The high-current A/V hub that makes life better

The TX-RZ630 adds fully immersive 5.2.4-channel DTS:X® or Dolby Atmos® object-based surround-sound to stunning 4K HDR video on your compatible display. A muscular hub for whole-home entertainment, it can power speakers in Main, Zone 2, and Zone 3, and share audio to any supported hi-fi system via wireless platforms including Chromecast built-in, DTS Play-Fi® technology, or FlareConnect™. You can also stream content over AirPlay, Wi-Fi®, or Bluetooth® wireless technology. Dynamic Audio Amplification has upgraded parts for earthquake bass and flawless treble: check out the 5 Hz–100 kHz frequency response. The amp’s blistering dynamics, high current, and nuanced voicing gets more from music, be it a vinyl record, Hi-Res Audio album, or mix of sources playing around the house. The receiver also includes AccuEQ Advance room-acoustic calibration with AccuReflex™ for a cohesive theater-room soundstage.

**HIGHLIGHTS**

- Supports 5.2.4-ch Dolby Atmos® and DTS:X® playback
- 215 W per channel
- HDMP 7.1 (1 Front®), Main Out, and Sub/Zone 2 Out (2.2.2 channels) with supporting 4K/60 Hz, HDR10, HLG, Dolby Vision®, BT 2020, and HDCP 2.2 pass-through
- Dynamic Audio Amplification with 5 Hz–100 kHz reproduction
- Chromecast built-in
- Works with the Google Assistant
- 5 GHz/2.4 GHz Wi-Fi, FlareConnect™, DTS Play-Fi® technology, AirPlay, Amazon Music, Spotify, TIDAL, Deezer, Pandora®, TuneIn®
- Bluetooth® wireless audio technology for mobile, laptop, tablet, and other devices
- Onkyo Controller app*4 for easy multi-room operation
- Supports audio streaming from iPad, iPhone, Mac, and iTunes via AirPlay
- Amazon Music, Spotify, TIDAL, Pandora®, and Deezer music streaming services and TuneIn internet radio
- FlareConnect multi-room audio distribution to compatible components
- Hi-Res Audio playback including DSD 5.6 MHz/2.8 MHz®, 192 kHz/24-bit FLAC®, WAV (RIFF®), AIF, ALAC®, and Dolby® TrueHD®
- Powered ZONE 2 and powered ZONE 3 speaker outputs, Zone 2 line-level output with DAC supporting digital7 and analog audio playback
- Bluetooth® wireless audio technology for mobile, laptop, and PC (version 4.1 + EDR Profile: A2DP v1.1, AVRCP v1.3)
- Advanced Music Optimiser 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
- 480 de-interlacing (480i to 480p) via HDMI for legacy video formats
- Dynamic Audio Amplification with 5 Hz–100 kHz reproduction
- High-current power to drive large speakers with 4-ohm resistance
- Custom block capacitors for instantaneous power
- VLSC™ (Vector Linear Shaping Circuitry) high-frequency noise removal technology
- Non-phase-shift amplification circuitry for a clear and cohesive audio image
- Discrete output stage circuitry for low distortion

**AMPLIFICATION FEATURES**

- 215 WCH (6 ohms, 1 kHz, 0.08% THD, 1 channel driven)
- 190 WCH (8 ohms, 20 Hz–20 kHz, 0.8% THD, 2 channels driven, FTC)
- Dynamic Audio Amplification with 5 Hz–100 kHz reproduction
- High-current power to drive large speakers with 4-ohm resistance
- Crossover adjustment for each channel

**PROCESSING FEATURES**

- Dolby Atmos and DTS:X reproduction through 5.2.4 or 7.2.2 channels
- HDMP support for 4K/60 Hz, HDR10, HLG, Dolby Vision, 3D, Audio Return Channel, DeepColor®, s xColor®, Lip解码, Dolby Atmos, Dolby TrueHD, DTS:X, DTS-HD Master Audio®, DSD, DVD-Audio, Super Audio CD (SACD), multichannel PCM, and CEC
- Precision AKM (AK4490) 384 kHz/32-bit multichannel DAC
- PLL (Phase Locked Loop) jitter-cleaning technology for SPDIF audio
- 32-bit Digital Signal Processing (DSP)

**CONNECTION FEATURES**

- 7 HDMI inputs (1 Front®, Main Out, Sub/Zone 2 Out)
- Powerful 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 1/8˝ (3.5 mm) analog input (front)
- Phono input (MM) and equalizer for turntable connection
- 2 subwoofer pre-outs
- 1/4 (6.35 mm) headphone jack (front)
- Speaker setup mic input (front)
- Detachable power cable

Other features include:

- 4F/3010/30/50-80/90/100 Hz (20 Hz–20 kHz, 0.08% THD, FTC)
- Dynamic Audio Amplification with 5 Hz–100 kHz reproduction
- High-current power to drive large speakers with 4-ohm resistance
- Custom block capacitors for instantaneous power
- VLSC™ (Vector Linear Shaping Circuitry) high-frequency noise removal technology
- Non-phase-shift amplification circuitry for a clear and cohesive audio image
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**OTHER FEATURES**

- Crossover adjustment for each channel (40/50/60/70/80/90/100/100 Hz)
- AV 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
- Remote control
- Rack-mounting kit (optional RAK-153-JD)

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

Our RZ Series takes performance and build quality to the next level for a reference-level experience. Custom high-current transformer blocks, discrete output transistors, 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 theater and multi-room layouts to suit your style, with details such as i2 V trigger, RS-232C, IP Control, and IR input make home integration easy.

Dynamic Audio Amplification

The design philosophy behind Dynamic Audio Amplification puts greater emphasis on lab measurements and more on how the sound feels in real life. Unique high-current architecture and expert tuning deliver natural transient response, the key to life-like realism. This design philosophy makes the TX-RZ630 by voice.

Dolby Atmos® and DTS:X® without compromise

Experience Dolby Atmos and DTS:X soundtracks as they were meant to be felt, with complete coverage assured by 5.2.4 or 7.2.2-ch speaker layouts. Individual sound sources appear to move, and move in space above and around your audience with life-like realism.

Dolby® and DTS® solutions for 3D sound

DTS Neural:X™ technology and Dolby Surround find spatial cues in legacy soundtracks and upmix for playback through discrete output transistors. Rated to drive nine four-ohm speakers simultaneously, and with patented VLS® digital noise filtering (Front LR) for source-suitable clarity, DAA has muscle and sensitivity for emotionally compelling sound.

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 built-in, you can control music on the TX-RZ630 by voice.

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.

Manage playback with Onkyo Controller

Onkyo Controller app collects streaming services, and network-attached audio into one interface. Select sources, control playback, and distribute audio.

AirPlay, streaming services, and internet radio built in

Music lovers have easy access to their iTune library. Find and stream music from iPad, iPhone, Mac, and PC over the Apple AirPlay wireless audio platform. Further, Amazon Music, Spotify, TIDAL, Deezer, Pandora®, and TuneIn are all baked into the system GUI, making selection easy using Onkyo Controller or Onkyo Music Control App.

AccuEQ Advance for Accurate Calibration

AccuEQ sets speaker distance, 5P 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.

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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, and family members can use their own device to listen in a room or group of rooms.

FareConnect™ wireless multi-room audio

FareConnect shares audio from a network and external audio input sources between compatible components. Enjoy effortless multi-room playback of UP 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.

SPECIFICATIONS

| Amplifier Section | Power output | All channels | 215 W/Ch. (6 ohms, 1kHz, 10% THD, 10 V-p-p) |
| | | 90 W/Ch. (8 ohms, 20 Hz–20 kHz, 10 V-p-p, THD<1%) |
| | Dynamic power | 240 W (1 ohm, 150 V) |
| | | 210 W (4 ohms, Front) |
| | | 120 W (8 ohms, Front) |
| | THD+N (Total Harmonic Distortion + Noise) | Class A: 0.08% (20 Hz–20 kHz, half power) |
| Input sensitivity and impedance | | 200 mV/1k ohms (Line) |
| | | 3.5 V/milik (Phono) |
| Rated RCA output level and impedance | | 1.0 V/ bilateral, (Subwoofer pre-out) |
| | | 0.2 V/ bilateral (Zone pre-out) |
| | Frequency response | 10 Hz–100 kHz ± 1 dB (Direct Mode) |
| Tone control | | +8 dB, -8 dB, +16 dB, -16 dB (Tweaks) |
| Signal-to-Noise ratio | | 106 dB (Line, IRMA) |
| | | 90 dB (Phone, IRMA) |
| Speaker impedance | | 1 ohm, 4 ohms, 8 ohms |

Video Section

| Video Section | Input sensitivity/output level and impedance | Video 1: 1.0 V/75 ohms (Component Y) |
| | | 0.7 V/75 ohms (Component BR) |
| | | 0.7 V/75 ohms (Composite) |

Tuner Section

| Tuner Section | Tuning range | FM | 87.5 MHz–107.9 MHz |
| | | AM | 530 kHz–1700 kHz |
| Pre-WA preset memory | 10 stations |

General

| General | Power supply | AC 120 V, 60 Hz |
| | Power consumption | 170 W |
| | No-sound power consumption | 70 W |
| | Standby power consumption | 0.15 W |

Dimensions (W x H x D)

| Dimensions (W x H x D) | Front Panel | 17 1/8˝ x 6 15/16˝ x 14 15/16˝ |
| | Main Unit | (570 x 288 x 468 mm) |
| | tuner Panel | (435 x 177 x 379.5 mm) |
| Weight | 22.5 lbs. (10.6 kg) |

UPC CODE

| UPC CODE | 888637109612 |

CARTON

| Carton Dimensions (W x H x D) | 22 1/4 x 9 1/16 x 18 1/8˝ |
| Weight | 287 lbs. (130 kg) |

Supplied Accessories

| Supplied Accessories | Power cord | Indoor IR sensor | ANT loop antenna |
| | Speaker setup microphone | Quick Start Guide | Basic Manual |
| | Remote control | AAA (R03) batteries x 2 |

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