ONKYO

TX-8270 Network Stereo Receiver

BLACK SILVER

Next Generation Network Audio

VLSC DAB+ Digital Audio Broadcasting DSD WiFi Bluetooth Play-Fi HDMI

NETWORK STEREO RECEIVER TX-8270

Hi-Res AUDIO · Chromecast built-in · WiFi CERTIFIED · Bluetooth · Spotify · TIDAL · DEEZER

tunein · DAB+ Digital Audio Broadcasting · Dynamic Audio Amplification · VLSC · 384kHz/32bit · dts Play-Fi music is home · ONKYO · FireConnect Powered by BLACKFIRE

AirPlay · Made for iPod iPhone iPad · HDMI

Stereo Hi-Fi Amp Gets You Connected

Put the focus on musicality with the TX-8270, a beautifully engineered stereo amp that's ready to play anything you throw at it. Together with line and phono inputs, there's coaxial and optical digital, four HDMI® inputs, USB, and dual-band Wi-Fi® to support wireless audio technologies. These include DTS Play-Fi®*, Chromecast built-in*, AirPlay, Spotify®, network-attached audio, and streaming services. Built around a massive transformer, audio-grade capacitors, and discrete non-phase-shift circuitry locked into a robust chassis, this amp has high-current power to illuminate your favorite music. Enjoy versatility with easy enhancement of everyday TV entertainment, DAB+ and FM/RDS radio, and more. Paired with speakers of appropriate quality, the TX-8270 will bring a smile to your face every performance.

Future firmware update required.

HIGHLIGHTS

- 160 W/Ch Hi-Current Dynamic Audio Amplification System
- 384 kHz/32-bit (AK4438) DAC for Hi-Res Audio
- HDMI® 4 In / 1 Out for Media Player and TV Connection
- 5 GHz/2.4 GHz Wi-Fi® and *Bluetooth*® Technology
- Chromecast built-in*¹, DTS Play-Fi®*¹, AirPlay, Spotify®
- TIDAL, TuneIn, and Deezer Streaming via Onkyo Controller App
- FM/RDS and DAB/DAB+ Radio with Quick Recall Memory Presets
- FireConnect™ Multi-room Audio Distribution*¹

ADVANCED FEATURES

- 160 W/Ch Stereo Power (6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC); 170 W/Ch Stereo Power (6 Ω, 1 kHz, 10%, 1 Channel Driven, JEITA)
- Massive Hi-Current EI Transformer
- Non-Phase-Shift Amp Circuitry with Discrete Power Output Stages
- Optimum Gain Volume Circuitry
- AKM 384 kHz/32-bit (AK4438) DAC
- VLSC™ (Vector Linear Shaping Circuitry) Noise Filtering Technology
- Dual-band 5 GHz/2.4 GHz Wi-Fi® for Stable Connectivity

- Includes Chromecast built-in*¹, DTS Play-Fi*¹, AirPlay, Spotify, TIDAL, TuneIn, and Deezer*²
- FireConnect™ Multi-room Network/Analog Audio Distribution to Optional Wireless Speakers*¹
- Receiver, Network Audio, and Multi-room Audio Control via free Onkyo Controller Application for Android™ and iOS*³
- *Bluetooth* Wireless Technology for Mobiles, Laptops, and PCs (Version 4.1 + LE, Profile: A2DP v1.2, AVRCP v1.3)
- Zone 2 Line Outs with Dedicated DAC for NET/USB Audio Distribution
- FM/RDS and DAB/DAB+ Tuners with 40 Station Presets
- HDMI Supports HDCP 2.2, 4K/60 Hz, HDR, 3D, Audio Return Channel, DeepColor™, x.v.Color™, LipSync, DSD*⁴, DVD-Audio, Super Audio CD (SACD), and CEC
- Supports Dolby Vision™ Signal Pass-through
- Supports Hi-Res Audio via Network (DSD 5.6 MHz*⁴ and 192 kHz/24-bit PCM*⁵)
- Decodes FLAC, WAV, ALAC, DSD*⁴, AIFF, WMA Lossless, MP3, and AAC Formats Over Network and USB
- Aluminum Front Panel and Volume Control Knob

*1 Requires a firmware update or updates TBA. *2 Availability of services may vary with region. Please confirm before purchase. Subscription may also be required. *3 For iOS and Android devices. Check App Store or Google Play™ for OS and device requirements. *4 After PCM conversion. *5 Not supported over wireless LAN or USB.*

CONNECTION FEATURES

- 4 HDMI Inputs / 1 Output (4K/60 Hz / HDCP 2.2)
- 3 Digital Audio Inputs (2 Optical and 1 Coaxial)
- Gold-plated 3 Analog Audio Inputs
- Gold-plated MM Phono Input with Phono Equalizer

- Gold-plated Zone 2 Line Outs
- Gold-plated Subwoofer Pre Out
- Two Pairs of Speaker Post with Screw Knobs for A/B Drive
- 5 V / 1 A USB Port for Audio Playback via USB Storage Devices (Front)
- 5 V / 500 mA USB Terminal for HDMI Media Player Power Supply (Rear)
- IR Input and Output
- LAN Input with IP Control Capability for Home Automation Systems
- Thick, Detachable AC Power Cable
- Gold-Plated 6.35 mm Headphone Jack (Front)

ADDITIONAL FEATURES

- Graphical User Interface with Overlaid On-Screen Display (OSD) via HDMI
- Quick Recall Preset Buttons on Front Panel
- Input Selector Knob and Physical Tone/Balance Controls
- Advanced Music Optimizer Improves Compressed Digital Audio Quality, Including *Bluetooth* Audio
- Direct Mode and Double Bass Mode
- Crossover Adjustment (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)
- Front-panel Speaker A or B Drive Selector Button
- 3-Mode Display Dimmer (Normal/Dim/Dimmer)
- Sleep Timer and Battery-free Memory Back-up
- Full-sized RI Remote Controller
- Network Standby Mode, HDMI Passthrough, and Auto Standby

RC-903S

TX-8270 Network Stereo Receiver

Driving Big Speakers with Vitality and Dynamism

This amp system generates high current with a massive transformer and audio-grade capacitors. Circuitry features discrete output transistors for low distortion and effortless driving power. High current assures accurate control, restoring energy and vitality to your music. Non-phase-shift circuitry, meanwhile, focuses the audio image and reproduces a wide frequency bandwidth to maximize Hi-Res Audio and vinyl playback.

Dynamic Audio Amplification

A Stereo Receiver that Connects Everything

A beautiful stereo receiver crafted for hi-fi enthusiasts, the TX-8270 is also exclusively equipped with connections allowing it to serve as an up-to-date amp for TV entertainment. Joining analog, digital, phono, and USB inputs are HDMI® terminals (connect an Apple TV or similar) together with a Next Generation Network Audio platform. Cast music from familiar apps quickly and easily.

HDMI

Premium Digital-to-Analog Processing

An AK4438 384 kHz/32-bit digital-to-analog converter from AKM features unique low-distortion technologies ideally suited to DSD 5.6 MHz*1 and PCM signals up to 192 kHz/24-bit*2. Together with unique VLSC™ filtering circuitry, which eliminates ultra-high-frequency pulse noise, playback is crystal clear.

*1 Playback after PCM conversion. *2 192/24 PCM not supported over wireless LAN or USB.

VLSC
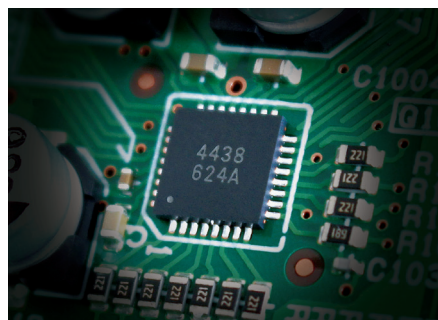
Music Made Easy with Chromecast built-in*

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

Chromecast built-in

Stream Anything with DTS Play-Fi®*

DTS Play-Fi is a wireless protocol that works with any app and smart device. Flick whatever's playing to the receiver, even different sources to different components at the same time.

dts Play-Fi — music is home

Dual-band Wi-Fi®, AirPlay, and Spotify® Connect

A selectable 5 GHz Wi-Fi® channel assures stable connectivity in areas with traffic congestion on the 2.4 GHz band. Enjoy smooth streaming over AirPlay, the Spotify Connect app, and other network audio services.

Wi-Fi CERTIFIED **AirPlay** **Spotify**

Internet Radio, Streaming Services, FM/RDS, and DAB/DAB+

TIDAL, TuneIn, and Deezer are baked into the GUI, making it easy to select from a massive range of music and radio programs. Radio tuners are also included with 40 station presets. Get instant access to four of your favorite stations via preset buttons on the front panel.

TIDAL **DEEZER** **tunein** **DAB+ Digital Audio Broadcasting**

Onkyo Controller for Next Generation Network Audio

Onkyo Controller collects streaming services and network-attached audio into an intuitive interface. Cue and control music and distribute it around the home from one easy-to-use app.

ONKYO

FireConnect™ Wireless Multi-room Audio

FireConnect™ mirrors network audio and external analog sources connected to a master component—from streaming services to vinyl records—on FireConnect™-compatible speakers in other rooms. Music selection, speaker grouping, and playback management across the home is built into Onkyo Controller app for iOS and Android™.

FireConnect **BLACKFIRE**

Note: FireConnect™ is enabled with a firmware update. 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.

* Requires a future firmware update.

SPECIFICATIONS

Amplifier Section

Power Output	160 W/Ch
	(6 Ω, 1 kHz, 1%, 1 Channel Driven, IEC)
	170 W/Ch
	(6 Ω, 1 kHz, 10%, 1 Channel Driven, JEITA)
Dynamic Power	240 W (3 Ω, Front)
	210 W (4 Ω, Front)
	120 W (8 Ω, Front)
THD+N (Total Harmonic Distortion + Noise)	
	0.08% (20 Hz–20 kHz, Half Power)
Damping Factor	Less than 54 (Front, 1 kHz, 8 Ω)
Input Sensitivity and Impedance	
	200 mV/47 kΩ (Line)
Rated RCA Output Level and Impedance	
	1 V/470 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, 90 Hz (Bass)
	±10 dB, 7.5 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
Headphone Output Impedance	
	330 Ω
Headphone Rated Output	80 mW (32 Ω, 1 kHz, 10%)

Tuner Section

Tuning Frequency Range	
FM/RDS	87.5 MHz–108 MHz
FM/DAB+ Preset Memory	40 Stations

General

Power Supply	AC 230 V~, 50 Hz
Standby Power Consumption	
	0.15 W
No-Sound Power Consumption	
	35 W
Network Standby Power Consumption	
	2.8 W
Dimensions (W x H x D)	435 x 149.5 x 329 mm
Weight	8.7 kg

CARTON

Dimensions (W x H x D)	554 X 242 X 401 mm
Weight	11.0 kg

Supplied Accessories

- Indoor FM antenna • Instruction manual • Remote controller
- AAA (R03) batteries x 2

Text on receiver may vary with region.

ONKYO http://www.onkyo.com/

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