

Tel.: +86 20 39388220

Web: <http://www.rhaudiopa.com/>

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Email: info@rh-audio.net

PA System BT/MP3/FM Mixer Amplifier



- ※ CE-RED & RoHS certified.
- ※ Built-in U disk MP3 player, FM tuner and Bluetooth receiver.
- ※ Power rates: 60W/120W/240W/350W/500W available.
- ※ Aluminium alloy panel with standard 19" 2U height.
- ※ TOSHIBA amplifier transistors.
- ※ 100% pure copper toroidal transformers.
- ※ 70V/100V and 4~16Ω loads.
- ※ 3 MIC inputs, 2 LINE inputs, 1 LINE output.
- ※ Individual volume controller for MIC & AUX inputs.
- ※ MASTER volume controller.
- ※ BASS and TREBLE tone controller.
- ※ MIC1 has priority over other inputs.
- ※ Protections of short circuit, overload, high temperature.

Description

RH-AUDIO Audio Source Mixing Amplifiers have features of built-in MP3 player with a USB slot for connecting external U Disk, FM radio function, and Bluetooth connected with external mobile devices.

This series of pa amplifiers also possess a feature of muting function that MIC1 input overrides MIC2, MIC3 AUX1, AUX2 inputs with 0~30dB dB attenuation, can be adjusted via a knob on rear panel.

Included a balanced line level output for adding additional power amplifiers, and featured complete protection is provided for output short circuit, overload, high temperature, peak current limiters.

The mixer amplifiers are designed with either 4 to 16 ohms(Ω) and 70/100-volt loads, this volt load solution can be applied to any public address audio communications in the form of a constant-voltage system (typically 70 volts in the U.S. and 100 volts in other countries), often used when a single power amplifier drives many loudspeakers through long cable runs, widely used in the distributed speaker systems for PA, paging, or low-SPL background music.



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Specification of [Audio Source Mixing Amplifiers](#)

Model	RH2807PM	RH2813PM	RH2826PM	RH2836PM	RH2850PM
Rated Power	60W	120W	240W	350W	500W
Output Mode	4-16 ohms;70V/100V line voltage				
6 zone Output	100V line voltage				
MIC Input	MIC1/ MIC2/MIC3:600 ohms 5-8 mV , Unbalanced				
AUX Input	AUX1/ AUX2:10k ohms 150-470 mV , Unbalanced				
FM Frequency Range	87.5 MHz~108 MHz				
External Audio Input	USB slot,RCA connector				
Frequency Response	60Hz~15kHz(± 3 dB)				
THD	<0.5% at 1kHz,1/3 rated power				
S/N	Line:85 dB,MIC:>72 dB				
Tone	BASS:100 Hz(± 10 dB),TREBLE:12kHz(± 10 dB)				
Muting Function	MIC1 overrides MIC2,MIC3,AUX1,AUX2 with 0~30dB dB attenuation				
Cooling	DC 12V FAN				



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Protection	AC fuse, short circuit, overload, high temperature				
LED Indicators	POWER, SIGNAL, CLIP, PROTECT				
Power supply	Optional				
Power Consumption	95W	175W	350W	485W	640W
Dimensions	89(H)x483(W)x366(D)mm				
Packing Size	185(H)x520(W)x435(D)mm				
Net Weight	11.2Kg	12.7Kg	15.1Kg	16.1Kg	18.6Kg
Gross Weight	11.8Kg	13.6Kg	16Kg	17Kg	19.8Kg



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