

# TX-NR929 9.2-Channel Network A/V Receiver

BLACK | SILVER



## Premium Nine-Channel Entertainment is Now Within Reach

Positioned between Onkyo's flagship products and the seven-channel mid-range, the affordable TX-NR929 Network A/V Receiver comes loaded with technology to transform your home into high-resolution heaven. The bounty includes inbuilt Wi-Fi for app-controllable network audio streaming, Bluetooth wireless audio technology, and an expanded selection of online streaming services. Add speakers in two other rooms to distribute music throughout your home, or take advantage of the extra HDMI® output to enjoy HD content on a second display. This heavyweight THX® Select2 Plus™ powerhouse has the features to make movie night an unforgettable event, with premium Audyssey MultEQ® XT32 equalization, DTS Neo:X™ upmixing to 11.1 channels (just add a stereo power amp), and universal app control across all three powered zones. With a total of nine 4K-ready HDMI inputs including the frontside MHL™, 4K video upscaling, and a deep reservoir of amplification power to draw upon, this receiver is ready to unveil the full potential of your favorite media.

### ADVANCED FEATURES

- THX® Select2 Plus™ Certified
- 4K Passthrough and Upscaling from Source Devices via HDMI®
- Built-in Wi-Fi-Certified Wireless LAN Capability
- Onboard Bluetooth Audio Streaming Technology
- Three-Stage Inverted Darlington Circuitry on All Channels
- HDMI Video Upscaling to 4K with Qdeo™ Technology by Marvell
- ISF (Imaging Science Foundation) Image Calibration for Assignable Video Inputs
- Zone 2 HDMI Output for HD Video in a Second Room
- MHL™ (Mobile High-Definition Link) for 1080p Smartphone Media on HDTV
- Internet Radio and Music Streaming Service Connectivity (TuneIn Radio, Last.fm, Spotify, AUPEO!, and Simfy)<sup>\*1</sup>
- Playback of Audio Files Over the Wireless Home Network (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, Apple Lossless, DSD, LPCM<sup>\*\*</sup>, and Dolby® TrueHD)
- Supports Onkyo Remote Apps for iPod touch/iPhone<sup>3</sup> and Android Devices<sup>\*\*</sup> for Housewide System Control
- Whole House Mode for Synchronized Housewide Audio
- DTS Neo:X™, Audyssey DSX®, Dolby® Pro Logic® IIz Upmixing
- Audyssey MultEQ® XT32 Room Acoustic Correction
- Powered Zone 2 and Zone 3, and Zone 2/3 Line-Outs for Housewide Audio Distribution
- Digital Processing Crossover Network for Optimal Bi-Amping
- 11.2 Multichannel Pre-Outs
- Picture-in-Picture Video Preview with InstaPrevue™ Technology
- Phase-Matching Bass Boost

<sup>\*1</sup> Availability of services depends on region. Some services may require a subscription and a firmware update. <sup>\*2</sup> LPCM playback via DLNA only <sup>\*3</sup> Compatible with iPod touch (3rd generation or later) and iPhone 3GS or later. All models require iOS 4.2 or later. <sup>\*4</sup> Requires Android OS 2.1 or later.

### AMPLIFIER FEATURES

- 185 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC); 230 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA)
- WRAT (Wide Range Amplifier Technology)
- H.C.P.S. (High Current Power Supply) Massive High Power Transformer
- Discrete Output Stage Circuitry
- Optimum Gain Volume Circuitry
- PLL (Phase Locked Loop) Jitter-Cleaning Circuit Technology

### PROCESSING FEATURES

- HDMI Support for 3D, 4K, Audio Return Channel, DeepColor™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- TI Burr-Brown 192 kHz/24-Bit 8-Channel DAC (x1), TI Burr-Brown 192 kHz/24-Bit 2-Channel DAC (x2)
- Differential DAC Mode (Front Channels)
- Advanced 32-Bit Processing DSP Chip
- 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG
- Advanced Music Optimizer for Compressed Digital Music Files
- Theater-Dimensional Virtual Surround Function
- Direct Mode and Pure Audio Mode
- Double Bass Function
- Non-Scaling Configuration
- A-Form Listening Mode Memory

### CONNECTION FEATURES

- 9 HDMI Inputs (1 Front/8 Rear) and 2 Outputs
- 1 USB Port (Front)
- Mass Storage Class USB Memory Playback
- 2 Component Video Inputs and 1 Output

### OTHER FEATURES

- 5 Composite Video Inputs and 1 Output
- 6 Digital Audio Inputs (3 Optical and 3 Coaxial)
- 7 Analog Audio Inputs (1 Front/6 Rear)
- Phono Input for Turntable Connection
- RS232 Port
- Analog RGB Video Input (D-sub, 15 pin) for PC
- IR Input/Output and 12V Trigger Outs (Zone 2/Zone 3)
- Color-Coded, Banana Plug-Compatible Speaker Posts
- Headphone Jack
- Audyssey Dynamic EQ® for Loudness Correction
- Audyssey Dynamic Volume® Listening Level Adjustment
- Overlaid On-Screen Display (OSD) with Quick Set-Up and Home Menu
- Independent Crossover Adjustment for Each Channel (40/50/60/70/80/90/100/120/150/200 Hz)
- A/V Sync Control (Up to 800 ms in 5 ms Steps)
- Tone Control (Bass/Treble) for Front L/R Channels
- Display Dimmer (Normal/Dim/Dimmer, Volume Knob LED: On/Off)
- RDS (PS/RT/PTY/TP) (European Model Only)
- 40 FM/AM Random Presets
- Certified with DLNA Version 1.5
- Firmware Updates via Network and USB
- Aluminum Front Panel and Volume Control Knob
- Compatible with RI Dock for iPod/iPhone and AirPlay (DS-A5)
- RIHD (Remote Interactive over HDMI) for System Control
- Bi-Directional, Preprogrammed, and Customizable RI Remote Control with Macro Presets for Four Activities

<sup>\*\*</sup>Note: Volume knob LED is always off when display is dimmed

# TX-NR929 9.2-Channel Network A/V Receiver

## THX® Select2 Plus™ for Cinema-Reference Sound

To be awarded THX Select2 Plus certification—the most rigorous performance benchmark for this type of product—the A/V receiver must play at cinema reference volume levels with minimal distortion. Select2 Plus is specified for screen-to-seat distances of three to four meters and room volumes of about 56 cubic meters.

## Onboard Wi-Fi and Bluetooth Streaming Technology

The TX-NR929 connects to the wireless home network without LAN cables or adapters. Send a range of hi-res, lossless, and compressed files to your home cinema from smartphone, PC, tablet, NAS, and online sources using our remote control app. Or pair devices for quality wireless streaming using the built-in Bluetooth technology.

## Music Streaming and Internet Radio Services

The TX-NR929 comes preloaded with popular music streaming and internet radio services including Spotify, Last.fm, and TuneIn Radio. They're easily selectable using the receiver's GUI or the remote control app. Explore more than 10,000 radio stations and enjoy albums and playlists with reference-level sound.

*Note: Availability of services depends on region. Some services may require a subscription and a firmware update. Availability of services advertised here is accurate at the time of publication, but may be subject to change without notice.*

## HDMI® for High-Resolution Playback

The TX-NR929 features nine HDMI inputs to accept hi-res content from your media players and gaming consoles. HDMI enables Dolby® TrueHD and DTS-HD Master Audio™ audio formats, and supports 3D video. Two HDMI outputs are included for high-definition video in two separate zones.

## Supports 4K Video Content

With 4K televisions, media players, and projectors hitting the market, it's reassuring to know your A/V receiver is compatible with this new technology. Passthrough of native 4K from source devices to an appropriate display is fully supported.

## 4K Video Upscaling via Qdeo™ Technology

The TX-NR929 uses class-leading Qdeo technology from Marvell to upscale standard video sources to brilliantly smooth 1080p (for regular HDTVs) and to an incredible 4K on compatible displays.

## MHL™ for Mobile Phones and Tablets

A frontside HDMI/MHL terminal is included to connect smartphones and other electronic devices. MHL allows you to display 1080p video and other media on your HDTV with 7.1-channel surround sound.

## Quick and Easy Remote App Control

Remote apps for iPhone and Android devices offer a convenient way to control your household entertainment from anywhere within wireless range. The app offers a clear interface for managing content and settings across multiple zones.

## Hassle-Free Video Switching

Switching between games, movies, and cable TV should be easy. InstaPrevue™ technology names your HDMI devices and displays video thumbnails of available content. Now you can switch sources without having to remember what device is connected where.

## Overlaid Menus for Quick Adjustments

Touch the Quick Set-Up button on your remote to overlay menus in-program. You can now access useful settings without interruption to your viewing. The Home Menu, meanwhile, offers simple icons for choosing a media source, and for more detailed system adjustment.

## Onkyo Premium Hi-Fi Sound

Onkyo's WRAT (Wide Range Amp Technology) includes low-negative-feedback amplifiers for punchy, true-to-life sound; closed ground-loop circuits to reduce noise; and high instantaneous current to handle big dynamic gains. With its sophisticated control technology and discrete output stage, Three-Stage Inverted Darlington Circuitry is designed for high-energy output and very low distortion.

## Three High Performance Sound Expansion Systems

Audyssey DSX®, Dolby® Pro Logic® IIz, and DTS Neo:X™ expansion systems allow you to choose your preferred speaker setup. Audyssey DSX expands 5.1-channel sources to incorporate Wide or Height channels. Pro Logic IIz adds Height channels with stereo source expansion, while DTS Neo:X offers Wides and Heights and supports 11.1-channel upmixing with the addition of an outboard stereo amp.

## Audyssey MultEQ® XT32

Audyssey's top-flight room correction suite equalizes the sound to suit the acoustics of your listening space. High-res filters are applied to all channels—including subwoofers—based on information collected from more than 10,000 individual control points across eight measurement positions.

## High-Definition Video in Two Rooms

Now there's a way to enjoy your hi-def content on a second TV without having to purchase another Blu-ray player or set-top box. Connect your additional display using the receiver's Zone 2 HDMI output to enjoy the same program, or two different HD sources, in both rooms.

## App-Controllable Multi-Zone Audio

This receiver features Powered Zone 2 and Powered Zone 3 outputs. You can assign surround channels to power audio in two additional rooms equipped with speakers while preserving a 5.2-channel setup in your cinema room. Content is managed via remote app, allowing you to play the same song in all zones using Whole House Mode, or to enjoy a different track in every room.

## Digital Processing Crossover Network

Should you wish to bi-amp your front speakers, our onboard digital crossover system precisely separates high and low frequencies into two discrete signals and sends them to the appropriate drivers. Used in conjunction with conventional speakers, or with channel-divider-type speakers (which do not contain crossovers), the sophisticated DSP technology reduces frequency overlap at the crossover point for noticeably clearer sound.

## Phase-Matching Bass Enhancement

Onkyo's PM Bass optimizes low frequencies while preserving mid-range clarity. It counters phase shifting (which can affect sound quality) by synchronizing frequency timing. The result is deep, well-defined bass that won't overwhelm vocals or strings.

## SPECIFICATIONS

### Amplifier Section

<b>Power Output</b>	All Channels 185 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC) 230 W/Ch (6 Ω, 1 kHz, 1 Channel Driven, JEITA)
<b>Dynamic Power</b>	300 W (3 Ω Front) 250 W (4 Ω Front) 150 W (8 Ω Front)
<b>THD+N (Total Harmonic Distortion + Noise)</b>	0.08% (20 Hz–20 kHz, Rated Power)
<b>Damping Factor</b>	60 (Front, 1 kHz, 8 Ω)
<b>Input Sensitivity and Impedance</b>	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)
<b>Rated RCA Output Level and Impedance</b>	200 mV/470 Ω (Line Out)
<b>Maximum RCA Output Level and Impedance</b>	4.6 V/470 Ω (Line Out)
<b>Phono Overload</b>	70 mV (MM, 1 kHz, 0.5%)
<b>Frequency Response</b>	5 Hz–100 kHz/+1 dB, -3 dB (Direct Mode)
<b>Tone Control</b>	±10 dB, 50 kHz (Bass) ±10 dB, 20 kHz (Treble)
<b>Signal-to-Noise Ratio</b>	110 dB (Line, IHF-A) 80 dB (Phono MM, IHF-A)
<b>Speaker Impedance</b>	4 Ω – 16 Ω or 6 Ω – 16 Ω

### Video Section

<b>Input Sensitivity/Output Level and Impedance</b>	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)
<b>Component Video Frequency Response</b>	5 Hz–100 MHz/+0 dB, -3 dB

### Tuner Section

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

### General

<b>Power Supply</b>	AC 220–240 V~, 50/60 Hz
<b>Power Consumption</b>	870 W
<b>No-Sound Power Consumption</b>	120 W
<b>Standby Power Consumption</b>	0.15 W
<b>Dimensions (W x H x D)</b>	435 x 198.5 x 437.5 mm (Height 260.3 mm with antennas raised)
<b>Weight</b>	18.5 kg

### CARTON

<b>Dimensions (W x H x D)</b>	587 x 337 x 553 mm
<b>Weight</b>	22.0 kg

### Supplied Accessories

• Indoor FM antenna • Antenna isolator\* • AM loop antenna • Speaker cable labels • Speaker set-up microphone • Instruction manual • Quick start guide • Remote controller • AA (R6) batteries\*\* x 2

\*Included with Chinese model only.

\*\*Not included with Chinese model.



Text on receiver may vary with region.

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