

RZMA120BT

4 Zone 120W Commercial Rack Mount Mixer Amplifier with 4 x 120 Watts 4 Ohm, 70V/100V and Bluetooth

DESCRIPTION:

Powerful and feature-packed, the Pure Resonance Audio RZMA120BT is a 4 zone commercial mixer amplifier equipped with built-in MP3, FM tuner, Bluetooth and recording capability. This multi-zone mixer amplifier has 4 x 120-watt output capability at 4 Ohm, 70 and 100 Volts. Advanced matrix technology allows four zone selectable inputs to be assigned to a zone, or across multiple zones with the push of a button. A monitor channel provides a 1 watt 8-ohm output for a control room monitor speaker. A remote microphone can be connected via Cat5 for zone paging, and a convenient IR remote is available for volume and source control.

FEATURES:

- 4 channel amplifier in a 3U 19" rack mount design
- All source inputs can be matrix assigned to different 4 zones output simultaneously
- The 5 channel inputs & MP3 input are designed with separate bass, treble and volume control
- 3 microphone/line inputs with phantom power and gain control
- 2 AUX inputs by RAC with gain control
- MP3 player with SD and USB inputs has a separate power supplied module
- Built-in tuner audio source
- 1 4 zone remote microphone input via RJ45 port
- 4 channel line inputs and speaker outputs
- Versatile speaker outputs for each four channels: 70V, 100V and 4 Ω
- RS232 serial control port for third-party system communication
- Priority input to override other inputs (equal to EMC input)
- Input priority level from high to low:
 - Before contact priority control input: MIC1 TEL Remote MIC MIC2= MIC3 = LINE4 = LINE5 = MP3
 - After contact priority control input: TEL MIC1 Remote MIC MIC2 = MIC3 = LINE4 = LINE5 =MP3
- Built-in monitor with volume control
- Extensive protection of thermal, short-circuit, clip and overload with indicators
- Ground lift switch



PRODUCT SPECIFICATIONS:

Rated Power Output	4 Zone Channels x 120W
Speaker Outputs	4 Ω , 70V/100V
Monitor Output	1W/8 Ω
Input Sensitivity and Impedance	CH1, CH2, CH3: MIC: $\pm 2.5\text{mV}/600 \Omega$ PHANTOM: $\pm 2.5\text{mV}$ LINE: $\sim 175\text{mV}/10\text{K} \Omega$ balance input CH5-6: $350\text{mV}/10\text{K} \Omega$ balance input TEL: $350\text{mV}/10\text{K} \Omega$ REMOTE MIC: $\pm 387\text{mV}/10\text{K} \Omega$
Tone	Bass: $\pm 10\text{dB}$ at 100Hz Treble: $\pm 10\text{dB}$ at 100Hz
S/N Ratio	>65dB
LINE 1-4 Output Level	1V/600 Ω (balance output)
Frequency	80-16KHz
MP3	Support MP3 format, max capacity of 32GB
SD File System	Only FAT16, FAT32, the biggest one partition, does not support folder to store
Harmonic Distortion	<1%
Power Consumption	750W
Supply Voltage	$\sim 120\text{V}$ 60Hz
Relative Humidity	<95% (No condensation)
Dimensions (H x W x D)	5.20" (132 mm) x 19" (483 mm) x 17.32" (440 mm)
Weight	41.2 lbs (18.69 kg)
Shipping Weight	45.6 lbs (20.68 kg)

PURE RESONANCE AUDIO

(866) 676-7804

sales@pureresonanceaudio.com

www.PureResonanceAudio.com