

Operation Manual

PA Mixing and Power Amplifier

Model: PA-130

PA-240

PA-360

PM-240

PM-360

P-480 (Power Amp)

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Overview

This is a new concept series of PA Mixing Amplifier, it provided 4 microphone/line inputs with Phantom power supply and CHIME trigger function. Individual VOX can be selected for each microphone input. 2 AUX Input and MP3 Player use one select button to control the output via AUX Volume. Power Amplifier have 2 type Output (8 Ohm and 100V), 6 Zones Speaker Out with 6 Steps Volume Control. EMC (Emergency Message Control) is a highest priority input for FIRE announcement. External Dry Contact direct control the MUTE function for Main Output and Zones.

You can easy to install into equipment rack with the Rack Mount Ears. Total 6 models provide Wide range solution for Public Address Sound System project (130W to 480W).

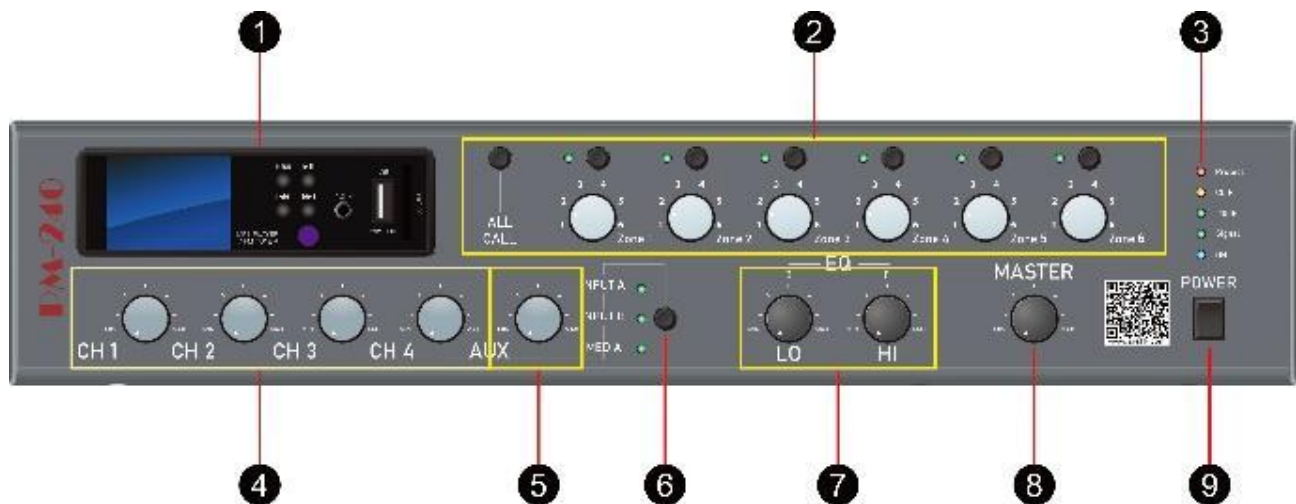
Features

- Three Balanced Microphone or Line Inputs used COMBO XLR Socket and Euro Block Terminal Connectors
- ALL Microphones provided Phantom Power and Select CHIME function
- CHIME Level Adjustable and controlled by each microphone dry contact trigger
- Individual VOX Control of 4 microphones Input
- Two AUX Input with RCA jacks
- Bulti-in MP3 Player (MP-240 & MP-360 ONLY)
- One External switch controlled the amplifier into MUTE status
- Six Zones Speaker Output with 6 Steps Volume Control
- Remote On/Off each Speaker Zone Output
- Desktop and 19-inches Rack Mountable Type.

Specifications

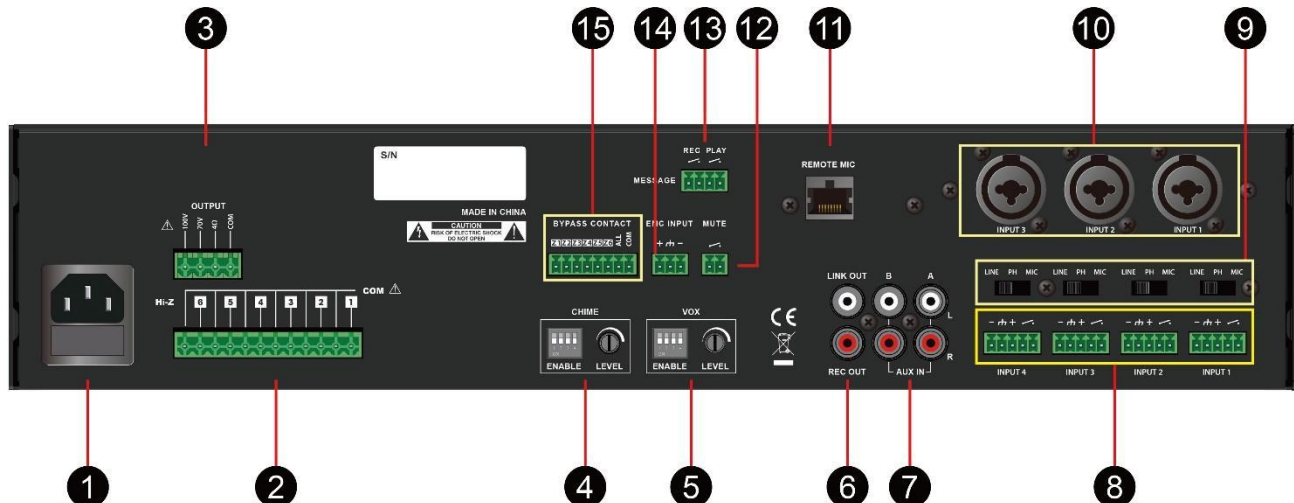
Model	PA-130	PA-240	PA-360	PM-240	PM-360	P-480
Input Sensitivity/Impedance						
Channel 1 to 4	-36dB/-10dB Adjustable/20KΩ Balanced					-
AUX	0dB/ 20KΩ Balanced					
Remote Mic	0dB/ 20KΩ Balanced					-
Frequency Response	65Hz - 18KHz					
Output Level	Impedance (Ω)					
Hi (100V)	83	42	28	42	28	21
Hi (70V)	42	21	14	21	14	10
Low	22V/4Ω	31V/4Ω	38V/4Ω	31V/4Ω	38V/4Ω	43V/4Ω
Rec OUT	0dB / 600Ω Unbalanced					-
Link OUT	0dB / 600Ω Unbalanced					-
Tone Control						
100Hz, 10KHz	±10dB+3dB					-
THD at 1 KHz rated power	Less than 1%					
Phantom Power	+48 VDC					
Operating Temperature	0°~40°C at 95% humidity					
Cooling	Convection Cooled					
Power Source	AC220V 50/60Hz					
Dimensions (Width/Height/Depth)	420 mm X 88 mm X 320 mm					
Net Weight	9Kg	10Kg	11Kg	9Kg	10Kg	12Kg

Front Panel



1. MP3 Player
2. 6 Zones Speaker Output with Volume Control (100-50-38-25-12.5-6.5V)
3. Status Indicator (Protect, Clip, -10dB, Signal, Power ON)
4. MIC/LINE Input Level Adjustment
5. AUX IN and MP3 Player Level Adjustment
6. AUX and MP3 Player Selector
7. TONE Control (100Hz / 10KHz)
8. Master Level Adjustment
9. Main Power Switch

REAR Panel



1. AC 220V Power Input
2. 6 Zones Speaker Output Connectors
3. Main Speaker Output
4. CHIME Control (Push Down the Specify Channel Switch can be Trigger the signal Output before Paging, clockwise will be increase the Output Level)
5. VOX (Voice-Operated Exchange) Control (Push Down the Specify Channel Switch can be Trigger VOX Function, clockwise will be increase the Muting Level)
6. REC Out or Line Output (Link to Power Amplifier or Next Device)
7. AUX Input A & B (RCA Jack)
8. 4 Channels Balance MIC/LINE Input Trigger ON Switch for CHIME Function
9. Input Selector for MIC/Phantom Power/LINE, please select PH for Condenser Mics.
10. CH1-3 Combo XLR Socket, Balance 6.35 Jack can be used together
11. Remote Microphone (Optional)
12. Remote Full Mute Connector (Fully Mute when the connector in close circuit)
13. Internal Message REC and Playback Trigger Connector (Max. 50 Second, 100-5KHz)
14. EMC (Emergency Message Call) Input, this is a Very High Level Override Input Terminal, Specially for FIRE and Emergency Message Signal Input.
15. Remote Control 6 Zones Speaker Output Relay Connector

— End —

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