Datasheet

PAS-MMA120W | 120W Multi-media Mixer Amplifier

USB-Recording | SD-Pre-Record | Bluetooth | FM | AUX | 2-MIC







Key features

- Three line and two microphone inputs with versatile connectors.
- Output power choices: 120W, in a compact desktop solution.
- Onboard media player supporting MP3, Bluetooth, FM, SD, and USB with recording capability.
- Robust protection circuits: current limiting, overcurrent, and thermal safeguards.
- Dual-band tone controls for precise sound adjustment.
- Priority muting with VOX and SD card message playback.

Product Overview

The Macsys PAS-MMA120W is compact, 120W Multi-Media Mixer Amplifier designed for commercial and industrial sound applications. Available in 120W, output variants, these amplifiers combine three line and two microphone inputs with both Euro block and RCA connections. Integrated media playback supports MP3, Bluetooth, FM radio, SD cards, and USB recording for versatile usage.

Advanced protection features—including current limiting, overcurrent, and thermal protection—ensure safe, reliable performance. Dual-band tone controls, priority muting, and comprehensive indicator LEDs provide professional-grade functionality in a lightweight package. With convection cooling and a wide operating voltage, the MMA series is ideal for robust sound installations.

Technical Specification

Feature	Details
Rated Output Power	120W
Input Sensitivity/Impedance	MIC: -50dB/600Ω Balanced; LINE: -6dB/10kΩ Unbalanced
Power Supply Voltage	AC110-240V 50/60Hz
Power Consumption	165W
Speaker Output Options	100V(83Ω),70V(41Ω),4Ω(22V)
Frequency Response	80Hz–17KHz (+1dB/-3dB)
Signal-to-Noise Ratio	>80dB (with A-Weight)
Total Harmonic Distortion	1% at rated power, 1kHz
Auxiliary Input Level	-6dBu/10kΩ Unbalanced input
Tone Control	Bass: 100Hz (±10dB), Treble: 10kHz (±10dB)
Priority Muting	SD Card > CH1 VOX > CH1, CH2, CH3, Media Player
Operating Humidity	90%
Operating Temperature	0°C~+40°C
Dimensions (W x H x D)	280x60x200 mm
Net Weight	3.3kg
Media Playback Support	MP3, Bluetooth, FM, USB, Recording
Protection Features	Current Limiting, Thermal, DC Offset protection.
Cooling Method	Convection Cooling
Indicator LEDs	Power, Signal, -10dB, Clip, Protect
Certifications	CE, RoHS compliance

©2024 Macsys

Macsys reserve rights to introduce modifications without notice. Product images are for illustrative purposes only, the actual product may vary. Warranty policy applies as described on our website.