ONKYO®

TX-8250 Network Stereo Receiver

BLACK SILVER

Next Generation Network Audio

Hi-Res AUDIO | Chromecast built-in | Wi-Fi CERTIFIED | Bluetooth® | Spotify® | TIDAL | DEEZER

tunein | DAB+ Digital Audio Broadcasting | WRAT WIDE RANGE AMPLIFIER TECHNOLOGY | dts Play-Fi® music is home | ONKYO | FireConnect Powered by BLACKFIRE | AirPlay

Made for iPod iPhone iPad

works with the Google Assistant

Refresh Your Home Media Experience with Hi-fi Sound

Classic stereo amplification is rejuvenated with network functions that simplify audio streaming from personal devices, while adding convenient ways to cast music around the home. The TX-8250 has Chromecast built-in, FireConnect™, and DTS Play-Fi®* multi-room technologies over 5 GHz/2.4 GHz Wi-Fi® for stable connection. You can play from Spotify®, TIDAL, TuneIn, and Deezer services, cast from iTunes and other apps with AirPlay, or stream with *Bluetooth*® technology. As the hub of your home hi-fi, the receiver features abundant analog and digital audio connections along with USB Audio and MM phono equalizer, so you can amplify any source of audio you want. Backed by powerful yet precise amplification for expressive musicality, the TX-8250 is a flexible high-performance solution for seamless home entertainment. *Firmware update required.*

HIGHLIGHTS

- 135 W/Ch Hi-Current Amplification System
- Chromecast built-in, FireConnect™*1, and DTS Play-Fi®*2 Multi-room Audio
- Spotify®, TIDAL, TuneIn, and Deezer Services via Onkyo Controller App*3
- 5 GHz/2.4 GHz Wi-Fi®, AirPlay, and *Bluetooth*® Technology
- Quality AK4452VN DAC for Hi-Res Audio
- MM Phono, Analog, USB, and Digital Audio Inputs
- FM/RDS and DAB/DAB+ Radio with 40 Presets

ADVANCED FEATURES

- 135 W/Ch Stereo Power
  (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC);
  140 W/Ch (6 Ω, 1 kHz, 10%, 1 Channel Driven, JEITA)
- Features Chromecast built-in Wireless Audio Streaming Platform
- FireConnect™ Multi-room Audio Distribution to Wireless Speakers
- Works with Google Assistant Smart Speakers
- Apple AirPlay Audio Streaming from iOS, iTunes, and Supported Apps
- Spotify, TIDAL, TuneIn, and Deezer Streaming Services

- Dual-band 5 GHz/2.4 GHz Wi-Fi for a Stable Connection
- Control and Manage Multi-room Playback with Intuitive Onkyo Controller App for Android™ and iOS Devices
- Stream from Mobile and PC via *Bluetooth* Version 4.1 +LE (A2DP/AVRCP) with Wake On Play, *Bluetooth* Standby, and Auto Connect Function
- FM/RDS, DAB+*4, and AM Radio Tuners with 40-Station Memory Presets
- Radio Station Preset Naming (Up to 10 Characters)
- Audio Playback via USB Flash-memory Devices with Onkyo Controller Navigation
- WRAT (Wide Range Amplifier Technology) with Massive Hi-Current EI Transformer, Custom Power Capacitors, and Low Impedance Drive
- Non-Phase-Shift Amp Circuitry with Discrete Power Transistors
- Optimum Gain Volume Circuitry
- AKM AK4452VN Digital-to-Analog Converter
- Supports Hi-Res Audio via Network and USB (DSD Direct 2.8 MHz/5.6 MHz*5 and 192 kHz/24-bit PCM)
- Decodes FLAC, WAV, ALAC, DSD, AIFF, WMA Lossless, MP3, and AAC Formats via Network and USB
- Advanced Music Optimizer Improves Compressed Digital Audio Quality, Including *Bluetooth* Audio
- Direct Mode for Source-Authentic Audio Reproduction

CONNECTION FEATURES

- 4 Digital Audio Inputs (2 Optical and 2 Gold-plated Coaxial, 192 kHz/24-bit)
- 6 Gold-plated Analog RCA Inputs and 1 Line Output
- Gold-plated Phono Input with MM Equalizer

- Subwoofer Pre-Out
- Speaker Posts with Screw Knobs
- 2 USB Inputs (Front: 5 V/0.5 A, Rear: 5 V/1 A)
- IR (Infra-red) Input and Output
- LAN Input with IP Control Capability for Home Automation Systems
- Gold-plated 6.35 mm Headphone Jack
- RI (Remote Interactive) Terminal

ADDITIONAL FEATURES

- Input Selector Knob and Bass/Treble/Balance Controls
- Front-panel Speaker A/B Drive Selector Button
- 3-Mode Display Dimmer (Normal/Dim/Dimmer)
- Sleep Timer and Battery-free Memory Back-up
- Full-function RI (Remote Interactive) Remote Controller
- Network Standby, *Bluetooth* Standby, and Auto Standby Modes

*1 FireConnect™ is a technology based on Blackfire provided by Blackfire Research Corp., USA. Sampling rates of 44.1 kHz and 48 kHz are supported. Sharing audio from external analog inputs depends on the model and is enabled with a future firmware update. Works with FireConnect™-compatible wireless Onkyo speakers and entertainment systems. *2 Firmware update required. *3 Availability of services may vary with region. Please check before purchase. Subscription may be required. Please check App Store or Google Play™ for device and OS requirements for Onkyo Controller. *4 Enabled with the supplied USB DAB Adapter (UDB-1). *5 DSD playback cannot be guaranteed over wireless LAN.

TX-8250 Network Stereo Receiver

Driving Big Speakers with Boundless Energy

Match your TX-8250 with stereo loudspeakers and add genuine hi-fi sound to all your entertainment sources. Discrete high-current amplifiers, massive transformer, and custom-made capacitors assure effortless driving power with very low distortion. High current grips the speaker cones for more accurate control, restoring vitality and detail to music. Non-phase-shift circuitry, meanwhile, clearly focuses the audio image and reproduces a wide frequency bandwidth for best performance with Hi-Res Audio and vinyl sources.

Stream Instantly with Chromecast built-in

Stream any music from your smartphone, laptop, or PC with ease. Control playback with popular Chromecast-enabled apps you know and love from your iPhone, iPad, Android phone or tablet, Mac or Windows® laptop, or Chromebook.

Ready for DTS Play-Fi® Multi-room Audio

DTS Play-Fi technology lets you stream from linked online services, media server, or device library over Wi-Fi® to any number of compatible products via Onkyo Music Control App for iPad, iPhone, and Android™ phone/tablet. DTS Play-Fi connects systems for synchronized music in every room, and can also stream different music to different rooms from the same device.
* Requires firmware update.

FireConnect™ Wireless Multi-room Audio

FireConnect™ mirrors network audio and external analog sources connected to a master component 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 devices.

Note: Sharing audio from external inputs depends on the model and is enabled with a future 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.

Wi-Fi®, AirPlay, and Built-in Streaming Services

Expect fewer dropouts, faster connection, and less interference over 5 GHz/2.4 GHz Wi-Fi. Access to Spotify®, TIDAL, Deezer, and TuneIn are built into the system GUI—use dedciated apps (where available) or Onkyo Controller to find and play music. Cast from PC and iOS devices from iTunes, together with other supported applications, via AirPlay technology.

Onkyo Controller App for Smartphones and Tablets

Onkyo Controller supports receiver and multi-room control; the selection and distribution of on-demand streaming services; AM/FM/DAB+ station selection; USB disk browsing and more from one easy interface on Apple iOS and Android devices.

Simple USB Music

Plug a USB flash-memory device into the front or rear USB inputs to play digital files. Use Onkyo Controller to easily explore albums on the device. MP3, AAC, ALAC, FLAC, WAV, and DSD are supported. With gigabytes of storage now more affordable than ever, USB Audio puts a huge choice of music at your fingertips.

AM, FM/RDS, and DAB+ Tuners

Scan and save 40 FM/RDS, DAB+, and AM radio stations for easy one-touch recall anytime. Bring a huge variety of programming to your listening space, from news and sport to music and talk radio.

Bluetooth® Transforms Mobile Audio Into Room-filling Sound

With Bluetooth wireless technology, you can stream almost any audio playing on your smartphone, tablet, laptop, or PC. Auto Connect function and wake-on-signal detection gets wireless music happening in moments.

Connects Turntables, CD Players, and Everything in Between

Crafted for music and film lovers seeking authentic hi-fi sound, the TX-8250 is extensively equipped with inputs to connect wide range of players. Use Hi-Res Audio-ready digital audio inputs to route TV or PC audio through to the speakers, line-level inputs for a good-quality CD player or DAC, and the MM phono input for your turntable. Enjoy room-filling reproduction of these as well as FM/DAB+, AM, USB Audio, Network, and Bluetooth sources with ease.

Quality Digital-to-Analog Processing

An AK4452VN digital-to-analog converter from AKM features unique low-distortion filtering technologies ideally suited to the extended frequency response of Hi-Res Audio files. Excellent S/N and low-noise performance assures clear analog conversion of any digital source.

SPECIFICATIONS

Amplifier Section

Power Output	135 W/Ch (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)
	140 W/Ch (6 Ω, 1 kHz, 10%, 1 Channel Driven, JEITA)
Dynamic Power	180 W (3 Ω, Front)
	160 W (4 Ω, Front)
	100 W (8 Ω, Front)
THD+N (Total Harmonic Distortion + Noise)	0.08% (20 Hz–20 kHz, Half Power)
Input Sensitivity and Impedance	200 mV/50 kΩ (Line)
	2.5 mV/50 kΩ (Phono MM)
Rated RCA Output Level and Impedance	150 mV/470 Ω (Pre-Out)
	470 mV/680 Ω (Subwoofer Pre-Out)
Phono Overload	70 mV (MM, 1 kHz, 0.5%)
Frequency Response	10 Hz–100 kHz/+1 dB, -3 dB (Direct Mode)
Tone Control	±10 dB, 100 Hz (Bass)
	±10 dB, 10 kHz (Treble)
Signal-to-Noise Ratio	106 dB (IHF-A, Line In, Speaker Out)
	80 dB (IHF-A, Phono In, Speaker Out)
Speaker Impedance	4 Ω–16 Ω (A or B)
	8 Ω–16 Ω (A + B)
Headphone Output Impedance	390 Ω
Headphone Rated Output	200 mW (32 Ω, 1 kHz, 10%)

Tuner Section

Tuning Frequency Range	
FM/RDS	87.5 MHz–108 MHz
AM	522/530 kHz–1,611/1,710 kHz
FM/AM/DAB+ Preset Memory	
	40 Stations

General

Power Supply	AC 200–230 V, 50/60 Hz
Power Consumption	220 W
Standby Power Consumption	
	0.1 W
No-Sound Power Consumption	
	65 W
Hybrid Standby Power Consumption	
	2.9 W
Dimensions (W x H x D)	435 × 149 × 329 mm
Weight	8.5 kg

CARTON

Dimensions (W x H x D)	572 × 264 × 419 mm
Weight	11.5 kg

Supplied Accessories

• USB DAB Adapter • Indoor FM antenna • Indoor DAB+ antenna • AM loop antenna • Instruction manual • Remote controller • AAA (R03) batteries x 2

Text on receiver may vary with region.

ONKYO http://www.onkyo.com/