ONKYO

TX-NR555 7.2-Channel Network A/V Receiver

BLACK SILVER

Next Generation Network Audio

* Image after DTS:X firmware update.

DOLBY ATMOS · dts:X · HDCP 2.2 · Hi-Res AUDIO · WiFi CERTIFIED · Bluetooth · Spotify · TIDAL · Chromecast built-in

DEEZER · tunein · pandora · VLSC · Dynamic Audio Amplification · 384kHz/32bit · AccuEQ ROOM CALIBRATION · FireConnect Powered by BLACKFIRE

ONKYO · AirPlay · Made for iPod iPhone iPad
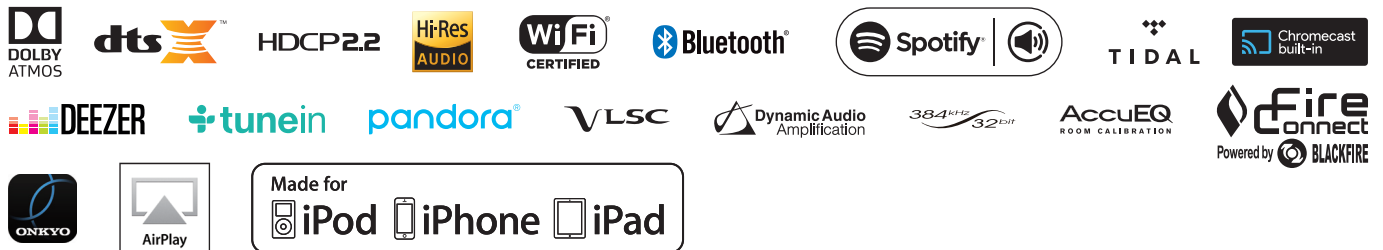
Thrilling Entertainment in the Living Room and Beyond

Get tomorrow's features today with original high-current amplification in the value-packed TX-NR555 Network A/V Receiver. This smart hub supports Dolby Atmos® and DTS:X™ enhanced with AccuReflex phase-calibration technology for crystal-clear object-based sound, and also includes the latest HDMI® spec for 6G video. Stream from app to cinema via Chromecast built-in*, Wi-Fi®, or AirPlay and let the 384 kHz/32-bit DAC work its magic on everything from MP3s to 192/24 Hi-Res Audio. You can send network sources and audio from external analog inputs to supported network speakers in other rooms, complete with smartphone control, via FireConnect™* powered by Blackfire. But most importantly, big movie sound is amazing thanks to discrete high-current amps that drive speakers effortlessly. So sit back and enjoy the best next-generation entertainment has to offer. ** Enabled with a firmware update.*

HIGHLIGHTS

• DTS:X™ and Dolby Atmos® up to 5.1.2 Channels
• 130 W per Channel (IEC)
• Wireless Audio Streaming with Chromecast built-in*[1] and AirPlay
• HDMI® 6 In / 1 Out (4K/60 Hz / HDCP 2.2 / HDR)
• Dynamic Audio Amplification for Realistic Sound
• AccuEQ Room Calibration with AccuReflex Technology
• FireConnect™*[2] Multi-Room Technology
• *Bluetooth*® Audio / Wi-Fi® with Spotify®, TIDAL, and AirPlay
• 384 kHz/32-bit Hi-Grade DAC

ADVANCED FEATURES

• 4K/60 Hz-Capable HDMI Terminals for Ultra HD Entertainment
• Built-in Wi-Fi Certified Wireless LAN Capability
• *Bluetooth* Version 2.1 + EDR Capability (Compatible Profile: A2DP v1.2, AVRCP v1.3) with Advanced Music Optimizer DSP Technology
• Internet Radio and Music Streaming Subscription Services Included (TuneIn Radio, Pandora®, Spotify, Tidal and Deezer)*[3]
• AirPlay Compatible
• Play Compressed, Lossless, and Hi-Res Audio via Local Network (MP3, WMA, WMA Lossless, FLAC, WAV, AAC, Apple Lossless, DSD 5.6 MHz)
• Network and Analog Audio Transmission to Optional Wireless Speakers via FireConnect™ Technology
• AccuEQ Room Calibration Featuring AccuReflex Technology for Seamless Object-based Sound from Compatible Speakers (Mic Included)

• Advanced Music Optimizer to Improve Compressed Digital Audio Quality (*Bluetooth* Audio Included)
• Control and Stream with Free Onkyo Controller*[4] App for iPod touch/iPhone and Android™ Devices
• Powered Zone 2 and Zone 2 Line Out for Distributed Analog/Digital Audio Playback in Another Room

AMPLIFIER FEATURES

• 130 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC); 160 W/Ch (6 Ω, 1 kHz, 10% THD, 1 Channel Driven, JEITA)
• Dynamic Audio Amplification for a Thrilling Audio Experience
• H.C.P.S. (High Current Power Supply) Massive High Power Transformer
• High Current Amp Design to Effectively Drive the Speakers
• Non-Phase Shift Amp Circuits for Realistic Imaging
• VLSC™ for a Clear Audio Experience
• PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology for S/PDIF Audio
• Optimum Gain Volume Control

PROCESSING FEATURES

• DTS: X and Dolby Atmos Decoding
• HDMI Support for 4K/60 Hz, 3D, Audio Return Channel, DeepColor™, x.v.Color™, LipSync, Dolby Atmos, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
• Dolby TrueHD and DTS-HD Master Audio Decoding
• AK4458 384 kHz/32-bit DAC (8 Channels x 1)
• Advanced 32-bit DSP Chip
• 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG
• Theater-Dimensional Virtual Surround Function
• CinemaFILTER™
• Direct Mode
• Double Bass Function

CONNECTION FEATURES

• 6 HDMI Inputs and 1 Output
• USB 2.0 Port
• Mass Storage Class USB Memory Playback Capability
• 2 Component Video Inputs (Rear)
• 2 Composite Video Inputs (Rear)
• 3 Digital Audio Inputs (2 Optical and 1 Coaxial)
• 8 Analog Audio Inputs (1 Front*/7 Rear)
• Phono Input for Turntable Connection
• 2 Parallel Subwoofer Pre-Outs
• Banana Plug-Compatible Speaker Posts
• Headphone Jack
* 3.5mm pin jack type.

OTHER FEATURES

• 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)
• Overlaid On-Screen Display (OSD) via HDMI with Quick Set-Up
• Hybrid Standby Function with HDMI Passthrough to Reduce Power Consumption
• Quick Configuration Rear Panel
• Tone Control (Bass/Treble) for Front L/R Channels
• 3-Mode Display Dimmer (Normal/Dim/Dimmer)
• 40 FM/AM Random Presets
• Firmware Updates via Ethernet and USB
• RIHD (Remote Interactive Over HDMI) for System Control
• Simple Remote Control

*1 Enabled with a firmware update. *2 Enabled with a firmware update. FireConnect™ is a technology based on Blackfire provided by Blackfire Research Corp., USA. Sampling rates of 44.1 kHz and 48 kHz are supported. *3 Availability of services depends on region. Some services may require a paid subscription and firmware update. Availability of third-party services advertised here is accurate at the time of publication, but may be subject to change without notice. *4 For iOS and Android™ devices. Please check App Store or Google Play™ for device and OS requirements.

TX-NR555 *7.2-Channel Network A/V Receiver*

DTS:X™ and Dolby Atmos® Ready

Discover the best in object-based surround-sound with Dolby Atmos® and DTS:X™. Free from the traditional channel-based audio bed, sound flows above and around you in three dimensions for a movie and gaming experience that will take your breath away.
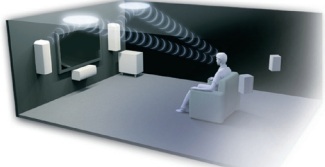
Wireless Audio Playback with Chromecast built-in* and AirPlay

TX-NR555, now with Chromecast built-in and AirPlay, frees your music from your smartphone. You can stream your music stored in your phone or using Chromecast built-in / AirPlay compatible apps.

* Chromecast built-in enabled via firmware update.

Bluetooth® Audio / Wi-Fi® with Spotify® and TIDAL*

In addition to Chromecast built-in and AirPlay, stream virtually any audio from your smartphone, tablet, or PC to your home cinema for clear and powerful sound. Available internet radio and music subscription services include Pandora®, Spotify and more.

* Support for some services including TIDAL and Deezer enabled via firmware update.

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. TX-NR555 does not support wireless transmission of signals from external inputs. Sampling rates of 44.1 kHz and 48 kHz are supported. FireConnect™ is a technology based on Blackfire provided by Blackfire Research Corp., USA.

HDMI® 6 In / 1 Out (HDCP 2.2 / HDR)

Select HDMI terminals support 4K/60 Hz, as well as HDCP 2.2 and HDR for next-generation Ultra HD streaming and broadcasting.

4K UltraHD HDCP 2.2 / HDR

## Dynamic Audio Amplification for Clear and Realistic Sound

Power your speakers like never before with Onkyo's Dynamic Audio Amplification. Sound comes alive thanks to accurate, noise-free signal processing and hi-current power that dynamically controls your speakers for precise, authentic audio reproduction.
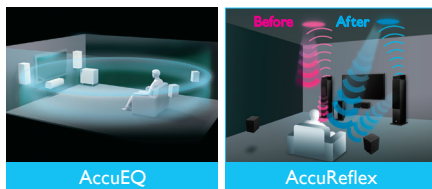
Dynamic Audio Amplification

384 kHz/32-bit Hi-Grade DAC

A premium-quality AK4458 digital-to-analog converter from AKM unlocks the full potential of any audio format with unique low-distortion filtering technologies for clear sound.
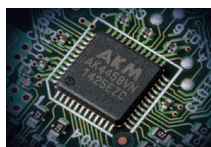
AccuEQ Calibration Featuring AccuReflex Technology

AccuEQ equalizes the surround-sound to suit the room acoustics for crisply focused sound, while AccuReflex aligns the phase of Dolby Atmos-enabled speakers with the sound coming from your other speakers. Any delay is resolved so that everything arrives at your ears at the same time. The result is cohesive reproduction of object-based soundtracks.

AccuEQ

AccuReflex

SPECIFICATIONS

Amplifier Section

Power Output	
All Channels	130 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC) 160 W/Ch (6 Ω, 1 kHz, 10% THD, 1 Channel Driven, JEITA)
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)
Input Sensitivity and Impedance	200 mV/47 kΩ (Line) 3.5 mV/47 kΩ (Phono)
Rated RCA Output Level and Impedance	200 mV/2.3 kΩ (Zone 2 Line Out) 1 V/470 Ω (Subwoofer Pre Out)
Phono Overload	70 mV (MM, 1 kHz, 0.5%)
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, IHF-A)
Speaker Impedance	6 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)
Component Video Frequency Response	+0 dB, -3 dB

Tuner Section

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

General

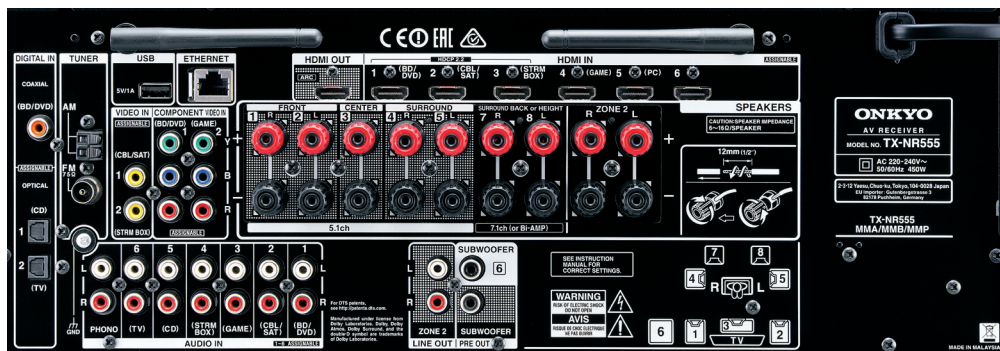|	
Power Supply	AC 220–240 V~, 50/60 Hz
Power Consumption	450 W
Standby Power Consumption	0.15 W
Dimensions (W x H x D)	435 × 173.5 × 378 mm
Weight	9.6 kg

CARTON

Dimensions (W x H x D)	570 × 288 × 468 mm
Weight	12.5 kg

Supplied Accessories

- Indoor FM antenna • AM loop antenna
- Speaker setup microphone • Instruction manual
- Remote controller • AAA (R03) batteries* x 2

*Not included with Chinese model

Text on receiver may vary with region.

ONKYO® http://www.onkyo.com/