



* Image after DTS:X firmware update.



Engineered for immensely powerful and controlled THX® Theater Reference sound, the TX-RZ810 also deftly streams with Chromecast built-in, AirPlay, Wi-Fi®, and Bluetooth. Powered Zone 2 and Zone 3 pre/line outputs for audio, and Zone 2 HDMI® shares 4K video on a second display, making the TX-RZ810 not only a wall-shaking movie-room powerhouse, but also a hub for housewide entertainment. Built with separate analog/digital blocks, massive transformer, huge capacitors, and discrete non-phase-shift amps—the TX-RZ810’s sheer agility and dynamism exceeds the highest expectations.

INTEGRATION FEATURES

- Powered Zone 2 w/ Zone 2 Speaker A/B;
- Zone 2 & 3 Pre/Line
- Zone 2 HDMI Output for 4K/60 Hz Video
- 7.2 Multichannel Pre-Outs
- 12V Trigger Out (Assignable)
- IR Input
- Supports IP
- Supports RS232
- RIHD (Remote Interactive Over HDMI)
- Optional Rack Mount Kit & Detachable Power Cable
- AccuEQ Room Calibration w/ AccuReflex
- Supports Free Onkyo Remote Control & Streaming Apps for iPod touch®/iPhone®¹ and Android™ Devices²

ADVANCED FEATURES

- THX® Select2™ Theater Reference Certification
- DTS:X™ and Dolby Atmos® Object-based Sound Decoding
- 4K/60 Hz-Capable 4:4:4 HDMI® Terminals with HDCP 2.2 and HDR for UltraHD and Full HD Video Content³
- Chromecast built-in, AirPlay, Wi-Fi®, & Bluetooth Specification Version 4.1 (Compatible Profile: A2DP v1.2, AVRCP v1.3) with Advanced Music Optimizer
- Supports TuneIn Radio, Pandora®, Spotify, TIDAL™⁴
- MP3, WMA, WMA Lossless, FLAC, WAV, AAC, and Apple Lossless Playback Over Network and USB Network Hi-Res Audio (DSD 5.6 MHz, 192/24 PCM, Dolby® TrueHD)
- FireConnect™ Multi-Room Wireless Technology for Wireless Digital and Analog Audio Transmission to Optional Wireless Speakers

AMPLIFIER FEATURES

- 200 W/Ch (6 Ohms, 1 kHz, 0.9% THD, 1 Channel Driven, FTC)
- 130 W/Ch (8 Ohms, 20 Hz–20 kHz, 0.08% THD, 2 Channels Driven, FTC)
- Dynamic Audio Amplification with Non-Phase-Shift Amps and Discrete Power Transistors
- Separate Analog Amp and Digital Processing Block Construction to Reduce Interference
- Custom RZ Grade Parts: Massive Transformer and Custom 15,000 µF Audio Capacitors for Instantaneous High-Current Power
- Copper Bus Bars and Rigid Insulators to Reduce Signal Interference
- VLSC™ (Vector Linear Shaping Circuitry) for High-Fidelity Analog Signal
- PLL (Phase Locked Loop) Jitter-Cleaning Circuitry for S/PDIF Audio
- Bi-Amping Capability for Front Channels

PROCESSING FEATURES

- HDMI Support for 4K/60 Hz, 3D, Audio Return Channel, DeepColor™, x.v.Color™, LipSync, Dolby Atmos®, Dolby® TrueHD, DTS:X™, DTS-HD Master Audio™, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- HDCP 2.2 supported on HDMI inputs 1/2/3, Main Out, and Sub Out.
- Dolby® TrueHD and DTS-HD Master Audio™ Decoding
- AK4458 384 kHz/32-bit DAC (8 Channels x 1)
- 32-bit Digital Signal Processing Engines
- 4 DSP Modes-Gaming: Rock, Sports, Action, and RPG
- Theater-Dimensional Virtual Surround Function
- Direct Mode and Pure Audio Mode

CONNECTION FEATURES

- 8 HDMI In (1 Front/7 Rear)
- 2 HDMI Out (Main & Zone 2/Sub)
- Mass Storage Class USB Memory Playback Capability
- Component Video Switching (2 Inputs) and 2 Composite Video Inputs
- 3 Digital Audio Inputs (2 Optical and 1 Coaxial)
- 7 Analog Audio Inputs
- Phono Input (MM)
- 2 Parallel Subwoofer Pre-Outs

OTHER FEATURES

- Independent 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)
- New Graphical Overlaid On-Screen Display (OSD) via HDMI
- Hybrid Standby Function with HDMI Passthrough
- 40 FM/AM and 40 Internet Radio Station Presets
- Certified with DLNA Version 1.5
- Aluminum Front Panel and Volume Control Knob
- Simple Remote Control

¹ Compatible with iPod touch (3rd generation or later) and iPhone 3GS or later. All models require iOS 4.2 or later. ² Requires Android 2.1 or later. ³ 6G video and HDCP 2.2 is supported on HDMI inputs 1/2/3, Main Out, and Sub Out. ⁴ 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.

TX-RZ810 7.2-Channel Network A/V Receiver

THX®-Certified for Theater Reference Sound

THX® certification guarantees the same high volume and low distortion you experience in a theater in your listening room. To achieve THX® certification, amplifiers must undergo the industry's toughest independent bench-testing to satisfy THX® requirements.

Why Upgrade to a TX-RZ810?

Our RZ Series A/V receivers deliver dynamic, detailed, and emotionally captivating sound. Upgraded with a massive transformer, custom 15,000 µF capacitors, and discrete low-NFB amps, the TX-RZ810 produces high instantaneous current for lightning-fast transient response, stunning detail resolution, and ultra-powerful bass to 5 Hz.

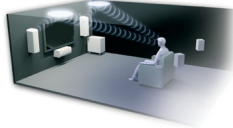


Dynamic Audio Amplification for Thrilling Sound

Dynamic Audio Amplification lets music live and breathe thanks to accurate, noise-free signal processing and hi-current power that dynamically controls your speakers, producing rich and authentic sound that fills you with emotion.

Experience DTS:X™ and Dolby Atmos®

Introduce object-based Dolby Atmos® and DTS:X™ sound to your living room, with sound flowing naturally above and around in three dimensions. Discrete effects—such as birdcalls, rain, or the sound of a helicopter—originate from overhead via height channels. Every element in an object-based soundtrack is mixed separately, free to travel from speaker to speaker with lifelike realism.



FireConnect™ Multi-room Audio

A firmware update enables any audio source connected to the receiver—from vinyl to streaming audio—to be sent wirelessly via FireConnect™ to an optional speaker* placed anywhere in your home. Stable, fast, and easy to control with a mobile, it's the smart way to set audio free.

* Unavailable at press time. Release date TBA



Go Wireless with Chromecast built-in, AirPlay, Wi-Fi®, and Bluetooth

Chromecast built-in and AirPlay free your music from your smartphone. You can stream audio from compatible applications to your home theater, or stream virtually any mobile or PC audio via Bluetooth technology. Available internet radio and music subscription services include Pandora, Spotify, and more.

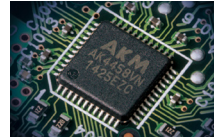
Note: Support for some services including Chromecast built-in, TIDAL and Deezer will be enabled via future firmware update. Please consult the Onkyo website for scheduling information as it becomes available.

Multi-source Playback in Different Zones

Use Powered Zone 2 speaker outputs and Zone 3 line outputs to create a household entertainment system, and enjoy different audio sources sent from your A/V receiver in different rooms at the same time.

Better-Focused Sound

Transparent imaging is achieved with various technologies starting at the D/A conversion stage, with VLSC™ helping the 384 kHz/32-bit DAC to assemble digital ones and zeros into a completely noise-free analog signal. Separate digital and analog circuitry prevents interference, while anti-phase-shift amps control timing to ensure wide-spectrum focus at any volume.



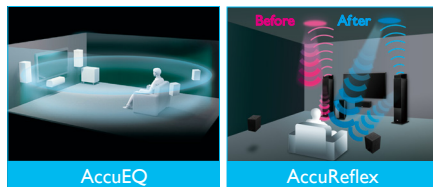
Latest Spec HDMI® with Zone 2 Video

Select HDMI terminals support 4K/60 Hz video, HDCP 2.2 copy protection, and High Dynamic Range (HDR) for next-generation UltraHD streaming and broadcasting. A 6G- and HDCP 2.2/HDR-compatible Zone 2 HDMI output allows you to enjoy AV sources connected to the receiver in another room.



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 upfiring height speakers with sound coming directly 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.



SPECIFICATIONS

Amplifier Section

Power Output	200 W/Ch (6 Ohms, 1 kHz, 0.9% THD, 1 Channel Driven, FTC) 130 W/Ch (8 Ohms, 20 Hz–20 kHz, 0.08% THD, 2 Channels Driven, FTC)
Dynamic Power	300 W (3 Ohms, Front) 250 W (4 Ohms, Front) 150 W (8 Ohms, Front)
THD+N (Total Harmonic Distortion + Noise)	0.08% (20 Hz–20 kHz, Half Power)
Input Sensitivity and Impedance	200 mV/47 k-ohms (Line) 3.5 mV/47 k-ohms (Phono MM)
Rated RCA Output Level and Impedance	1.0V/470 Ohms (Pre Out) 1.0V/470 Ohms (Subwoofer Pre Out) 200 mV/2.3 k-ohms (Zone Out) 2.0V/2.3 k-ohms (Zone Pre Out)
Phono Overload	70 mV (MM, 1 kHz, 0.5%)
Frequency Response	5 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 MM, IHF-A)
Speaker Impedance	6 Ohms – 16 Ohms

Video Section

Input Sensitivity/Output Level and Impedance	Video 1.0Vp-p/75 Ohms (Component Y) 0.7Vp-p/75 Ohms (Component Pb/Cb, Pr/Cr) 1.0Vp-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	650 W
Standby Power Consumption	0.1 W
Dimensions (W x H x D)	17 1/8" x 7 1/16" x 15 9/16" (435 x 201.5 x 395 mm)
Weight	30.9 lbs. (14.0 kg)

CARTON

Dimensions (W x H x D)	22 3/8" x 13 3/16" x 19 1/8" (574 x 335 x 490 mm)
Weight	37.5 lbs. (17.0 kg)

UPC CODE

(B)	889951000129
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Supplied Accessories

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



Text on receiver may vary with region.

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