

# TX-RZ1100 9.2-Channel Network A/V Receiver

BLACK | SILVER

**RZ**  
SERIES



HDCP2.2



## Unlock a Seamlessly Immersive Object-Audio Experience

The THX®-certified TX-RZ1100 serves the discerning audiophile with a no-compromises 5.2.4-channel object-based audio experience. This reference receiver is perfect for quad in-ceiling speaker layouts supporting DTS:X® and Dolby Atmos® with mammoth dynamic power to drive front and rear floorstanders. Custom high-current amplification with sophisticated digital noise removal technology delivers stereo and multichannel sound that's nothing short of spectacular. Stream from popular music apps via Chromecast built-in\*, DTS Play-Fi®, AirPlay, and Wi-Fi®; mirror any audio on supported wireless speakers and components via FlareConnect™; and enjoy 4K/60p video supporting BT.2020 and High Dynamic Range (HDR10/Dolby Vision™) pass-through on your main display and 4K/60p video on a second TV via Zone 2 HDMI®. The TX-RZ1100 is loaded with the A/V and custom home installation technologies you'd expect from a flagship receiver with dynamics that will take your breath away. \* Enabled with a firmware update.

### HIGHLIGHTS

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

### ADVANCED FEATURES

- THX® Select2™ Plus Cinema-Reference Audio Performance
- 5.2.4-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, BT.2020, HDR (HDR10/Dolby Vision™\*) Pass-through, 4:4:4 Color Space, and HDCP 2.2-protected Video\*\*
- Zone 2 HDMI Output Distributes 4K/60 Hz Video to a Second Display
- Chromecast built-in, DTS Play-Fi, AirPlay, Wi-Fi, Bluetooth®, TuneIn, 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 (DSD 5.6 MHz, 192/24 PCM, Dolby® TrueHD)
- Powered Zone 2 and Powered Zone 3 Outputs for Multi-room Analog and Digital (HDMI/Network/OPT/COAX) Audio with Independent Volume/Tone Controls
- Whole House Mode
- AccuEQ Calibration with AccuReflex for Seamless Object-based, Multichannel, and Stereo Sound (Setup Mic Included)

- FlareConnect Multi-room Audio Distribution to Compatible Components and Speakers
- 11.2 Multichannel Pre-Outs for 7.2.4-channel Object-based Audio (Separate Stereo Amp Required)
- Onkyo Controller® App for iOS and Android™ Devices

### AMPLIFIER FEATURES

- 200 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC); 340 W/Ch (6 Ω, 1 kHz, 10% THD, 1 Channel Driven, JEITA)
- 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
- Extruded Metal Heat Sink with Polycarbonate Cooling Fan
- Optimum Gain Volume Circuitry
- VLSC™ (Vector Linear Shaping Circuitry) Noise-free Signal Processing for All Channels
- PLL (Phase Locked Loop) Jitter-Cleaning Circuitry for S/PDIF Audio

### PROCESSING FEATURES

- HDMI Support for 4K/60 Hz, 3D, Audio Return Channel, DeepColor™, x.v.Color™, LipSync, Dolby Atmos, Dolby TrueHD, Dolby® Digital Plus, Dolby® Surround, DTS:X, DTS-HD Master Audio™, DTS 96/24, DTS-ES, DTS Express, DTS Neural:X, THX®, Cinema/Music/Game, DVD-Audio, Super Audio CD, Multichannel PCM, and CEC
- Dolby Atmos, DTS:X, Dolby TrueHD, and DTS-HD Master Audio Decoding
- Separate 384 kHz/32-bit AK4490 Stereo DAC (Front L/R), 2 x 768 kHz/32-bit AK4458 Multichannel DACs (Surround Channels)
- Discrete 192 kHz/24-bit AK4388 Stereo DACs (x2) for Zone 2 and Zone 3
- Multiple 32-bit Digital Signal Processing Engines
- 4 DSP Modes for Gaming; Rock, Sports, Action, and RPG
- Theater-Dimensional Virtual Surround Function
- Direct Mode and Pure Audio Mode

### CONNECTION FEATURES

- 8 HDMI Inputs (1 Front/7 Rear), Main, and Zone 2 Outputs
- Mass Storage Class USB Memory Playback Capability (Rear Input)
- 11.2 Multichannel Pre-Outs and Zone 2/3 Pre-Line Outs
- Zone 2 and Zone 3 Powered Speaker Outputs/Bi-Amping Outputs
- Component Video Switching (2 Inputs and 1 Output) and 2 Composite Video Inputs
- 5 Digital Audio Inputs (3 Optical and 2 Coaxial) and 7 Analog Audio Inputs
- Phono Input (MM) for Turntable Connection
- Dual Subwoofer Pre-Outs
- 12V Trigger Out (Assignable) with IR Input; Supports IP and RS232
- 6.3 mm Headphone Input

### OTHER FEATURES

- Tone Controls (Bass/Treble) ±10 dB for All Channels
- Independent Crossover Adjustment for All Channels (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 with Quick Setup Function
- Hybrid Standby Function with HDMI Passthrough
- 40 FM/AM and 40 Internet Radio Station Presets
- RIHD (Remote Interactive Over HDMI) for System Control
- Aluminum Front Panel and Volume Control Knob
- Simple Remote Control

\*1 Enabled with a firmware update. \*2 6G Video/HDR/HDCP 2.2 supported on HDMI inputs 1-5, Main Out, and Zone 2 Out. \*3 Bluetooth specification Version 4.1 (compatible profile: A2DP v1.2, AVRCP v1.3) also supporting Advanced Music Optimizer. \*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. \*5 For iOS and Android™ devices. Please check App Store or Google Play for device and OS requirements.

# TX-RZ1100 9.2-Channel Network A/V Receiver

## 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 11.2 multichannel pre-outs enable 7.2.4-channel layouts (requires stereo amp).



## Upximes Standard Surround Formats

DTS Neural:X™ retrieves spatial 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.

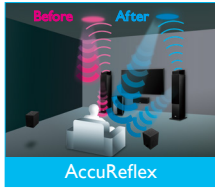
## Onkyo High-Current Digital Amplification

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 system to suit your space without affecting front-speaker characteristics for pure stereo listening.



## Chromecast built-in\*, DTS Play-Fi®, AirPlay, Wi-Fi®, and Bluetooth®

Popular smartphone and PC music apps let you mirror what's playing to your TX-RZ1100 with ease using Chromecast built-in and DTS Play-Fi. The receiver also features AirPlay, Bluetooth, and Wi-Fi for universal wireless audio support.  
\* Enabled with a firmware update.

## Spotify®, Deezer, TIDAL, and Tunesl

Enjoy any music you want on your home cinema via these popular smartphone and PC applications or via Onkyo Controller.

## FlareConnect™ Wireless Multi-room Audio

FlareConnect® shares audio from network and external audio input sources between compatible components. Enjoy effortless multi-room playback of LP records, CDs, network music services, and more with supported components and speaker systems. Music selection, speaker grouping, and playback management across the home are built into the Onkyo Controller\*\* app.



\* Sharing audio from external inputs is enabled with a future firmware update. External audio inputs supporting FlareConnect may differ depending on model. Please consult individual product specification for more information. \*\* Download free from the App Store or Google Play.

## Housewide Playback of Any Source

Put extra speakers you have to good use—connect them to the receiver's Powered Zone 2 and Powered Zone 3 outputs. Dedicated DACs and smartphone control let you manage content in any zone.

## Latest Dual-Zone HDMI®

Select HDMI terminals support HDR (HDR10/Dolby Vision™) pass-through, 4:4:4 color-space, BT.2020, and HDCP 2.2 for next-generation Ultra HD Blu-ray, streaming 4K video, and 4K/60 Hz PC-based gaming. Zone 2 output transmits 4K home cinema sources to a second TV.

\* Enabled with a firmware update.

## SPECIFICATIONS

### Amplifier Section

<b>Power Output</b>	
All Channels	200 W/Ch (6 Ω, 1 kHz, 1% THD, 1 Channel Driven, IEC) 340 W/Ch (6 Ω, 1 kHz, 10% THD, 1 Channel Driven, JEITA)
<b>Dynamic Power</b>	
	320 W (3 Ω, Front) 270 W (4 Ω, Front) 160 W (8 Ω, Front)
<b>THD+N (Total Harmonic Distortion + Noise)</b>	
	0.04% (1 kHz, 100 V)
<b>Input Sensitivity and Impedance</b>	
	200 mV/82 kΩ (Line) 3.5 mV/47 kΩ (Phono MM)
<b>Rated RCA Output Level and Impedance</b>	
	1.0 V/330 Ω (Pre Out) 1.0 V/330 Ω (Subwoofer Pre Out) 200 mV/1.2 kΩ (Zone Out) 2.0 V/1.2 kΩ (Zone Pre Out)
<b>Phono Overload</b>	
	70 mV (MM, 1 kHz, 0.5%)
<b>Tone Control</b>	
	±10 dB, 100 Hz (Bass) ±10 dB, 10 kHz (Treble)
<b>Signal-to-Noise Ratio</b>	
	108 dB (Line, IHF-A) 90 dB (Phono MM, IHF-A)
<b>Speaker Impedance</b>	
	4 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)

### Tuner Section

<b>Tuning Frequency Range</b>	
FM	87.5 MHz–108 MHz 87.5 MHz–107.9 MHz (Taiwan Model) 530 kHz–1,710 kHz 522 kHz–1,611 kHz 522 kHz–1,611 kHz (Taiwan Model)
AM	522 kHz–1,611 kHz (Taiwan Model)
<b>FM/AM Preset Memory</b>	
	40 Stations

### General

<b>Power Supply</b>	
	AC 220–230 V~, 50/60 Hz AC 120 V~, 60 Hz (Taiwan Model)
<b>Power Consumption</b>	
	320 W
<b>Standby Power Consumption</b>	
	0.15 W
<b>Dimensions (W x H x D)</b>	
	435 x 201 x 453 mm
<b>Weight</b>	
	19.7 kg

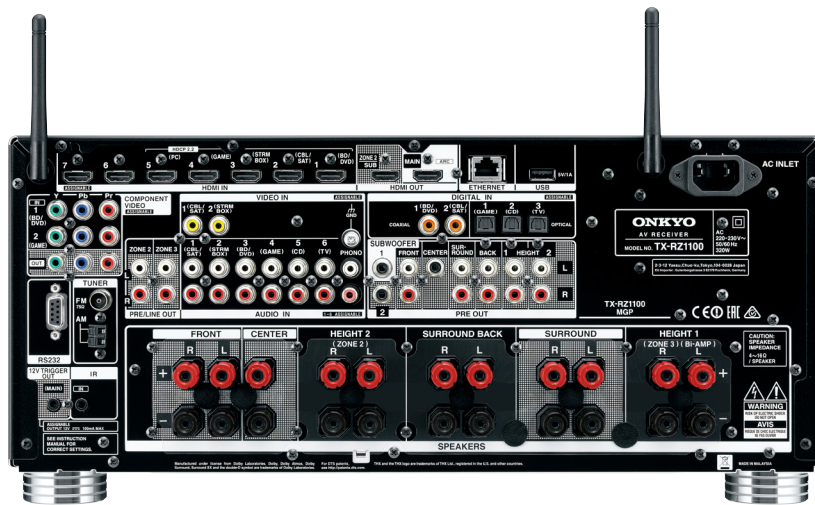
### CARTON

<b>Dimensions (W x H x D)</b>	
	565 x 325 x 547 mm
<b>Weight</b>	
	22.5 kg

### Supplied Accessories

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

\* Batteries not included with Chinese model variants



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