ONKYO

TX-8270 Network Stereo Receiver

Next Generation Network Audio

BLACK

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

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

AirPlay · Made for iPod iPhone iPad · HDMI · 4K HDR Ultra HD · HDCP 2.2

Get Connected to Your Favorite Music

Put the focus on musicality with the TX-8270, a beautifully engineered stereo receiver 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® that supports all-new 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, the amplifiers in the TX-8270 have high-current power to illuminate your favorite music. Enjoy versatility with easy enhancement of everyday TV entertainment, FM/AM radio programs, and more. Paired with your favorite speakers, the TX-8270 will bring a smile to your face every performance.

* Firmware update or updates required (TBA).

HIGHLIGHTS

- 100 W/Ch Dynamic Stereo Amplification Power
- 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, Deezer, and Pandora® Streaming via Onkyo Controller App
- FireConnect™ Multi-room Audio Distribution*¹

ADVANCED FEATURES

- 100 W/Ch Stereo Power (8 Ohms, 20 Hz–20 kHz, 0.08% THD, 2 Channels Driven, FTC); 170 W/Ch (6 Ohms, 1 kHz, 10% THD, 2 Channels Driven)
- 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, Pandora®, and Deezer*²

- FireConnect™ Multi-room NET/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/AM Tuner with 40 Station Presets
- HDMI Supports 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 192/24 PCM*⁵)
- Decodes FLAC, WAV, ALAC, DSD*⁴, AIFF, WMA Lossless, MP3, and AAC Formats Over Network and USB

*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. Please 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)
- 3 Analog Gold-plated Audio Inputs
- Gold-plated MM Phono Input with Phono Equalizer
- Gold-plated Zone 2 Line Outs
- Gold-plated Subwoofer Pre Out

- Two Pairs of Banana-plug-ready Speaker Posts 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 ¹/₄″ (6.35 mm) Headphone Jack (Front)

ADDITIONAL FEATURES

- Graphical User Interface with Overlaid On-Screen Display (OSD) via HDMI
- Preset Selector 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 Pass-through, and Auto Standby

TX-8270 Network Stereo Receiver

Driving Big Speakers with Strength 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
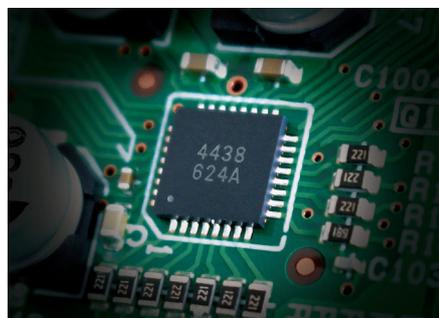
Music Made Easy with Chromecast built-in*

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, and FM/AM Radio

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

TIDAL **DEEZER** **tunein** **pandora®**

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™ powered by Blackfire mirrors network audio sources and any external analog source playing through the receiver—from streaming audio to vinyl—on optional wireless speakers, such as the Onkyo NCP-302. Playback control across the home is via Onkyo Controller.

FireConnect

BLACKFIRE FireConnect™ is a stable wireless protocol that mirrors streaming audio from the receiver to compatible speakers.

Note: Sharing audio from external inputs is model-dependent and is enabled with a future firmware update. Sampling rates up to 48 kHz are supported. FireConnect™ is powered by Blackfire Research Corp., USA.

* Requires a future firmware update.

SPECIFICATIONS

Amplifier Section

Power Output	100 W/Ch (8 Ohms, 20 Hz–20 kHz, 0.08% THD, 2 Channels Driven, FTC) 170 W/Ch (6 Ohms, 1 kHz, 10% THD, 2 Channels Driven)
Dynamic Power	240 W (3 Ohms, Front) 210 W (4 Ohms, Front) 120 W (8 Ohms, Front)
THD+N (Total Harmonic Distortion + Noise)	
	0.08% (20 Hz–20 kHz, Half Power)
Damping Factor	Less than 54 (Front, 1 kHz, 8 Ohms)
Input Sensitivity and Impedance	
	200 mV/47 k-Ohms (Line)
Rated RCA Output Level and Impedance	
	1 V/470 Ohms (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 Ohms–16 Ohms
Headphone Output Impedance	
	330 Ohms
Headphone Rated Output	80 mW (32 Ohms, 1 kHz, 10%)

Tuner Section

Tuning Frequency Range	
FM	87.5 MHz–107.9 MHz
AM	530 kHz–1,710 kHz
Preset Memory	40 Stations

General

Power Supply	AC 120 V, 60 Hz
Standby Power Consumption	
	0.1 W
No-Sound Power Consumption	
	35 W
Network Standby Power Consumption	
	2.6 W
Dimensions (W x H x D)	17 1/8″ × 5 7/8″ × 12 15/16″ (435 × 149.5 × 329 mm)
Weight	18.1 lbs. (8.2 kg)

UPC CODE

(B)	889951000730

CARTON

Dimensions (W x H x D)	21 13/16″ × 9 1/2″ × 15 13/16″ (554 × 242 × 401 mm)
Weight	23.1 lbs. (10.5 kg)

Supplied Accessories

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

Text on receiver may vary with region.

ONKYO http://www.onkyousa.com/