

# Mixer Amplifiers

▶ (AMP-M1-120 / 250 / 350 )

## ▶ INTRODUCTION

With multi-channel I/O, this mixer amplifier is ideal for PA systems and professional sound reinforcement systems.



## ▶ KEY FEATURES

- ▶ Enables flexible integration with various audio sources for diverse scenarios with 2 MIC + 3 AUX inputs and 1 AUX output.
- ▶ Offers flexible power options with 3 ratings (120W/250W/350W) for versatile system design across all scenarios.
- ▶ Supports dual systems (100V/70V constant voltage and 4~16Ω impedance) for versatile use.
- ▶ Optimizes sound quality with Treble/Bass adjustments, tailoring audio clarity or warmth for different scenarios.
- ▶ Ensures real-time audio monitoring for stable sound quality through a 5-unit LED level meter.
- ▶ Prioritizes critical inputs (MIC1) for emergency overrides with 0~-30dB attenuation, ensuring safety messages cut through background audio compliantly.

# ▶ PORTS INFORMATION

(Take AMP-M1-120 as an example)

## Front Panel



## Rear Panel



- 1 **Rated output**  
4-Pin terminal block, including optional 4~16Ω output and 70V/100V rated voltage
- 2 **Power supply:**  
90V~240 VAC, 50/60Hz
- 3 **Mute control:**  
MIC1 presents the highest priority, users can switch the knob to the opposite direction to disable the priority
- 4 **MIC 2 Input:**  
External condenser microphone input
- 5 **AUX1/2/3 Line input**  
Connect with external audio sources equipment
- 6 **AUX Output:**  
Connect to legacy amplifier

## ▶ TECHNICAL SPECIFICATIONS

Model	AMP-M1-120	AMP-M1-250	AMP-M1-350
Power Consumption	120W	250W	350W
Rated Voltage	70 V/100 V or 4-16 $\Omega$ output		
MIC Input	2× $\Phi$ 6.35mm MIC port		
AUX Input	3× RCA (R+ / L+)		
AUX Output	1× RCA (R+ / L+)		
Volume Control	7× control knob on front panel: Base, Treble, AUX1/2/3, MIC1/2		
Input Sensitivity	MIC: 3mV unbalanced; LINE: 300mV unbalanced		
Signal-to-noise Ratio (SNR)	MIC > 66dB, LINE > 70dB		
Frequency Response	60 Hz-16 kHz		
Distortion (1 kHz)	LINE < 0.1%; MIC < 0.3		
Tone Adjustment	Bass: $\pm 10$ dB (100 kHz), Treble: $\pm 10$ dB (100 kHz)		
Protection	AC fuse, DC voltage, overload, short-circuit		
VAC Input Voltage	220 V AC, 50/60 Hz		
Operating Temperature	-20-50°C (-4-122°F)		
Storage Temperature	-40-60°C (-40-140°F)		
Operating Humidity	< 90% RH (non-condensing)		
Color	Black, aluminum alloy brushed panel		
Dimension (W×H×D)	2RU, 485×88×465 mm		
Weight	11.1 kg	13.9 kg	14.5 kg

Product specifications are subject to change without notice.

## ▶ ORDERING INFORMATION

Model	Description
AMP-M1-120	120W, mixer amplifier, 2 MIC+3 AUX inputs and 1 AUX output
AMP-M1-250	250W, mixer amplifier, 2 MIC+3 AUX inputs and 1 AUX output
AMP-M1-350	350W, mixer amplifier, 2 MIC+3 AUX inputs and 1 AUX output

## ▶ DIMENSION DRAWING

