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BGM 6 Zoning Amplifier



The BGM [6 Zoning Amplifiers](#) are designed with overall 70/100-volt or 4 to 16 ohms(Ω) loads and featured an industry leading 6- zoned 100 volt load solution, skillfully engineered into a 2U housing with rack mounting holes on both ends of front panel.

60/120/240/350/500 watts of amplifier power are available,with provided an audio output to 6 different zones within the venue, each zone has its own separate switch on/off manually operated on front panel.

Like any other mixer amplifiers of ours,the [RH-AUDIO](#) 6 zoned amplifiers support two aux mono inputs,three local microphone inputs via 6.3mm interface,featuring muting function that MIC1 overrides MIC2,MIC3 AUX1,AUX2 with 0~30dB attenuation.

Widely used for any kind of public areas where background music and voice announcement system are required.

How to Install [6 Zone MP3 FM Tuner Amplifier?](#)

The amplifier can be divided into front amplifier circuit and post amplifier circuit. The box body that has the combination of these two circuits is a mixer amplifier. In addition, if the front amplifier circuit and the post stage amplifier circuit are separately installed in two boxes, the front amplifier circuit is the tone amplifier circuit, commonly known as the front stage, is to amplify the various sound source signals for the post stage amplifier to drive the sound box; the pure post stage amplifier, commonly known as the post stage, the post stage can better drive the sound box only through the front stage.

Front amplifier is the pre-amplifier and control part before the amplifier. It has functions like enhance the voltage amplitude of the signal and provide input signal selection, tone adjustment and volume control. The pre-amplifier is also known as the front stage. The power amplifier, short for amplifier, is an electronic device used to enhance the signal frequency to drive the loudspeaker. The power amplifier without auxiliary functions such as signal source selection and volume control is called the post stage. The box body which is equipped with both the front amplifier and



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power amplifier is called a mixer amplifier.

- ※ CE & RoHS certified.
- ※ Power rates: 60W/120W/240W/350W/500W available.
- ※ 6-zoned 100V speaker outputs with separate switch ON/OFF and LED indicator.
- ※ 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.

Model	RH2807PF	RH2813PF	RH2826PF	RH2836PF	RH2850PF
Rated Power	60W	120W	240W	350W	500W
Output Mode	4-16 ohms;70V/100V line voltage				
MIC Input	MIC1/ MIC2/MIC3:600 ohms 5-8 mV , Unbalanced				
AUX Input	AUX1/ AUX2:10k ohms 150-470 mV , Unbalanced				
Frequency Response	60Hz~15kHz(±3dB)				
THD	<0.5% at 1kHz,1/3 rated power				
S/N	Line:85 dB,MIC:>72 dB				
Tone	BASS:100 Hz(±10dB),TREBLE:12kHz(±10dB)				
Muting Function	MIC1 overrides MIC2,MIC3,AUX1,AUX2 with 0~30dB dB attenuation				
Cooling	DC 12V FAN				
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				



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Net Weight	11.2Kg	12.7Kg	15.1Kg	16.1Kg	18.6Kg
Gross Weight	11.8Kg	13.6K	16Kg	17Kg	19.8Kg

