

# TX-8160 Network Stereo Receiver

BLACK



## Magnificent Sound Meets Ultimate Versatility

With 80 W/Ch of pure high-current analog power courtesy of a discrete low-impedance amplification system, your speakers are driven with depth and clarity no matter what audio source you select. And there are so many options: TV sound via digital inputs, music streaming from Spotify or Pandora® over Wi-Fi®, iTunes via AirPlay, MP3s from USB drives, or audio from mobile apps via Bluetooth technology. There’s also a phono equalizer for your turntable and other players can be connected using the digital and analog ins. Zone 2 pre-outs send any source, including streaming audio, to a spare power amp and pair of speakers—you can even control playback from your phone. BGM Preset stores your best FM/AM and internet radio stations, so entertainment is only a button push away. Don’t settle for second best: with almost 70 years’ experience building premium stereo gear, nothing else performs like an Onkyo.

### HIGHLIGHTS

- 80 W per Channel
- Built-in Wi-Fi® for Wireless Audio
- Bluetooth Audio Support for Wireless Audio Playback
- Pandora®, Spotify Connect, and AirPlay
- Phono Input
- Hi-Current Amp Design
- 384 kHz/32-bit Hi-Grade DAC
- 4 Quick-Access BGM Presets

### AMPLIFIER AND CONNECTION FEATURES

- 80 W/Ch (8 Ohms, 20 Hz–20 kHz, 0.1% THD, 2 Channels Driven, FTC); 110 W/Ch (6 Ohms, 1 kHz, 0.1% THD, 1 Channel Driven, FTC)
- Non-Phase-Shift Amp Design for Realistic Sound Imaging
- Discrete Amplifier Design with Massive EI Transformer
- Two Custom-Made 8,200 µF Hi-Current Capacitors
- AKM AK4452 384 kHz/32-bit Hi-Grade DAC

- Plays Music from Mass-Storage-Class USB Memory Devices
- Supports Onkyo Remote App for Control of Receiver via iPod touch®/iPhone® and Android™ Devices\*1
- Plays Compressed, Lossless, and Hi-Res Audio via Local Network (MP3, WMA, WMA Lossless, FLAC, WAV, Ogg Vorbis, AAC, Apple Lossless, DSD 5.6 MHz, and LPCM)
- Internet Radio and Music Streaming Subscription Services Included (TuneIn Radio, Pandora®, Slacker™, SiriusXM Internet Radio®, Spotify, and Deezer)®2
- Certified with Windows® 8 and DLNA Version 1.5
- Direct Mode
- 4 Digital Audio Inputs (2 Optical and 2 Coaxial)
- 6 Analog Audio Inputs (Excluding Phono Input) and 1 Output
- MM Phono Input
- Zone 2 Pre-Outs for Distributed Audio Playback in Another Room
- Zone 2 DAC for Internet Radio Playback in Another Room
- Subwoofer Pre Out
- Speaker A/B Drive
- IR Input and Output
- Gold-Plated Headphone Jack

\*1 Compatible models: iPod touch 3rd generation or later; iPhone 3GS or later running iOS 4.2 or later; Android 2.1 or later. \*2 Availability of services depends on region.

### TUNER FEATURES

- 40 FM/AM Random Presets
- Preset Station Naming (Up to 10 Characters)

### OTHER FEATURES

- Anti-Vibration Oval Chassis
- Gold-Plated Audio Terminals
- Banana Plug-Compatible Speaker Posts
- Front USB Port for WAV 96 kHz, DSD 2.8 MHz, and MP3 Playback
- Auto Power On via Optical When Signal is Detected
- Independent Bass, Treble, and Balance Controls
- Network Standby Capability
- 3-Mode Display Dimmer (Normal/Dim/Dimmer)
- Sleep Timer (via Remote)
- Battery-free Memory Back-up
- Compatible with RI (Remote Interactive) Dock for iPod/iPhone
- Full-Function RI Remote Control



# TX-8160 Network Stereo Receiver

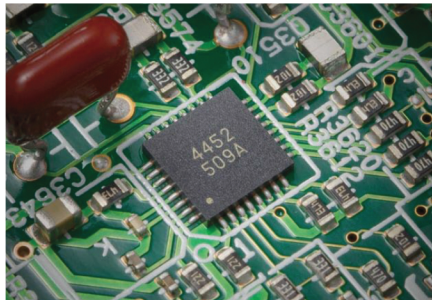
## Hi-Current Non-Phase-Shift Amplification

High current enhances control of the speakers for extremely accurate and dynamic sound. It's the cornerstone of our WRAT system, which is also prevents phase shift by pushing the roll-off point higher than the listening-level frequency. This creates an uncommonly well-focused and realistic audio image.



## Hi-Grade 384 kHz/32-bit DAC

An Asahi Kasei AK4452 digital-to-analog converter unlocks the full potential of any audio format thanks to unique low-distortion sound-enhancing filtering technologies.



## Quick-Access Presets

Get instant access to four of your favorite FM/AM or internet radio stations at the touch of a button.



## Ready for Hi-Res Audio

The TX-8160 is engineered for universal Hi-Res compatibility and ease of use. Use the remote app to select your 192/24 or 5.6 MHz DSD files on PC or NAS and bask in the clarity and detail of high-resolution music.



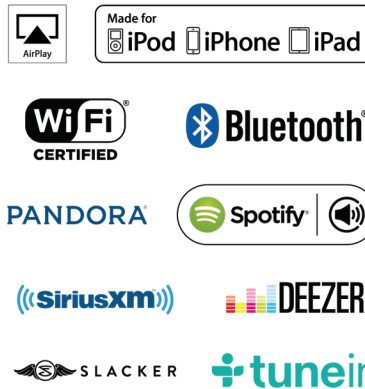
## Rediscover the Magic of Vinyl

Hi-current amplification brings out the best in your vinyl records—just connect your turntable via the phono input. Long-time collector or just starting out, the TX-8160 will delight with authentic stereo sound.



## Bluetooth Audio, Wi-Fi®, and AirPlay with Pandora® and Spotify

Stream virtually any audio to your system with zero hassle. Available internet radio and music subscription services include Pandora, Spotify, and much more.



## Internet Radio Playback in Another Room

An additional DAC and Zone 2 pre-outs send any audio (even streamed audio) to a second room equipped with a power amp and a pair of speakers, perhaps on the deck or in the garage. Play the same source in both rooms or a different source in Zone 2.



## SPECIFICATIONS

### Amplifier Section

<b>Power Output</b>	80 W/Ch (8 Ohms, 20 Hz–20 kHz, 0.1%, 2 Channels Driven, FTC) 110 W/Ch (6 Ohms, 1 kHz, 0.1%, 1 Channel Driven, FTC)
<b>Dynamic Power</b>	190 W (3 Ohms) 170 W (4 Ohms) 110 W (8 Ohms)
<b>THD+N (Total Harmonic Distortion + Noise)</b>	0.08% (20 Hz–20 kHz, Half Power)
<b>Input Sensitivity and Impedance</b>	200 mV/47 k-ohms (Line) 3.5 mV/47 k-ohms (Phono MM)
<b>Rated RCA Output Level and Impedance</b>	1 V/680 Ohms (Subwoofer Pre Out) 1 V/2.2 k-ohms (Zone 2 Pre/Line Out)
<b>Phono Overload</b>	70 mV (MM, 1 kHz, 0.5%)
<b>Frequency Response</b>	10 Hz–100 kHz/±1 dB, -3 dB (Direct/Pure Audio Mode)
<b>Tone Control</b>	±10 dB, 100 Hz (Bass) ±10 dB, 10 kHz (Treble)
<b>Signal-to-Noise Ratio</b>	106 dB (IHF-A, Line In, Speaker Out) 80 dB (IHF-A, Phono In, Speaker Out)
<b>Speaker Impedance</b>	4 Ohms–16 Ohms
<b>Headphone Output Impedance</b>	390 Ohms
<b>Headphone Rated Output</b>	200 mV/32 Ohms, 1 kHz, 10%

### Tuner Section

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

### General

<b>Power Supply</b>	AC 120V–, 60 Hz
<b>Power Consumption</b>	2.7 A
<b>Standby Power Consumption</b>	0.15 W
<b>No-Sound Power Consumption</b>	50 W
<b>Network Standby Power Consumption</b>	2.9 W
<b>Dimensions (W x H x D)</b>	17 1/8" x 5 7/8" x 12 15/16" (435 x 149 x 328 mm)
<b>Weight</b>	18.3 lbs. (8.3 kg)
<b>CARTON</b>	
<b>Dimensions (W x H x D)</b>	22 1/2" x 10 3/8" x 16 1/2" (572 x 264 x 419 mm)
<b>Weight</b>	23.1 lbs. (10.5 kg)

### UPC CODE

(B)	751398012372
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### Supplied Accessories

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



Text on receiver may vary with region.

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