Unlock a Seamless Immersive Object-Audio Experience

The THX®-certified TX-RZ1100 is aimed at discerning audiophiles waiting for a no-compromises 5.2.4-channel audio experience in their home. This extraordinary reference receiver is suited to quad in-ceiling DTS:X™- and Dolby Atmos®-ready layouts with mammoth power to drive front and rear floorstanders with thrilling dynamism. The TX-RZ1100 leverages Onkyo-tuned high-current architecture with sophisticated digital-switching technology to achieve sound that's nothing short of spectacular. Add the ability to cast from most music apps to the receiver via AirPlay, Wi-Fi®, and Chromecast built-in®, and to mirror any audio on wireless speakers around the home (along with powered audio and 4K video distribution) and the case for flagship-quality entertainment becomes even more convincing.

HIGHLIGHTS

- 200 W per Channel
- THX® Select2 Plus Certification
- Native DTS:X and Dolby Atmos® to 5.2.4 Channels
- DTS Neural:X® Upmixing for Legacy Formats
- Chromecast built-in®, AirPlay, Wi-Fi®, and Bluetooth® Audio Streaming
- AccuEQ Room Calibration with AccuReflex Technology
- FireConnect™ Multi-Room Wireless Technology
- HDMI® 8 in (1 Front), Main Out, Zone 2 Out (HDCP 2.2/HDR®)

ADVANCED FEATURES

- TrueHD, Select2™, Plus Cinema-Reference Audio Performance
- 5.2-channel DTS:X® and Dolby Atmos® Object-based Audio Decoding
- DTS Neural:X® Upmixes Standard 5.1 and 7.1 formats to 3D Sound
- HDMI Supports 4K/60 Hz, High Dynamic Range, 4:4:4 Color Space, and HDR10/HLG Video
- Zone 2 HDMI Output Distributes 4K/60 Hz Video to a Second Display
- Chromecast built-in, AirPlay, Wi-Fi, Bluetooth®, TuneIn, Pandora®, Spotify®, TIDAL®, and Deezer® Audio Streaming®
- MP3, WMA, WMA Lossless, FLAC, WAV, AAC, and Apple Lossless Playback Over Network and USB
- Network Hi-Res Audio (DSF 5.6 MHz, 192/24 PCM, Dolby® TrueHD)
- Powered Zone 2 and Powered Zone 3 Outputs for Multi-room and Analog Audio with Independent Volume/Zone Controls
- Whole House Mode

PROCESSING FEATURES

- Dolby Atmos, DTS:X, Dolby TrueHD, and DTS-HD Master Audio Decoding
- Supports 11.2 Multichannel Pre-Outs for 7.2.4-channel Object-based Audio
- Separate 384 kHz/32-bit AK4490 Stereo DAC (Front L/R), 1 kHz, 10% THD, 1 Channel Driven (BTIA)
- Multiple 32-bit Digital Signal Processing Engines
- 4 DSP Modes for Gaming: Rock, Sports, Action, and RPG
- Theater-Dimensional Virtual Surround Function
- Independent Volume/Zone Controls
- Theater-Dimensional Virtual Surround Function
- Direct Mode and Pure-Audio Mode

AMPLIFIER FEATURES

- 200 W/Ch (6 Ω, 1 kHz, THD, 1 Channel Driven, IEC), 340 W/Ch (6 Ω, 1 kHz, THD, 1 Channel Driven-BTI)
- Onkyo High-Current Digital Amplification for Smooth Low-Distortion Power
- Customized High-Output Transformer, Custom Audio-Grade Capacitors, Separate Transformer for Standby
- Separated Digital and Analog Circuitry to Reduce Interference
- Enhanced Metall Heat Sink with Polycarbonate Cooling Fan
- Optimum Gain/Voltage Circuitry
- VLSC™ (Vector Linear Shaping Circuitry) Noise-Free Signal Processing for All Channels
- PLL (Phase Locked Loop) jitter-Cleaning Circuitry for SPDIF Audio

OTHER FEATURES

- Tone Controls (Bass/Treble) with 10 dB for All Channels
- Independent Crossover Adjustments for All Channels (60/120/200 Hz)
- New Graphical Overlaid On-Screen Display (OSD) via HDMI with Quick Setup Function
- Hybrid Standby Function with HDMI Passsthrough
- 40 PMAP and 40 Internet Radio Station Presets
- RIHD (Remote Interactive Over HDMI) for System Control
- Aluminum Front Panel and Volume Control Knob
- Simple Remote Control
- 11.2 Multichannel Pre-Outs and Zone 2/3 Pre-/Line Outs
- Dual Subwoofer Pre-Outs

CONNECTION FEATURES

- 8 HDMI Inputs (1 Front/7 Rear), Main, and Zone 2 Outputs
- Max Storage Class USB Memory Playback Capability (Front Input)
- 11.2 Multichannel Pre-Outs and Zone 2/3 Pre-Line Outs
- Zone 2 and Zone 3 Powered Speaker Outputs/Bi-Ampling Outputs
- Component Video Switching (2 Inputs and 1 Output)
- 2 Composite Video Inputs
- 5 Digital Audio Inputs (3 Optical and 2 Coaxial) and 7 Analog Audio Inputs
- Zone 2/3 Pre-Outs
- Zone 2/3 Main Out, and Zone 2 Out
- 12 V Trigger Out (Assignable) with IR Input; Supports IR and RS232
- 6.3 mm Headphone Input
- Enabled with a firmware update.

* Enabled with a firmware update.
* Enabled with a firmware update. FireConnect™ is a technology based on Blackfire provided by Blackfire Research Corp., USA. Sampling rates of 384 kHz/32-bit AK4490 are not supported. Please check App Store or Google Play for device and OS requirements.
A Complete DTS:X™ and Dolby Atmos® Experience
Packing 9.2 channels, the TX-RZ1100 unlocks a full 5.2.4-channel Dolby Atmos® and DTS:X™ experience via four in-ceiling (or up-firing) speakers. Included I.2 multichannel pre-outs enable 7.2.4-channel layouts (requires stereo amp).

Upmixes Standard Surround Formats
DTS Neural:X™ retrieves special cues from standard multichannel formats and upmixes for 3D playback that's virtually identical to a native DTS:X™ source, giving your existing Blu-ray library a new lease on life.

THX®-Certified for Cinema Reference Sound
THX® Select2® Plus guarantees distortion-free Cinema Reference Volume in your home. Certified products are subjected to the industry's toughest bench-tests to satisfy THX® requirements for audio performance.

Onkyo High-Current Digital Amplification
The TX-RZ1100 combines high-current driving architecture with sophisticated digital amplification and filtering technology. Noise-reduction hardware including a custom high-output transformer delivers fast dynamics, thrilling power and stunningly precise detail resolution. Painstakingly tuned for velvet-smooth and emotionally evocative audio reproduction, Onkyo High-Current Digital is where power meets control.

Cohesive Multidimensional Sound
AccuReflex—part of the AccuEQ room calibration suite—phase-matches Dolby Atmos-enabled and floor-standing speakers for seamless reproduction of object-based sound. AccuEQ optimizes the entire system to suit your space without affecting front-speaker characteristics for pure stereo listening.

Housewide Playback of Any Source
Put extra speakers you have to good use—connect them to receive the Powered Zone 2 and Powered Zone 3 outputs. Dedicated DACs and a host of smartphone control options let you manage content in any zone, making housewide sound a practical proposition.

Latest Dual-Zone HDMI®
Select HDMI terminals support HDR, 4:4:4 color-space, and HDCP 2.2 for next-generation Ultra HD Blu-ray, 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®.

Chromecast built-in®, AirPlay®*, Wi-Fi®, and Bluetooth®
Most smartphone and PC music apps let you mirror what’s playing to your TX-RZ1100 with ease using Chromecast built-in. The receiver also features AirPlay, Bluetooth® audio, and Wi-Fi® for universal wireless audio support.*

Spotify®, Pandora®, Deezer, TIDAL, and TuneIn
Enjoy any music you want any time on your home cinema via these popular smartphone and PC applications or via Onkyo Controller.

FireConnect™-Wireless Multi-room Audio
FireConnect™ mirrors network audio and external sources to any speaker connected to your TX-RZ1100 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®.

Noise FireConnect™ is enabled with a firmware update. Streaming audio from external inputs depends on the model and is enabled with a Denon 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.

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