



🔊 Descriptions & Features

This **PA Mixer Amplifier** (Class AB) is designed to meet the requirements of medium sized professional public address installations, and designed with overall **70/100-volt and 4/8 ohms(Ω)** loads and featured an industry leading **6-zoned 100 volt load solution**, with provided an audio output to 6 different zones within the venue, each zone has its own volume control manually operated on front panel.

Built-in music streaming media including USB player, FM tuner and Bluetooth receiver, a high-definition **LCD display (128*64)** for the working status of playing media source.

Three microphone jacks, Mic1 has priority over background music, Mic2 and Mic3 can provide **48V Phantom Power** for microphone, built-in **echo effect** can create a sense of space, depth and repetition in your sound.

All units feature protections against operation under severe misuse such as over temperature, over voltage, over load and short circuit speaker line conditions with colorful indicators on front panel.

- ※ Built-in music streaming media including USB player, FM tuner and Bt receiver.
- ※ Class AB amplifier solution.
- ※ High-definition LCD display (128*64).
- ※ Overall 70/100-volt and 4/8 ohms(Ω) output loads.
- ※ 6-Zone 100V speaker outputs with separate volume control.
- ※ 48V Phantom Power microphone jacks support unbalanced 6.35mm plug or balanced XLR plug.
- ※ Mic 1 has priority over the background music.
- ※ Built-in echo effect.
- ※ BASS and TREBLE tone controllers. Master volume control.
- ※ Complete protection provided for output short circuit, overload, high temperature.
- ※ Removable rack mounting brackets supplied.

□ Specifications

Model	RH120MF	RH240MF	RH350MF	RH500MF	RH650MF
Rated Power	120W	240W	350W	500W	650W
Output Terminals	120W	Voltage line:70V(38 ohms(Ω)) 100V(77 ohms(Ω))			
	240W	Voltage line:70V(19 ohms(Ω)) 100V(39 ohms(Ω))			
	350W	Voltage line:70V(14 ohms(Ω)) 100V(28 ohms(Ω))			
	500W	Voltage line:70V(10 ohms(Ω)) 100V(20 ohms(Ω))			
	650W	Voltage line:70V(7.54 ohms(Ω)) 100V(15.38 ohms(Ω))			
6 Zone Outputs	100V line voltage				
Media Source	USB,Bluetooth,FM,AUX				
Audio Format	USB: APE,FLAC,WMA,WAV,MP3				
Bluetooth Version	5.0, 2400MHz-2483.5MHz				
FM	87-108MHz				
MIC. Input	MIC1:600 ohms(Ω) 5mV \pm 2mV,unbalanced				
	MIC1:600 ohms(Ω) 5mV \pm 2mV,unbalanced/balanced,48V phantom power				
LINE Input	AUX1/AUX2:10k ohms(Ω) 300mV \pm 2mV,unbalanced				
EMC Input	EMC:10k ohms(Ω) 775mV \pm 50mV,unbalanced				
AUX Output	0.775V (0 dB)				
Freq. Response	60 Hz ~ 15k Hz (\pm 3 dB)				
THD	<0.5% at 1kHz,1/3 of rated power				
S/N	Line:85 dB , MIC:>72 dB				
Tone	BASS:100 Hz (\pm 10 dB) , TREBLE:12k Hz (\pm 10 dB)				
Mute Sensitivity	MIC1 overrides MIC2、 MIC3、 AUX1、 AUX2				
Controls	Volume controls,tone/treble control,power control				
Indicator	POWER,SIGNAL,CLIP,PROTECTION				
Power Fuse	T2A	T4A	T6A	T8A	T10A
AC Power	AC220V \pm 10% 50-60Hz				
Consumption	240W	400W	583W	833W	1083W
Dimension	89(H) \times 430(W) \times 340(D)mm				
Packing Size	185(H) \times 520(W) \times 435(D)mm				
Net Weight	11.50kg	13.80kg	14.50kg	15.50kg	16.60kg
Gross Weight	13.10kg	15.40kg	15.80kg	17.20kg	16.30kg