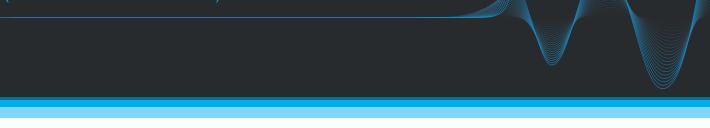


# **Mixer Amplifiers**

► (AMP-M1-120 / 250 / 350 )



### **NTRODUCTION**

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



### **EXECUTE: 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**





- Rated output 4-Pin terminal block, including optional  $4\sim16\Omega$  output and 70V/100V rated voltage
- Power supply: 90V~240 VAC, 50/60Hz
- Mute control: MIC1 presents the highest priority, users can switch the knob to the opposite direction to disable the priority
- MIC 2 Input: External condenser microphone input
- AUX1/2/3 Line input Connect with external audio sources equipment
- **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 Ω output		
MIC Input	2× Φ 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: ±10 dB (100 kHz), Treble: ±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**

