

2 Zone Mixer Amplifier with USB/SD/FM/Bluetooth PA-2120MX/PA-2240MX/PA-2350MX/PA-2500MX



DAB+ Module Option

Description:

The PA-2500MX series 2 zone mixer amplifier is designed for 19" rack mount installation or tabletop use both application, it is ideal for both professional sound system and commercial audio solutions, since it is designed with 2 zone speaker outputs support 100V & 8-16Ω. The PA-2500MX series mixer amplifier integrates two 100V & 8 Ω amplifier into one unit, so it could be used as stereo mixer amplifier or 2 zone commercial mixer amplifier. The mixer amplifier is built-in media player of USB/SD/FM/ & Bluetooth, with 3 mic inputs, line input, EMC input, 6 units 2 zone remote paging mic PA-2500RM and 6 units remote panel PA-2500SV and one mute input. 3 Mic/line switchable inputs, 1 aux input and an integral USB/SD/FM audio player with Bluetooth receiver can be matrix switched to any of the 2 zones independently. Mic1 channel with VOX highest priority and each microphone 1-3 inputs have switchable +48V phantom power. A master chime with volume can be used for paging calls and Alerts. The 2 zone mixer amplifier is designed for multi-room commercial audio systems requiring different audio sources & multiple paging microphones, additionally, up to 8 units remote microphones and 2 units 2 zone remote control panes could be connected to this 2 zone mixer amplifier through CAT6 cable , which could be installed in two separate rooms to select different audio sources locally and adjust the local loudspeaker loudness and input Bluetooth to its own room. The mute input could integrate with fire alarm system or other third party system. The amplifier is designed with complete protection includes short-circuit, clip, overload and high temp.

Feature:

- Desktop or 19" rack mount 2 zone public address 2 zone mixer amplifier
- 2 Zone Mixer Amplifier built-in medial player with USB/SD/FM/ & Bluetooth
- Rate power output at 2×120W, 2×240W, 2×350W to 2×500W
- 2 zone separated speaker output of 100V & 8-16Ω
- Each input with zone 1 or zone 2 output selector on front panel
- Each zone output with volume +, volume- and mono control on front panel
- 3 x Mic/line inputs, 1 x RCA line input, 1 x RCA EMC input and 1 x mute input
- Mic/line inputs1-3 of Combo type with switchable +48V phantom power
- With emergency remote mute input
- Input priority level from high to low: Mute, EMC, Mic1 and remote paging mic to others inputs.
- Each amplifier support 8 units 2 zone remote microphones PA-2500RM through CAT6 cable
- Each amplifier support 2 units 2 zone remote control panels PA-2500SV through CAT6 cable
- With short-circuit, clip, overload and high temp protection

PA-2500SV Remote Control Panel

- Communication through CAT6 cable up to 200 ms
- Direct power supply from amplifier
- Audio sources selection and volume control
- 2 units capacity for each matrix controller



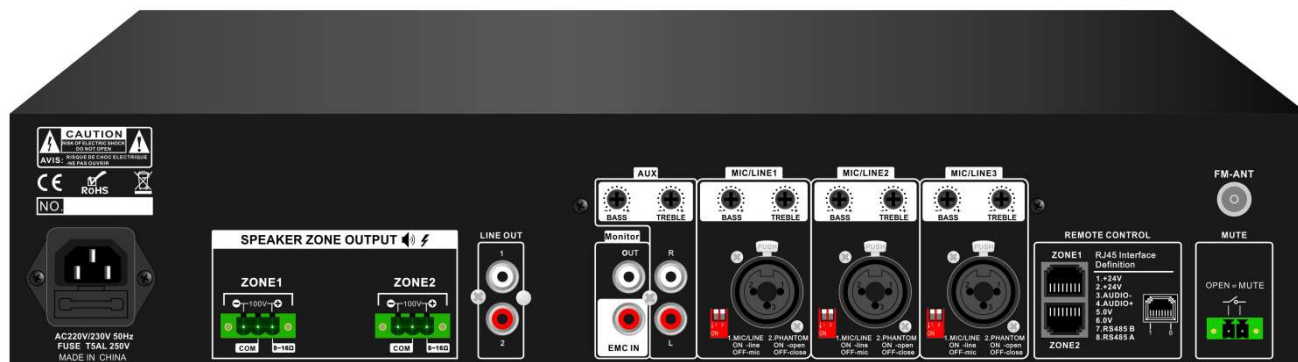
PA-2500RM 2 Zone Remote Microphone

- Communication through CAT6 cable up to 200 ms
- Direct power supply from amplifier
- 2 speaker zone individual, group or all zone paging
- 8 Mics working simultaneously loop connection



2 Zone Mixer Amplifier with USB/SD/FM/Bluetooth PA-2120MX/PA-2240MX/PA-2350MX/PA-2500MX

Rear Panel:



Specification:

Model	PA-2120MX	PA-2240MX	PA-2350MX	PA-2500MX
Description	2 Zone Mixer Amplifier with USB/SD/FM/Bluetooth			
Rated Power Output	2×120W	2×240W	2×350W	2×500W
Speaker Outputs	2 zone separated speaker output of 100V & 8-16Ω			
Connector	Mic/line1-3: 2.5mV, balanced COMBO XLR input with +48V phantom power, Line1 & EMC input: 250mV; RCA type, Mute: Closed circuit= remote mute, open circuit=normal working, Two RJ45 ports for remote microphone & remote control panel			
Input	MIC1-3: 5-8mV, 600Ω; Line, 150-470mV, 10KΩ, unbalanced RCA			
Line Out	0.775(0dBV)			
Frequency Response	60Hz-15kHz(±3dB)			
S/N Ratio	Line ≥ 85dB, Mic ≥ 72dB			
THD	Less than 0.5%			
Protection	short-circuit, clip, overload and high temp protection			
Power Consumption	300W	600W	850W	1200W
Power Supply	230V AC; 50-60Hz			
Dimension	484×405×88mm			
Weight	6.6kg	9.6kg	11.9kg	13.7kg

Connection Diagram:

