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Multiple Zone Amplifier with Audio Source



RH-AUDIO 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.

A variety of audio source options have been engineered into these multi zone amplifier series including MP3 player of connecting external USB/SD drive,FM tuner,wireless bluetooth receiver,three microphone interfaces and two aux RCA ports.

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,and each zone has its own LED indicator,shall light green for on.

Microphone input (MIC1) fitted on front panel features muting function by overriding the other inputs of MIC2,MIC3 AUX1,AUX2 with 0~30dB attenuation.

These sophisticated mixer amplifiers are ideal choices for the commercial distributed audio system solutions such as for clothing store,convenience store, coffee shop,classroom,restaurant,and so on.

The characteristics of [sound mixer amplifier](#):

- ※ CE-RED & RoHS certified.
- ※ Built-in SD/USB MP3 player,FM tuner and Bluetooth.
- ※ 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.



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- ※ 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.

The specifications of [Commercial Audio Amplifier](#):

Model	RH2807M F	RH2813M F	RH2826M F	RH2836M F	RH2850M F
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				
Output Regulation	<3 dB,from level without signal to be loaded fully				
Controls	5 volume controls,1 treble control,1bass control,1 mute control<3db,from level without signal to be loaded fully				
Cooling	DC 12V FAN				
Protection	AC fuse, short circuit,overload,high temperature				
LED Indicators	DC12V FAN;Power:'Power';level:'0,2,4,6,8,10'				
Power Cable	(3×0.75mm ²)×1.5m				
Power supply	AC220V±10% 50-60HZ				
Power Consumption	95W	185W	350W	485W	675W
Dimensions	89(H)x483(W)x366(D)mm				



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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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