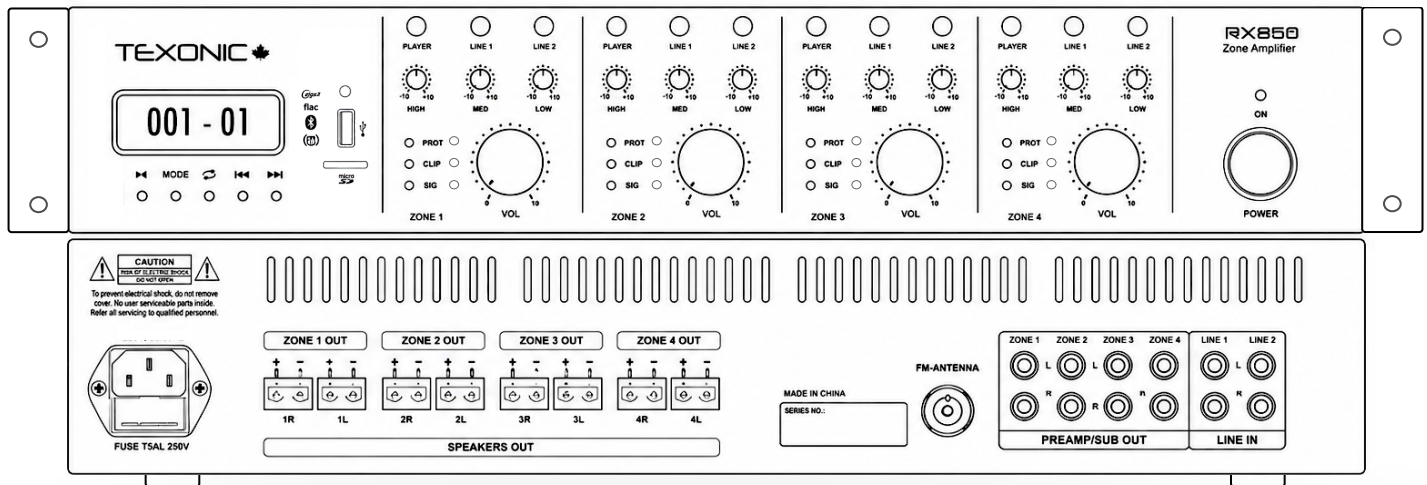


RX850

8 Channel 4 Zone Amplifier



INTRODUCTION

The TEXONIC RX850 is a 2U rack-mount zone amplifier designed for commercial and residential audio systems. It supports four zones with eight speaker channels, making it suitable for background music, and multi-room sound.

Each zone includes source selection, signal/protection indicators, tone control, and volume control. The built-in media player supports Bluetooth, FM radio, USB, and Micro SD playback.

KEY FEATURES

- 8 speaker channels arranged as four stereo zones.
- Built-in Bluetooth, FM tuner, USB, and Micro SD media player.
- 3 x 4 audio matrix: route Player, LINE 1, or LINE 2 to any zone.
- Per-zone HIGH, MID, LOW tone control and volume control.
- RCA line outputs for active subwoofers or additional amplifiers.
- 2U, 19-inch rack-mountable design for professional installs.

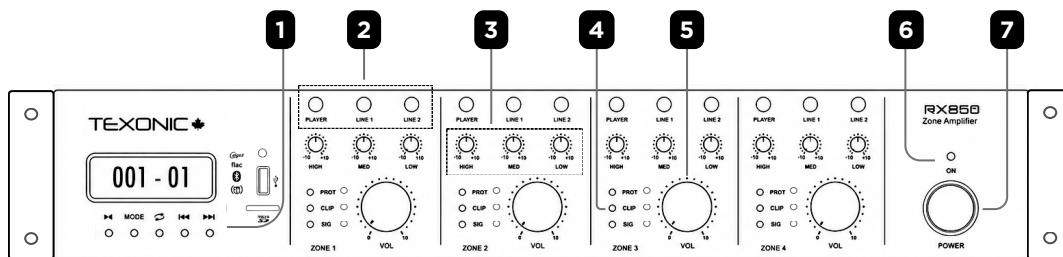
WHAT IS INCLUDED

1 x RX850 amplifier 1 x Remote control Rack-mount hardware User manual 1 x AC power cable

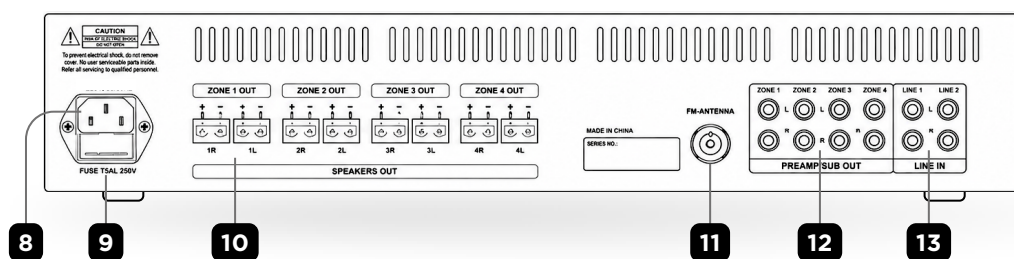
TECHNICAL SPECIFICATIONS

Power Supply	115V, 50/60 Hz
Rated Output Power	50W × 8 (8Ω stereo) 100W × 8 (4Ω stereo)
Maximum Output Power	640W (MAX)
Output Mode	Stereo / Parallel (4–8Ω)
Frequency Response	20Hz – 20kHz (±1.5 dB)
THD	< 0.1% (8Ω, 1kHz)
Signal-to-Noise Ratio	≥ 80 dB (A-weighted)
Input Sensitivity	1V (Unbalanced, 4 RCA)AUX: 250 mV (2 RCA)
Tone Control	Bass: ±9 dB (100kHz) Midrange: ±9 dB (1 kHz)Treble: ±9 dB (10 kHz)
AUX Output	RCA
Output Impedance	4–8Ω
Protection Circuit	Overheating, Short-Circuit, DC Protection
Dimensions (W × D × H)	21.26" × 15.94" × 5.91" (54cm × 40.5cm × 15cm)
Net Weight	12.1 lbs (5.5 kg)

FRONT & REAR PANEL CONNECTIONS



Front Panel			
1	Media player - Bluetooth, FM tuner, USB port & Micro SD.	2	Source selector - choose Player, LINE 1, or LINE 2 for each zone.
4	Zone indicators - SIG, CLIP, and PROT status lights.	5	Zone volume controls - adjust output level for each zone.
6	Power indicator - shows the amplifier power status.		
7	Power switch - turns the amplifier on or off.		

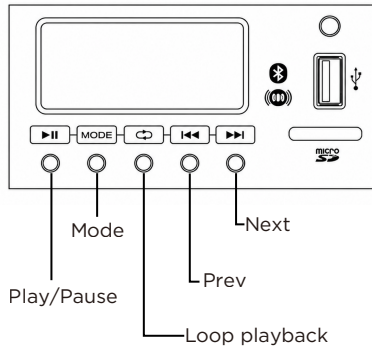


Rear Panel			
8	AC power input socket.	9	Fuse holder. Replace only with the same fuse type and rating.
11	FM antenna connector.	12	RCA line outputs for all Zones. Use for active subwoofers or additional power amplifiers.
		13	RCA line inputs for LINE 1 and LINE 2 external audio sources.

Indicator Guide

SIG flashes when audio signal is present. CLIP shows the signal is too high; reduce volume or input level. PROT lights during start-up and may stay on if the amplifier enters protection mode.

MEDIA PLAYER AND REMOTE FUNCTIONS



PLAY/PAUSE 
Play and pause media.

Mode Selection:

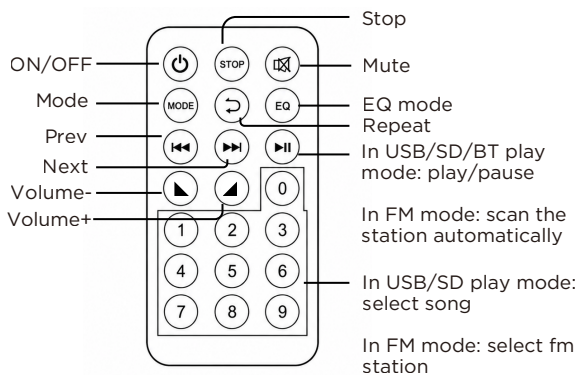
Press the **MODE** button to switch between different playback options: Bluetooth, FM Radio, and AUX. You can also play media files directly from a USB drive or Micro SD card.

Continuous Playback: 

Plays MP3 audio files continuously on repeat without interruption.

PREVIOUS/NEXT, SELECT or VOLUME  

Press once to skip to the previous or next track. Press and hold to decrease or increase the volume.



MODE: Select Bluetooth, FM, AUX, USB, or Micro SD

PLAY/PAUSE: Play or pause media; scan FM stations

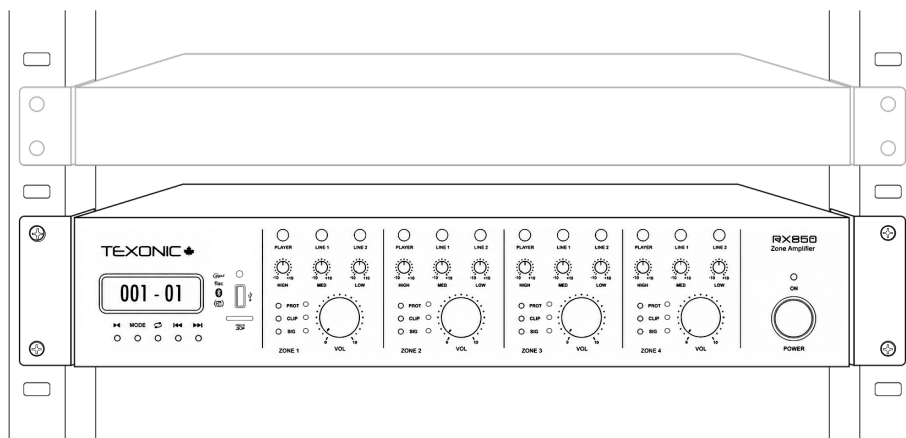
PREV/NEXT: Skip track or select FM station

VOLUME +/- Adjust media player level

REPEAT: Continuous playback from USB or Micro SD

MOUNTING IN STANDARD RACK

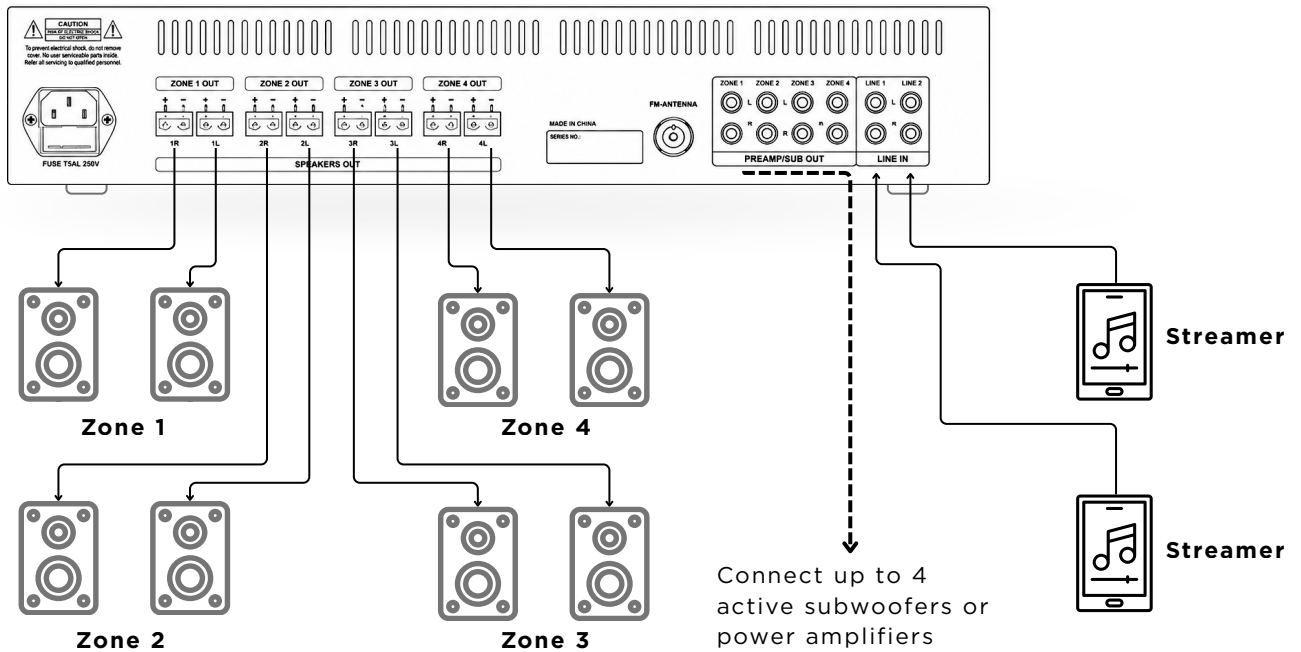
The RX850 features a standard 2U form factor, making it easy to install in an equipment rack. To mount it in a standard rack, attach the included rack-mount brackets to each side of the unit, align them with the screw holes, and tighten the screws securely.



Rear-side screw holes allow the amplifier to be mounted securely to the rack, providing improved stability.

ZONE CONNECTION

Connect speakers to the correct zone outputs and keep wiring polarity consistent. You can play the same audio source in all four zones at the same time, or assign Media Player, LINE 1, or LINE 2 to each zone independently.





Copyright 2025 by TEXONIC. All Rights Reserved.

TEXONIC reserves the right to make changes to specifications and/or product design without prior notice. Diagrams are for illustration purposes and may not fully represent the product you have.