

JMA-E Series

Compact Mixer Amplifier with MP3 / FM / Bluetooth
30W / 60W / 120W



SPECSHEET



Description:

The JMA-E Series mixer amplifiers are compact, reliable, and designed for everyday operation in commercial audio installations.

They combine clean power output with flexible input connectivity, built-in media playback, and both high-impedance (70V/100V) and low-impedance loudspeaker support.

Suitable for classrooms, offices, retail shops, meeting rooms, cafés, houses of worship, and public facilities, the JMA-E Series provides a stable and versatile solution for background music distribution, announcements, and paging systems. All models feature integrated protection circuitry, ensuring long-term performance even under demanding operating conditions.

Key Features:

- Compact tabletop mixer amplifiers for commercial paging and BGM applications.
- Available in 30W, 60W, and 120W power ratings.
- Built-in 70V / 100V transformer with 4–16 Ω low-impedance output.
- Integrated MP3 player (USB/SD), FM radio, and Bluetooth streaming.
- Three microphone inputs:
 - Mic 1: balanced XLR with phantom power
 - Mic 2–3: unbalanced 6.3 mm jack (mic/line selectable)
- Two line inputs (RCA) and one line output (RCA).
- Telephone input with VOX priority and MOH (Music on Hold) function.
- Front-panel LED indicators: ON, PROT, CLIP, and a 3-level signal meter (0 / -10 / -30 dB).
- Front-panel controls: MIC1, MIC2/LINE1, MIC3/LINE2, LINE3, LINE4, TEL, BASS, TREBLE and MASTER.
- Full protection circuitry: short circuit, overload, clipping, high temperature.
- Dual-power capability: AC 230V / 115V or DC 24V.

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Specifications:

Model	JMA-30E	JMA-60E	JMA-120E
Description	Compact Commercial Audio Mixer Amplifier		
Rated Power Output	30 W	60 W	120 W
Speaker Output	70V, 100V, 4-16 Ω		
Inputs	Mic1 (XLR, phantom, 600 Ω / 5-8 mV); Mic2/Line1 & Mic3/Line2 (6.3 mm jack, mic/line selectable, 600 Ω / 5-8 mV); Line3-4 (RCA, 10 kΩ / 150-470 mV); Telephone input (TEL) with VOX priority + MOH.		
Frequency Response	60 Hz - 15 kHz		
THD	<0.5% at 1 kHz, at 1/3 rated power		
S/N Ratio	Line: >85 dB, Mic: >72 dB		
Protection	High temperature, short circuit, overload		
Power Supply	AC 230V / 115V or DC 24V, 50-60 Hz		
Dimensions	300 (W) × 275 (D) × 88 (H) mm		
Power Consumption	45 W	100 W	200 W
Gross Weight	5.5 kg	6.6 kg	7.8 kg

Connection Diagram:

