Entertainment like you’ve never felt it before

Feed your speakers the sound they deserve with the TX-RZ830, Onkyo’s premier mid-class A/V receiver, and unlock complete 7.2.4-ch object-based audio coverage (outboard stereo amp required), universal 4K HDR pass-through, and custom Dynamic Audio Amplification housed in a robust aluminum-framed chassis. Sound is fluid, expressive, and dynamically faithful to the source, details resolving with astonishing transparency, ideal for high-resolution music including Direct DSD 11.2 MHz, LPs via phono pre-amp, SACD from Blu-ray™ player, or music streamed over AirPlay. Compatibility with popular wireless audio platforms allows the TX-RZ830 to fit in seamlessly with other compatible components for easy multi-room audio. Mobile apps synchronize the content you want in different spaces with Chromecast built-in, DTS Play-Fi® technology, or FlareConnect™. TIDAL, Amazon Music, Spotify, Deezer, and Tuneln are built in for easy navigation. Do your favorites a favor: order the TX-RZ830 and bring what you love to life.

HIGHLIGHTS

- 250 W per channel
- THX® Certified Select™ theater-reference volume and sound quality
- Dynamic Audio Amplification with 5 Hz–100 kHz reproduction
- 5.2.4-ch Dolby Atmos® and DTS:X® (3D audio)
- HDMI® 7 In (1 Front), Main Out, and Sub/Zone 2 Out® supporting 4K60 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, Pandora®, Tuneln®

ADVANCED FEATURES

- THX Certified Select theater-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
- 1.2 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 pre-line-level outputs with DACs for digital™ and analog audio playback
- Cross-compatible upscaling for Dolby® and DTS® soundtracks with Dolby Surround and DTS® Neural:X™ solutions
- AccuEQ Advanced automatic calibration with standing wave correction and 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™
- Audio streaming with Chromecast built-in and voice control through devices with the Google Assistant built-in
- DTS Play-Fi® multi-room audio distribution technology via Onkyo Music Control App™

AMPLIFICATION FEATURES

- 250 W/Ch (6 ohms, 1 kHz, 1% THD, 1-channel driven); 120 W/Ch (8 ohms, 20 Hz–20 kHz, 0.08% THD, 2 channels driven, FTC)
- Onkyo high-current digital Dynamic Audio Amplification system
- 5 Hz–100 kHz reproduction and high power to drive 4-ohm speakers
- H.C.P.S. (High Current Power Supply) customized transformer
- Extra-large custom block capacitors for instant power
- VSLC (Vector Linear Shaping Circuitry) high-frequency noise reduction technology (front/L/R channels)
- Non-phase-shift amp circuitry for a clear and cohesive audio image
- Direct 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 source power amp)
- HDMI support for 4K60 Hz, HDR10, HLG, Dolby Vision, 3D, Audio Return Channel, DeepColor®, x.v.Color®, LipSync®, Dolby Atmos, Dolby TrueHD, DTS:X, DTS:HyD® Master Audio®, DSD, DVD-Audio, Super Audio CD (SACD), multichannel PCM, and CEC
- Precision AKM (AK4492BE) 384 kHz/32-bit multichannel DAC
- PLL (Phase Locked Loop) jitter-cleaning technology for SPDIF audio
- 32-bit Digital Signal Processing (DSP)
- Pristine reproduction of audio-only sources in Pure Audio Mode

**Listening modes for gaming (Rock, Sports, Action, and RPG)**
**Thaxter-Dimensional virtual surround-sound function**
**Direct Mode for audio reproduction close to original source quality**
**Independent tone controls (bas/treble) for all channels**
**Dynamic Audio Amplification with 5 Hz–100 kHz reproduction**
**Volume and sound quality**
**Works with the Google Assistant**
**Chromecast built-in**
**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:HyD® Master Audio®, DSD, DVD-Audio, Super Audio CD (SACD), multichannel PCM, and CEC**
**AVC**
**Speaker setup mic input (front)**
**Supports audio streaming from iPad, iPhone, Mac, and iOS devices with the Google Assistant built-in**
**Supports audio streaming from iPad, iPhone, Mac, and iTunes via AirPlay**
**480i de-interlacing (480i to 480p) via HDMI for legacy video formats**

OTHER FEATURES

- Aluminum front panel, flip door, and volume control
- Crossover adjustment for each channel
- Quick Setup Guide via GUI
- Graphical User Interface with overlaid On-Screen Display via HDMI
- EconoMHH® pass-through and Network Standby functions
- S-mode display dimmer (Normal/Dim/Dimmer)
- 40 PM/AM random presets
- Simple remote control
- Rack-mounting kit (optional RX-180C)
- Front HDMI input does not support ARC, HDMI CEC, 4K/60Hz and 3D. HDMI CEC does not work in Zone 3. HDMI CEC does not work in Zone 3. HDMI CEC does not work in Zone 3. HDMI CEC does not work in Zone 3.
- 480p video format is supported in HDMI 1.4a mode
- 2 HDMI inputs support 4K/60Hz and 3D. HDMI CEC does not work in Zone 3. HDMI CEC does not work in Zone 3. HDMI CEC does not work in Zone 3. HDMI CEC does not work in Zone 3.
- HDMI CEC does not work in Zone 3. HDMI CEC does not work in Zone 3. HDMI CEC does not work in Zone 3. HDMI CEC does not work in Zone 3.
Introducing the TX-RZ830

The TX-RZ830 brings a high-end approach to build and sound to the middle of our A/V receiver range. Our top-of-the-line high-current digital signal processor is deployed with spectacular results. Finally, frequency, frequency range, transient response, and detail resolution are unavailable at the price. With sheer high-current power needed for edge-of-the-seat movie thrills and dry/dry stereo listening, the TX-RZ830 presents as a high-fidelity reference component loaded with connections for a custom install lasting well into the future.

THX® Certified Select™ theater-reference audio

THX Certified Select guarantees theater-reference sound in your home. To gain certification, amplifiers must pass stringent tests covering every aspect of performance. THX Certified Select components suit rooms where screen-to-seat distance is about 10 ft. (3 m) and volume 2,000 cubic ft. (57 m³).

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 low-frequency capability and THX® Design circuitry, and discrete output transistors. Volume control (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 or 7.2.4 channels. Connect an outboard power amp via 1.1.2 multichannel pre-outs for even more expansion. Peaceful sounds aren’t tied to channels standing speakers. Individual sounds aren’t tied to channels and move around your audience.

Dolby® and DTS® solutions for 3D sound

DTS Neural:X® technology and Dolby Surround find cues in legacy soundtracks and remix for playback through modern systems. Dolby Atmos® and Dolby Vision® allow 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.

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, CD, 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.

Power supplied in three zones

With a 5.2-ch theater 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 pre-line outputs are ideal for sharing sources to existing hi-fi systems.

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 playback management across the home are built into the Onkyo Controller app. DTS Play-Fi technology allows you to enjoy quality music from online services, media server, and mobile device to any number of compatible products.

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 video display or projector! The receiver’s HDR10 inputs, Main Out, and SubZone 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.

SPECIFICATIONS

Amplifier Section

| Power channels | 250 W (6 ohms, 1 kHz, 10% THD) | 1 channel driven |
| Power consumption | 250 W (8 ohms, 20 Hz–20 kHz) | 0.08% THD, 2 channels driven, FTC |
| THD+N (Total Harmonic Distortion + Noise) | 0.08% (20 Hz–20 kHz, half power) |
| Input sensitivity and impedance | 200 mV/707 ohms (Line) | 3.2 mV/707 ohms (Phono) |
| Rated RCA output level and impedance | 1 V/1 k-ohms (Subwoofer pre-out) | 7 V (Front, Front) |
| Frequency response | 5 Hz–150 kHz (+/-3 dB) (Direct Mode) |
| Tone control | ±10 dB, 80 Hz (Bass) |
| Signal-to-Noise ratio | 90 dB (Line-R-90), 80 dB (Phono, R-90) |
| Speaker impedance | 4 ohms–8 ohms |

Video Section

| Input sensitivity/output level and impedance | 1 Vp–p/75 ohms (Component Y) | 0.7 Vp–p/75 ohms (PR-90) |
| Tone Section | 0.7 Vp–p/75 ohms (Component Y) |
| Tuning range | FM 87.5 MHz–107.9 MHz |
| AM 530 kHz–1,710 kHz |
| PHM preset memory | 40 stations |

General

| Power supply | AC 120 V~, 60 Hz |
| Power consumption | 875 W |
| No-sound power consumption | 70 W |
| Standby power consumption | 0.5 W |
| Dimension (W x H x D) | 17.0” x 4.3” x 19.1” |
| Weight | 307 lbs. (140 kg) |

UPC CODE

| (1) | 889951002429 |
| CARTON | |
| Dimension (W x H x D) | 22.2” x 17.3” x 7.9” |
| Weight | 375 lbs. (170 kg) |

Supplied Accessories

| Power cord | Indoor 6 ft. antenna | AM loop antenna |
| Speaker setup microphone | Quick Start Guide | Basic Manual |
| Remote controller | AAA (R03) batteries x 2 |

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