTS:X formats as the director intended. DTS Neural:X™ identifies spatial effects in multichannel soundtracks and upmixes for 3D playback, while DTSX offers independent dial volume control for movies. Dolby Surround is also included to upmix legacy multichannel formats for playback in a Dolby Atmos-enabled environment.

FireConnect™ Wireless Multi-room Audio
FireConnect™ mirrors network audio and external analog sources connected to a master component—from streaming services to vinyl records—on FireConnect™-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™.

Internet Radio and Streaming Services
TIDAL, Deezer, and TuneIn are baked into the GUI, making it easy to select from a huge range of music and radio programs using Onkyo Controller.

Onkyo Controller Supports Next Generation Audio App
Onkyo Controller app collects streaming services to vinyl records—on FireConnect™-compatible devices to upmix legacy multichannel formats for playback in a Dolby Atmos-enabled environment.

Powerful Amplification for Dynamic Sound
High current power is proven by the ability to drive four-ohm speaker loads, which will severely test the strongest multichannel amplifier. Heaps of muscle means superior control for improved clarity and transient response, restoring energy to stereo and multichannel sound. Further, VLSC™ eliminates pulse-noise for optimal playback of high-quality stereo sources.

Graphical User Interface with Easy Setup
With your speakers and media players connected, plug in the AccuEQ mic and let the GUI guide you through initial setup, from speaker calibration (including AccuReflex phase correction for Dolby Atmos-enabled speakers) to network connection. The refined interface makes control simple and enjoyable.

Powered Zone 2 and Zone 2 Lineouts
PowerZone 2 speaker outputs let you send amplified network and analog audio sources to a pair of speakers in another room. Line outputs can connect your home cinema network and analog audio sources to a separate hi-fi system. Control playback using Onkyo Controller.

SPECIFICATIONS

Amplifier Section
- Power Output: 135 W/Ohm (6 Ohm, 1 kHz, 1% THD), 1 Channel Drive, (EC)
- Dynamic Power: 160 W (3 Ohm, Front), 125 W (4 Ohm, Front)
- THD+N (Total Harmonic Distortion + Noise): 0.08% (20 Hz–20 kHz, Half Power)
- Damping Factor: Over 49 (Front, 1 kHz, 8 Ohm)
- Input Sensitivity and Impedance: 200 mV/4Ω (Line, 1.0 V/4Ω (EZ))
- Rated RCA Output Level and Impedance: 200 mV/4Ω (Line, 1.0 V/4Ω (EZ))

Tuner Section
- Tuning Frequency Range: FM 87.5 kHz–108 MHz, AM 522 kHz–1,710 kHz
- Frequency Response: 10 Hz–100 kHz (±3 dB) (Direct Mode)
- Tone Control: +10 dB, 50 Hz (Bass) to ±10 dB, 7.5 kHz (Trebble)
- Signal-to-Noise Ratio: 95 dB (Line, IR-A)
- Speaker Impedance: 80–6 Ω (Phones, IR-A)
- Speaker Impedance: 80–6 Ω (Phones, IR-A)

Analog Section
- Analog inputs can connect the Onkyo TX-NR575E to any component in your home's audio system.
- Analog outputs can connect the TX-NR575E to any component or source in your home's audio system.
- The Analog Inputs and Outputs are compatible with any analog source and any analog device.

Wireless Section
- Wi-Fi®, AirPlay, Spotify®, and Bluetooth®
- Selectable 5 GHz/2.4 GHz Wi-Fi assures stable connectivity so you can enjoy smooth streaming over AirPlay, the Spotify app, and the local network. Bluetooth wireless technology also provides quick and wireless streaming from your choice of music application.

**Note:** FireConnect™ is enabled with a firmware update. Sharing audio from external devices to vinyl records—on FireConnect™-compatible devices to upmix legacy multichannel formats for playback in a Dolby Atmos-enabled environment.

Due to a policy of continuous product improvement, Onkyo reserves the right to make changes in its design, specifications, and/or colors at any time without notice. Onkyo, Dolby Atmos, Dolby Surround, Dolby Vision, and the double-D symbol are trademarks of Dolby Laboratories, Inc. For DTS patents, see https://patents.dts.com. Manufactured under license from Dolby Laboratories, Inc. DTS, the Symbol, the DTS logos, DTS Digital Surround, and DTS Dialog Normalization are trademarks of DTS, Inc. Wi-Fi is a registered trademark of the Wi-Fi Alliance. 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.

Copyright © 2017 Onkyo Corporation. All rights reserved.