

TX-NR474 5.1-Channel Network A/V Receiver

BLACK



Amplify Happiness with Tomorrow's Entertainment Today

Built on a high-current amp system that effortlessly drives four-ohm speakers, the TX-NR474 has muscle to boost enjoyment of sound, whether it's music, a movie soundtrack, or the Sunday football. Experience the magic of Dolby Atmos® and DTS:X™ enhancing 4K movies encoded with HDR10 or Dolby Vision™ via compatible Ultra HD Blu-ray Disc™ players thanks to the receiver's 4K HDR pass-through function. You can share network and external analog sources to optional wireless speakers over FireConnect™ powered by Blackfire, while dual-band Wi-Fi® provides stability for Chromecast built-in*, DTS Play-Fi™, AirPlay, and streaming services such as Spotify®. With a slick GUI and Onkyo Controller app, operation is simple. So sit back, relax, and let the sound of happiness wash over you. * Firmware update required.

HIGHLIGHTS

- Supports 3.1.2-Channel Dolby Atmos®¹ and DTS:X™
- 135 W per Channel
- HDMI® 4 In / 1 Out (4K/60 Hz / HDR10 / Dolby Vision™ / HDCP 2.2)
- 4 Ω Speaker Driving Capability
- 5 GHz/2.4 GHz Wi-Fi®, Chromecast built-in¹, DTS Play-Fi®¹, and AirPlay
- FireConnect™¹ Wireless Multi-room Distribution

ADVANCED FEATURES

- HDMI® Terminals Supporting HDR10, Dolby Vision, BT.2020, 4K/60 Hz, and HDCP 2.2
- Supports 3.1.2-Channel Dolby Atmos®¹ Playback and Dolby Surround Upmixing
- Surround Enhancer¹ Mode Replicates 5.1.2-Channel Dolby Atmos Playback with Virtual Surround-field Creation
- DTS:X Object-based Audio Reproduction and DTS Neural:X™ 3D Upmixing
- Stable Dual-band 5 GHz/2.4 GHz Wi-Fi® Connectivity
- Features Chromecast built-in¹ Wireless Audio Casting Technology
- FireConnect™¹ Multi-room Distribution of Network Audio to Wireless Speakers
- Ready for Onkyo Controller² App Integrated Multi-room Intuitive Operation
- DTS Play-Fi®¹ Shares Music from Apps to Receiver and Wireless Speakers
- AirPlay Audio Streaming from iTunes and iPad, iPhone, iPod touch
- Bluetooth® Wireless Technology for Mobiles, Laptops, and PCs (Version 2.1 + EDR, Profile: A2DP AVRCP)

- Pandora³, Spotify®, TIDAL⁴, Tuneln⁴, and Deezer^{3,4}
 - AccuEQ Room Acoustic Calibration with AccuReflex Phase Alignment Technology for Dolby-enabled Speakers
 - Advanced Music Optimizer to Improve Compressed Digital Audio Quality, Including Bluetooth Audio
 - 480i De-interlacing (480i to 480p) via HDMI
- *1 Requires future firmware update. *2 For iOS and Android™ devices. Check App Store or Google Play™ for OS and device requirements. *3 Available in Australia and New Zealand. *4 Availability of services may vary with region. Please confirm before purchase. Subscription may also be required.

AMPLIFIER FEATURES

- 135 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
- High Current Amplification System for Thrilling Stereo and Multichannel Performance
- H.C.P.S. (High Current Power Supply) Transformer
- Discrete Output Stage Circuitry for Low Distortion
- Non-Phase-Shift Amplification Circuitry for Clarity and Detail
- High Current Power to Drive Larger Speakers with 4 Ω Resistance
- PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology for S/PDIF Audio

PROCESSING FEATURES

- Decodes Dolby Atmos® (3.1.2 Channels) and DTS:X Formats
- HDMI Support for 4K/60 Hz, HDR10, Dolby Vision, 3D, Audio Return Channel, DeepColor™, x.v.Color™, LipSync, Dolby Atmos®¹, Dolby® TrueHD, DTS-HD Master Audio™, DSD, DVD-Audio, Super Audio CD (SACD), Multichannel PCM, and CEC
- Dolby TrueHD and DTS-HD Master Audio™ Decoding
- AKM (AK4438) 384 kHz/32-bit Multichannel DAC
- 32-bit Digital Signal Processing
- DSP Modes for Gaming: Rock, Sports, Action, and RPG
- Theater-Dimensional Virtual Surround Function

- Pure Audio Mode with Easy Front Panel Button
- Front Panel Tone Controls (Bass/Treble) for Front L/R Channels

* Requires firmware update.

CONNECTION FEATURES

- 4 HDMI Inputs and 1 Output
- Powered Rear USB Port (5 V, 1 A)
- 2 Composite Video Inputs
- 3 Digital Audio Inputs (2 Optical and 1 Coaxial)
- 3 Analog Audio Inputs, 1 Stereo Analog Input (3.5 mm, Front)
- Subwoofer Pre-Out
- Headphone Jack (6.35 mm, Front)
- Speaker Posts with Screw Knobs
- Speaker Setup Mic Input (Front)

OTHER FEATURES

- Playback of USB Audio
- Crossover Adjustment for Each Channel (40/50/60/70/80/90/100/120/150/180/200 Hz)
- A/V Sync Control (Up to 500 ms in 5 ms Steps at 48 kHz)
- Graphical User Interface with Overlaid On-Screen Display (OSD) via HDMI
- Quick Setup Guide via GUI and Easy Connection Diagram on Rear Panel
- Large Input Buttons and Easy Sound Program Selection via Front Panel
- 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

TX-NR474 5.1-Channel Network A/V Receiver

Unlock Dolby Atmos® and DTS:X™ Playback

Object-based mixing lets sounds play through any speaker independently. Effects move above and around you as in real life. Enjoy movies and games with 3.1.2-channel Dolby Atmos® sound, and DTS:X through any speaker layout, and discover a new sonic dimension.



Surround Enhancer® Mode

Based on technology developed by Dolby Laboratories, Inc., Surround Enhancer Mode augments the object-based soundfield with virtual channels that emulate a 5.1.2-channel Dolby Atmos experience as delivered by a comparable 7.1-channel receiver. With Surround Enhancer Mode, you can enjoy a 5.1.2-channel 3D soundfield easily without need of rear speakers.

Music Made Easy with Chromecast built-in®

Stream any music from your smartphone, laptop, or PC to the TX-NR474 with ease. Control playback from 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 wireless protocol that works with any app and smart device. Flick whatever's playing to your home cinema, even different sources to different speakers at the same time.



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 simple wireless streaming from your choice of music application.



Internet Radio and Streaming Services

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



FireConnect™ Wireless Multi-room Audio

FireConnect™ mirrors network audio and external analog sources connected to 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™.



Note: FireConnect™ is enabled with a firmware update. Sharing 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. FireConnect™ is a technology based on Blackfire provided by Blackfire Research Corp., USA.

Onkyo Controller Supports Next Generation Network Audio

Onkyo Controller collects streaming services and network-attached audio into an intuitive smartphone app. Control playback, explore services, and distribute audio all over the home via FireConnect™ from one easy interface. Alternatively, you can use familiar music apps now supported within this next-generation network ecosystem.



Powerful Amplification for Dynamic Sound

High current power is proven by the TX-NR474's ability to drive four-ohm speaker loads, which will severely test the strongest amp. Heaps of muscle means superior control for outstanding clarity and transient response, restoring energy to music and the surround-sound experience.

Supports 4K HDR and BT.2020 Video Pass-through

Connect up to four media players to the receiver's HDCP 2.2-compliant HDMI® inputs. The terminals support pass-through of 4K/60 Hz video in HDR10 or Dolby Vision™** formats, as well as BT.2020 4K video standard. Enjoy premium 4K Ultra HD content untouched from source to screen.



Graphical Interface with Easy Setup

With your speakers and media players connected, plug in the AccuEQ mic and let the intuitive GUI guide you through initial setup, from speaker calibration to network connection. The interface eliminates frustration and makes everyday control simple and enjoyable.

* Requires a future firmware update.

SPECIFICATIONS

Amplifier Section

Power Output	
All Channels	135 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC)
Dynamic Power	
	160 W (3 Ω, Front)
	125 W (4 Ω, Front)
	85 W (8 Ω, Front)
THD+N (Total Harmonic Distortion + Noise)	
	0.08% (20 Hz–20 kHz, Half Power)
Damping Factor	
	Over 49 (Front, 1 kHz, 8 Ω)
Input Sensitivity and Impedance	
	200 mV/47 kΩ (Line)
Rated RCA Output Level and Impedance	
	1 V/470 Ω (Subwoofer Pre 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)
Speaker Impedance	
	4 Ω–16 Ω

Video Section

Input Sensitivity/Output Level and Impedance	
Video	1.0 Vp-p/75 Ω (Composite)

Tuner Section

Tuning Frequency Range	
FM	87.5 MHz–108 MHz
AM	522 kHz–1,611 kHz
	530 kHz–1,710 kHz
FM/AM Preset Memory	
	40 Stations

General

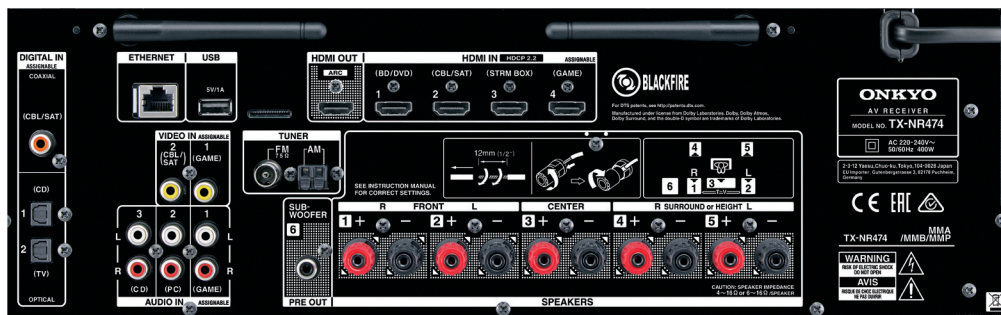
Power Supply	AC 220–240 V~, 50/60 Hz
Power Consumption	400 W
No-Sound Power Consumption	40 W
Standby Power Consumption	0.15 W
Dimensions (W x H x D)	435 x 160 x 328 mm
Weight	8.6 kg

CARTON

Dimensions (W x H x D)	539 x 244 x 400 mm
Weight	11.0 kg

Supplied Accessories

- Indoor FM antenna • AM loop antenna
- Speaker setup microphone • Quick Start Guide • Basic Manual
- Remote controller • AAA (R03) batteries x 2



* Text on receiver may vary with region.

Due to a policy of continuous product improvement, Onkyo reserves the right to change specifications and appearance without notice. 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>. Manufactured under license from DTS Licensing Limited. DTS, the Symbol, DTS and the Symbol together, DTS:X, the DTS:X logo, Play-Fi, and the Play-Fi logo are registered trademarks or trademarks of DTS, Inc. © DTS, Inc. All Rights Reserved. The terms 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. The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. AirPlay, iPad, iPhone, iPod, iPod touch, iTunes, and Mac are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. "Made for iPod," "Made for iPhone" and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, 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 or iPad may affect wireless performance. AirPlay works with iPhone, iPad, and iPod touch with iOS 4.3.3 or later; Mac with OS X Mountain Lion or later; and PC with iTunes 10.2.2 or later. Android, Google Play and Chromecast are trademarks of Google Inc. Wi-Fi® is a registered trademark of the Wi-Fi Alliance. The Wi-Fi CERTIFIED logo is a certification mark of the Wi-Fi Alliance. Spotify and the Spotify logo are trademarks of the Spotify Group, registered in the U.S. and other countries. Products displaying the Hi-Res Audio logo conform to the Hi-Res Audio standard as defined by Japan Audio Society. The Hi-Res Audio logo is used under license from Japan Audio Society. FireConnect™ is a technology based on Blackfire provided by Blackfire Research Corp., USA. Onkyo Controller, Music Optimizer, Theater-Dimensional, and AccuEQ are trademarks of Onkyo Corporation. All other trademarks and registered trademarks are the property of their respective holders.