

TX-NR535 5.2-Channel Network A/V Receiver

BLACK



Time to Join the Ultra HD Revolution

Packing 5.2 channels of pure Onkyo muscle, your 60 fps Ultra HD gaming or movie experience comes to life with the TX-NR535. Seven 4K/60 Hz-ready HDMI® terminals, inbuilt Wi-Fi® for hi-res audio streaming, onboard Bluetooth, and all the leading internet streaming services pre-loaded—this powerful entertainment hub is ready for anything. To deliver authentic hi-fi performance, the TX-NR535 features a high-current power supply, discrete low-distortion amps, and state-of-the-art processing for high-resolution audio. Whether you're taste-testing on Spotify, kicking back with a favorite CD, or cranking the latest Hollywood blockbuster, this receiver serves up that classic Onkyo sound: big soundstage, superb timing, brilliant definition, and enough low-end grunt to make your speakers sing. An ideal blend of cutting-edge technology and old-school analog power, the TX-NR535 is also easy to use. Everything from quick speaker adjustments to wireless streaming from smartphone and NAS is made simple with our remote app. At this price point, there's simply no better way to turn everyday entertainment into a spectacular event.

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®, Slacker™, SIRIUS XM Internet Radio®, Spotify, AUPEO!, and Deezer)*1
- Playback Compressed, Lossless, and Hi-res Audio via Local Network (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, Apple Lossless, DSD 5.6 MHz, LPCM*)
- Proprietary AccuEQ Room Calibration with Mic Included
- Advanced Music Optimizer to Improve Compressed Digital Audio Quality (Bluetooth Included)
- Control and Stream with Free Onkyo Remote Streaming Apps for iPod touch®/iPhone®*3 and Android Devices*4
- Input Source Preview with InstaPrevue™ Technology
- Phase-Matching Bass Boost for Deep Bass and Clear Mid-Range
- Zone 2 Line-Out for Distributed Audio Playback in Another Room

*1 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. *2 LPCM is supported via DLNA only. *3 Compatible with iPod touch (3rd generation or later) and iPhone 3GS or later. All models require iOS 4.2 or later. *4 Requires Android OS 2.1 or later.

AMPLIFIER FEATURES

- 65 W/Ch (8 Ohms, 20 Hz–20 kHz, 0.7% THD, 2 Channels Driven, FTC); 90 W/Ch (6 Ohms, 1 kHz, 0.7% THD, 2 Channels Driven, FTC)
- 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 for S/PDIF Audio

PROCESSING FEATURES

- HDMI® Support for 4K/60 Hz, 3D, Audio Return Channel, DeepColor™, x.v.Color™, LipSync, Dolby® TrueHD, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- Dolby® TrueHD and DTS-HD Master Audio™ Decoding
- TI Burr-Brown 192 kHz/24-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
- Non-Scaling Configuration
- A-Form Listening Mode Memory

CONNECTION FEATURES

- 6 HDMI Inputs and 1 Output

- USB Port (Front)
- Mass Storage Class USB Memory Playback Capability
- HDTV-Capable (720p/1080i) Component Video Switching (1 Input and 1 Output)
- 4 Composite Video Inputs (1 Front/3 Rear) and 1 Output
- 3 Digital Audio Inputs (1 Optical and 2 Coaxial)
- 7 Analog Audio Inputs (1 Front/6 Rear)
- 2 Parallel Subwoofer Pre-Outs
- Color-Coded, Banana Plug-Compatible Speaker Posts
- Headphone Jack

OTHER FEATURES

- Crossover Adjustment for Each Channel (40/50/60/70/80/90/100/120/150/200 Hz)
- A/V Sync Control (Up to 400 ms in 10 ms Steps at 48 kHz)
- Overlaid On-Screen Display (OSD) via HDMI with Quick Set-Up and Home Menu
- Hybrid Standby Function with HDMI Passthrough to Reduce Power Consumption
- Smart Grid-Ready
- Tone Control (Bass/Treble) for Front L/R Channels
- 3-Mode Display Dimmer (Normal/Dim/Dimmer)
- 40 FM/AM Random Presets
- Certified with DLNA Version 1.5
- Firmware Updates via Ethernet and USB
- RIHD (Remote Interactive Over HDMI) for System Control
- Compatible with RI Dock for iPod/iPhone and AirPlay (DS-A5)
- Preprogrammed RI (Remote Interactive) Remote Control



TX-NR535 5.2-Channel Network A/V Receiver

Future-Ready with the Latest HDMI®

Imagine playing the latest RPG blockbuster on your Ultra HDTV at a breathtaking 60 frames per second. Now add thunderous 5.2-channel surround sound from Onkyo. With every HDMI terminal on your TX-NR535 receiver supporting 4K/60 Hz, all this and more is possible. Even if you're not planning on upgrading your current display right away, it's good to know your Onkyo receiver is ready for the future of gaming and video entertainment.

Wi-Fi® and Bluetooth Inside

The TX-NR535 has Wi-Fi and Bluetooth technology built in. No wires, no dongles, no mess. Complete the one-time Wi-Fi setup, download our streaming and control app, and you've got a full range of remote control and audio streaming features in the palm of your hand. You can also pair your Bluetooth-capable device and stream direct to your home theater. With Advanced Music Optimizer DSP compensating for compression, music via Bluetooth has never sounded better.

Stream from Smartphone and Tablet

For instant lossless or high-resolution audio streaming, just tap on the Onkyo Remote App icon on your smartphone and you'll find your music is loaded up and ready to stream, with all the playback features you're used to. Your receiver switches on automatically, selects your preferred playback mode, and you're ready to rock and roll.

Stream Hi-res Audio from PC and NAS

Some A/V receivers might boast high-resolution capability, but few have been engineered for universal compatibility and ultimate ease of use like ours. Use the remote app to quickly locate and stream your 192/24 and 96/24 hi-res albums from PC or NAS and discover how truly amazing music can sound on an A/V receiver built for high-definition audio.

Built-in Internet Radio and Streaming

If you can think of it, you'll most likely be able to stream it on your TX-NR535. The receiver comes loaded with Spotify, AUPEO!, TuneIn, and now Deezer, the music subscription service available in over 200 countries and boasting a library of an astonishing 25 million songs. You can select a station and search for music available on these services via the Onkyo app on your phone.

Play Lossless Music from USB

If you prefer a wired connection, the front-panel USB port is ready to accept almost any audio file format from mass-storage class drives. As well as the usual compressed formats, there's FLAC, WAV, ALAC, and DSD support. Alternatively, you can connect your PC, smartphone, tablet or music player using one of the many digital and analog audio inputs and an appropriate cable.

Remote Control App for Smartphone and Tablet

The free Onkyo Remote App gets your system up and playing your selection in moments. You get all the playback controls, speaker adjustments, listening modes, and input

source selections you need for everyday use at your fingertips. Tap the music icon and you'll find a menu for internet radio and streaming services along with all the music stored on your handheld device, PC, or NAS.

Fast Switching and Adjustment

Our user interface is a thing of beauty. The Home menu is mainly for detailed adjustment and setup (such as configuring your A/V receiver remote to control all the components in your system, or to assign specific listening modes to different inputs). But if you just want to quickly boost the center level, switch DSP modes, or change sources, the "Q" button overlays a transparent menu on screen and lets you get the job done in seconds, without interrupting the program.

Hi-fi Power and Fidelity

WRAT (Wide Range Amplifier Technology) is all about current. You need lots of it to stay in control when speaker impedance fluctuates, and to hang on without clipping as the soundtrack suddenly explodes into action. We use a massive high-power transformer to drive discrete, low-negative-feedback amps that cut distortion and preserve the energy of music. Combined with high-resolution processing, the TX-NR535 packs a colossal punch for movies but still retains the pure musicality you need for two-channel playback.

Phase-Matching Bass Enhancement

PM Bass optimizes low frequencies while preserving mid-range clarity. It counters phase shifting (which generally occurs in the zone occupied by vocals) by synchronizing the timing of different frequencies. The result is deep, well-defined bass that won't blur vocals or strings.

Hybrid Standby Saves Power

HDMI passthrough and network connectivity are maintained while the receiver is powered down. You can use your TV and other connected devices when you don't want to turn on the receiver, which saves on your energy bill. The TX-NR535 is also compliant with the Smart Grid system.

Preview Your HD Video Sources

Video switching is made easy with InstaPrevue™ technology. Press the Home button, select InstaPrevue, and video thumbnails overlay on the program you're watching, allowing you to preview content on any component connected via HDMI. This is great for keeping an eye on the cable sports channel while you watch a Blu-ray, for example, and is a fast and convenient way to flip between sources.

AccuEQ Room Calibration

Calibrating the sound to suit your room's acoustics is simple with AccuEQ. Once you've plugged in your speakers, connect the included mic and wait a few moments as it measures things such as speaker distance, type, crossover, and output, taking into account any reflections from your walls and floor. The system then optimizes the frequency response so you can enjoy balanced surround sound regardless of room shape or furnishing.

SPECIFICATIONS

Amplifier Section

Power Output	65 W/Ch (8 Ohms, 20 Hz–20 kHz, 0.7% THD, 2 Channels Driven, FTC)
Front L/R	90 W/Ch (6 Ohms, 1 kHz, 0.7% THD, 2 Channels Driven, FTC)
Center	65 W/Ch (8 Ohms, 20 Hz–20 kHz, 0.7% THD, 2 Channels Driven, FTC)
Surround L/R	90 W/Ch (6 Ohms, 1 kHz, 0.7% THD, 2 Channels Driven, FTC)
Dynamic Power	160 W (3 Ohms, Front)
	125 W (4 Ohms, Front)
	85 W (8 Ohms, Front)
THD+N (Total Harmonic Distortion + Noise)	0.7 % (20 Hz–20 kHz, Half Power)
Damping Factor	60 (Front, 1 kHz, 8 Ohms)
Input Sensitivity and Impedance	200 mV/47 k-ohms (Line)
Rated RCA Output Level and Impedance	200 mV/2.2 k-ohms (Line Out)
Maximum RCA Output Level and Impedance	2.0 V/2.2 k-ohms (Line Out)
Frequency Response	5 Hz–100 kHz/±1 dB, -3 dB (Direct Mode)
Tone Control	±10 dB, 20 Hz (Bass)
	±10 dB, 20 kHz (Treble)
Signal-to-Noise Ratio	100 dB (Line, IHF-A)
Speaker Impedance	6 Ohms–16 Ohms

Video Section

Input Sensitivity/Output Level and Impedance	
Video	1.0 Vp–p/75 Ohms (Component Y)
	0.7 Vp–p/75 Ohms (Component Pb/Cb, Pr/Cr)
	1.0 Vp–p/75 Ohms (Composite)
Component Video Frequency Response	5 Hz–100 MHz/±0 dB, -3 dB

Tuner Section

Tuning Frequency Range	
FM	87.5 MHz–107.9 MHz
AM	530 kHz–1,710 kHz
FM/AM Preset Memory	40 Stations

General

Power Supply	AC 120V~, 60 Hz
Power Consumption	3.2 A
No-Sound Power Consumption	55 W
Standby Power Consumption	0.1 W
Dimensions (W x H x D)	17 1/8" x 5 7/8" x 12 15/16"
	(435 x 150 x 329 mm)
Weight	16.8 lbs. (7.6 kg)

CARTON

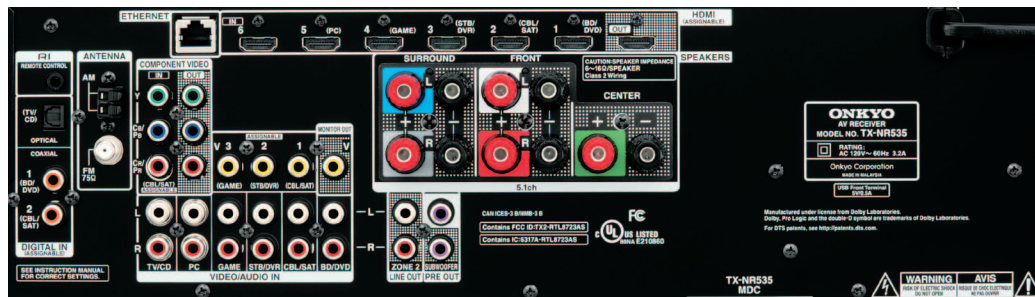
Dimensions (W x H x D)	21 1/8" x 10 7/16" x 16 3/8"
	(537 x 268 x 416 mm)
Weight	22.0 lbs. (10.0 kg)

UPC CODE

(B)	751398011580
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Supplied Accessories

- Indoor FM antenna • AM loop antenna • Color labels for speaker cable • Speaker setup microphone • Instruction manual
- Remote controller • AA (R6) batteries x 2



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