

# TX-RZ730 9.2-Channel Network A/V Receiver

**RZ**  
SERIES



BLACK | SILVER



## Full-scale sound and vision to revitalize your life

Here's a budget-friendly A/V receiver with the core power needed for 7.2.4-ch\* Dolby Atmos® or DTS:X® playback at THX® Certified Select™ cinema-reference volume to enhance the jaw-dropping spectacle of 4K HDR video as it unfolds on screen. Dynamic Audio Amplification blends high current with patented noise-reduction technology to achieve fluent transients, superb detail resolution, and wide 5 Hz–100 kHz frequency response. Music from any source is emotionally involving, from Hi-Res Audio to LP records to multi-room network music via Chromecast built-in, FlareConnect™, and DTS Play-Fi® technology. With 11.2-multichannel pre-outs, powered ZONE 2 and powered ZONE 3 speaker outputs, it's easy to configure a reliable home-cinema layout and audio distribution setup that suits you. The TX-RZ730 streamlines entertainment with future-ready HDMI® handling Dolby Vision™, HLG, and HDR10 formats. Premium AccuEQ Advance room-acoustic calibration with multi-point measurement ensures balanced sound. Just relax and soak up the magic only an Onkyo can deliver. \* Requires outboard stereo power amplifier.

### HIGHLIGHTS

- 175 W per channel
- THX® Certified Select™ cinema-reference sound quality
- Dynamic Audio Amplification with 5 Hz–100 kHz reproduction
- 5.2.4-ch Dolby Atmos® and DTS:X® (7.2.4-ch with external amp)
- HDMI® 7 In (1 Front\*), Main Out, and Sub/Zone 2 Out\* supporting 4K/60 Hz, HDR10, HLG, Dolby Vision™, BT.2020, and HDCP 2.2 pass-through
- Chromecast built-in
- Works with the Google Assistant
- 5 GHz/2.4 GHz Wi-Fi®, DTS Play-Fi® technology, FlareConnect™, AirPlay, Amazon Music, Spotify, TIDAL, Deezer, Tuneln<sup>3</sup>

- DTS Play-Fi multi-room audio distribution technology via Onkyo Music Control App<sup>5</sup>
- FlareConnect multi-room audio distribution to compatible components
- Supports audio streaming from iPad, iPhone, Mac, and iTunes via AirPlay
- Amazon Music, Spotify, TIDAL, and Deezer music streaming services and Tuneln internet radio
- Hi-Res Audio playback including DSD 5.6 MHz/2.8 MHz<sup>6</sup>, 192 kHz/24-bit FLAC<sup>7</sup>, WAV (RIFF)<sup>7</sup>, AIFF, ALAC<sup>7</sup>, and Dolby® TrueHD<sup>8</sup>
- Bluetooth® wireless audio technology for mobile, laptop, and PC (Version 4.1 + LE, Profile: A2DP v1.2, AVRCP v1.3)
- Advanced Music Optimizer improves compressed digital audio quality (Bluetooth audio included)
- Built-in low-noise phono pre-amp for Moving Magnet (MM) cartridges
- Supports Front L/R bi-amping
- 480i de-interlacing (480i to 480p) via HDMI for legacy video formats

- 32-bit Digital Signal Processing (DSP)
- Listening modes for gaming (Rock, Sports, Action, and RPG)
- Theater-Dimensional virtual surround-sound function
- Direct Mode for audio reproduction close to original source quality
- Independent tone controls (bass/treble) for all channels

### CONNECTION FEATURES

- 7 HDMI inputs (1 Front), Main Out, and Sub/Zone 2 Out
- Powered USB terminal (5 V, 1 A) for audio playback (rear)
- 2 composite video inputs and 2 component video inputs
- 3 digital audio inputs (2 optical and 1 coaxial)
- 6 analog audio inputs, 1 stereo 3.5 mm analog input (front)
- Phono input (MM) and equalizer for turntable connection
- 11.2 multichannel pre-outs
- 2 subwoofer pre-outs
- 6.35 mm headphone jack (front)
- Speaker setup mic input (front)
- 12 V trigger output, IR input, IP control, and RS232 support
- Detachable power cable

### OTHER FEATURES

- 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)
- Graphical User Interface with overlaid On-Screen Display via HDMI
- Quick Setup Guide via GUI
- Economical HDMI pass-through and Network Standby functions
- 3-mode display dimmer (Normal/Dim/Dimmer)
- 40 FM/AM random presets
- Simple remote control
- Rack-mounting kit (optional IRK-155-3D)

\*1 Front HDMI input does not support 4K/60Hz/RGB/4:4:4/2:2. \*2 Sub/Zone 2 HDMI does not support ARC or CEC. \*3 Availability of services may vary with region. Subscription may also be required. \*4 Audio via HDMI inputs and S/PDIF audio not supported in Zone 3. \*5 Visit App Store or the Google Play Store to check device and OS requirements and download free. \*6 Converted to PCM. Playback not guaranteed via wireless LAN. \*7 Playback not guaranteed via wireless LAN. Supported sampling rate via wireless LAN depends on network environment. \*8 Playback not guaranteed via wireless LAN.

### ADVANCED FEATURES

- THX Certified Select cinema-reference volume and sound quality
- HDMI supports HDR10, HLG, Dolby Vision, BT.2020, and 4K/60 Hz pass-through and HDCP 2.2
- Dolby Atmos and DTS:X playback through 5.2.4 or 7.2.2 channels
- 11.2 multichannel pre-outs and processing for 7.2.4-ch playback with an external stereo power amp
- Powered ZONE 2 and powered ZONE 3 speaker outputs, Zone 2 and Zone 3 line-level outputs with DACs supporting digital<sup>6,4</sup> and analog audio playback
- Cross-compatible upmixing for Dolby® and DTS® soundtracks with Dolby Surround and DTS Neural:X™ solutions
- AccuEQ Advance room-acoustic calibration with standing wave correction
- AccuReflex™ phase alignment for Dolby Atmos-enabled speakers
- Stable 5 GHz/2.4 GHz Wi-Fi connectivity
- Easy multi-room management with Onkyo Controller app<sup>5</sup>
- Audio streaming with Chromecast built-in and voice control through devices with the Google Assistant built-in

### AMPLIFICATION FEATURES

- 175 W/Ch (6 Ω, 1 kHz, 1% THD, 1 channel driven, IEC)
- Dynamic Audio Amplification with 5 Hz–100 kHz reproduction
- High-current power to drive large speakers with 4-ohm resistance
- H.C.P.S. (High Current Power Supply) customized transformer
- Extra-large customized block capacitors for instant power
- VLSC (Vector Linear Shaping Circuitry) high-frequency noise removal technology (Front L/R channels)
- Non-phase-shift amp circuitry for a clear and cohesive audio image
- Discrete output stage circuitry for low distortion

### PROCESSING FEATURES

- Dolby Atmos and DTS:X reproduction through 5.2.4-ch or 7.2.2-ch (7.2.4-ch with external stereo power amp)
- HDMI support for 4K/60 Hz, HDR10, HLG, Dolby Vision, 3D, Audio Return Channel, DeepColor™, x.v.Color™, LipSync, Dolby Atmos, Dolby TrueHD, DTS:X, DTS-HD® Master Audio™, DSD, DVD-Audio, Super Audio CD (SACD), multichannel PCM, and CEC
- Precision AKM (AK4458) 384 kHz/32-bit multichannel DAC
- PLL (Phase Locked Loop) jitter-cleaning technology for S/PDIF audio

# TX-RZ730 9.2-Channel Network A/V Receiver

## THX® Certified Select™ cinema-reference audio

THX Certified Select guarantees cinema-reference sound in your home. To gain certification, amplifiers must pass severe bench-tests covering every aspect of performance. THX Certified Select components suit rooms where screen-to-seat distance is about 3 meters and volume 57 cubic meters.



## Introducing the RZ Series: more than better sound

Our RZ Series takes performance and build-quality to the next level for a reference experience. Custom high-current transformer, customized block capacitors, and other upgraded parts deliver 5 Hz–100 kHz frequency response for wall-shaking bass, clean treble, and fast dynamics. RZ Series supports a variety of home cinema and multi-room layouts to suit you, while details such as 12 V trigger, RS-232C, IP Control, and IR input make home integration easy.



## Dynamic Audio Amplification (DAA)

The DAA philosophy places less emphasis on lab measurements and more on how the sound actually feels in real life. High-current drive and expert tuning deliver natural transient response, the key to involving sound. A deep power reserve arrives instantly when action explodes on screen, adding adrenaline to the film experience. Accuracy and control is maintained with custom transformer and block capacitors, non-phase-shift amp circuitry, and discrete output transistors. With VLSC™ noise filtering (Front L/R) for improved fidelity, DAA is built for compelling sound.

## Dolby Atmos® and DTS:X® at up to 7.2.4 channels

Hear Dolby Atmos and DTS:X soundtracks through 7.2.2 or 5.2.4 channels. Connect an outboard power amp via 11.2-multichannel pre-outs and enjoy seamless top-to-bottom, side-to-side, and front-back coverage with four in-ceiling speakers and seven floor-standers. Individual sounds aren't tied to channels and move naturally around your audience.



## Dolby® and DTS® solutions for 3D sound

DTS Neural:X™ technology and Dolby Surround find cues in legacy soundtracks and upmix for playback through systems with height channels. Cross-compatible with Dolby® and DTS® formats, enjoy spatially realistic and natural sound from your existing DVD and Blu-ray Disc™ library or via movie streaming service.

## Chromecast built-in works with the Google Assistant

Stream any music from your smartphone, laptop, or PC to the receiver with ease. Control playback with Chromecast-enabled apps from your iPhone, iPad, Android™ phone or tablet, Mac or Windows laptop, or Chromebook™. If you have a device with the Google Assistant, you can control music on the TX-RZ730 by voice.



## Ready for DTS Play-Fi® multi-room audio technology

DTS Play-Fi technology allows you to enjoy quality music from online services, media server, and mobile device to any number of compatible products using Onkyo Music Control App. DTS Play-Fi technology can synchronize music in every room.



## 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.



Note: For external input availability visit <http://www.onkyo.com/flareconnect>. Download Onkyo Controller free from the App Store or the Google Play Store.

## Powered sound in three zones

With a 5.2-ch cinema layout in Zone 1 (Main), the remaining four channels can drive speakers in Zone 2 and Zone 3. As well as analog distribution, dedicated DACs enable digital sources\* to be synced across rooms simultaneously, or a unique source to be played in every zone at once. Zone 2 and Zone 3 line-level outputs are ideal for sharing sources to existing hi-fi systems.

\* Audio via HDMI inputs and S/PDIF audio not supported in Zone 3.

## AccuEQ Advance for Accurate Calibration

AccuEQ sets speaker distance, SP level, and crossover. In addition, AccuEQ Advance employs multi-point measurement to remove standing waves from your listening space, which compromise audio quality and bass response. The technology also detects and compensates for background noise, such as the hum from an HVAC, to ensure accurate equalization.



## Wi-Fi® and Bluetooth® wireless connectivity

Built-in 5 GHz/2.4 GHz Wi-Fi provides network stability for streaming, Onkyo Controller app, and multi-room audio. Bluetooth wireless technology is also on board for easy mobile or laptop connection.

## AirPlay, streaming services, and internet radio built in

Find and stream music from iPad, iPhone, Mac, and PC over the Apple AirPlay wireless audio platform. Further, Amazon Music, Spotify, TIDAL, Deezer, and TunesIn are all baked into

the system GUI, making selection easy using Onkyo Controller or Onkyo Music Control App.

## Supports 4K HDR, BT.2020, 4K/60 Hz, and HDCP 2.2

Welcome film-like 4K video bursting with bright and vibrant colors enabled by High Dynamic Range (HDR) to your supported TV display or projector. The receiver's HDMI® inputs, Main Out, and Sub/Zone 2 Out pass HDR10, HLG, and Dolby Vision™ formats through to compatible displays. These terminals support the BT.2020 4K video standard, 4K/60 Hz playback, and HDCP 2.2.



HDCP 2.2

HDR10, HLG, BT. 2020

## SPECIFICATIONS

### Amplifier Section

<b>Power output</b>	All channels 175 W/Ch (6 Ω, 1 kHz, 1% THD, 1 channel driven, IEC)
<b>Dynamic power</b>	250 W (3 Ω, Front)
	220 W (4 Ω, Front)
	130 W (8 Ω, Front)
<b>THD+N (Total Harmonic Distortion + Noise)</b>	0.08% (20 Hz–20 kHz, half power)

<b>Input sensitivity and impedance</b>	200 mV/47 kΩ (Line)
	3.5 mV/47 kΩ (Phono)

<b>Rated RCA output level and impedance</b>	1 V/470 Ω (Subwoofer pre-out)
	1 V/2.3 kΩ (Zone pre-out)

<b>Frequency response</b>	5 Hz–100 kHz/+1 dB, -3 dB (Direct Mode)
---------------------------	---

<b>Tone control</b>	±10 dB, 20 Hz (Bass)
	±10 dB, 20 kHz (Treble)

<b>Signal-to-Noise ratio</b>	106 dB (Line, IIF-A)
	80 dB (Phono, IIF-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 B/R)
	1.0 Vp–p/75 Ω (Composite)

### 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>	760 W

<b>No-sound power consumption</b>	70 W
-----------------------------------	------

<b>Standby power consumption</b>	0.15 W
----------------------------------	--------

<b>Dimensions (W x H x D)</b>	435 x 177 x 379.5 mm
-------------------------------	----------------------

<b>Weight</b>	10.8 kg
---------------	---------

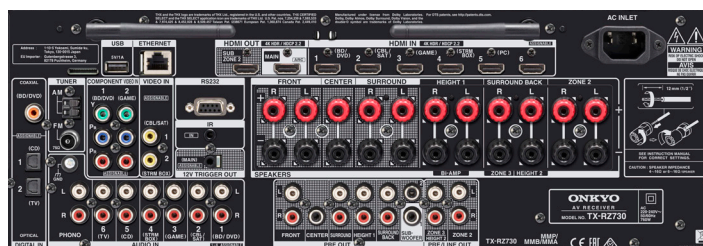
### CARTON

<b>Dimensions (W x H x D)</b>	570 x 288 x 468 mm
-------------------------------	--------------------

<b>Weight</b>	13.5 kg
---------------	---------

### Supplied Accessories

- Power cord • Indoor FM antenna • AM loop antenna
- Speaker setup microphone • Quick Start Guide • Basic Manual
- Remote controller • AAA (R03) batteries x 2



Text on receiver may vary with region.

Due to a policy of continuous product improvement, Onkyo reserves the right to change specifications and appearance without notice. THX and the THX logo are trademarks of THX Ltd., registered in the U.S. and other countries. THX CERTIFIED SELECT and the THX SELECT application icon are trademarks of THX Ltd. Dolby, Dolby Atmos, Dolby Surround, Dolby Vision, and the double-D symbol are trademarks of Dolby Laboratories. For DTS patents, see <http://patents.dts.com>. Manufactured under license from DTS Licensing Limited. DTS, the Symbol, DTS and the Symbol together, DTS-X, the DTS-X logo, DTS Neural:X, Play-Fi, and the Play-Fi logo are registered trademarks or trademarks of DTS, Inc. © DTS, Inc. All Rights Reserved. The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries. The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. AirPlay, iTunes, iPad, iPhone, and Mac are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. Please note that the use of this accessory with iPhone or iPad may affect wireless performance. AirPlay works with iPhone and iPad with iOS 4.3.3 or later, Mac with OS X Mountain Lion or later, and PC with iTunes 10.2.2 or later. Google, Android, Google Play, Chromecast built-in and other related marks and logos are trademarks of Google LLC. The Google Assistant requires an internet connection and is not available in certain languages or countries. Controlling certain devices in your home requires compatible smart devices. Subscriptions for services and applications may be required and additional terms, conditions and/or charges may apply. Wi-Fi® is a registered trademark of the Wi-Fi Alliance. The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance. Spotify and the Spotify logo are trademarks of the Spotify Group, registered in the U.S. and other countries. Products displaying the Hi-Res Audio logo conform to the Hi-Res Audio standard as defined by Japan Audio Society. The Hi-Res Audio logo is used under license from Japan Audio Society. Amazon, Amazon Music, and all related logos and motion marks are trademarks of Amazon.com, Inc. or its affiliates. Dynamic Audio Amplification, FlareConnect, Onkyo Controller, Onkyo Music Control App, Music Optimizer, Theater-Dimensional, VLSC, and AccuEQ are registered trademarks or trademarks of Onkyo Corporation. All other trademarks and registered trademarks are the property of their respective holders.