

PAS-CL-A480-6Z | Multi-Zone Audio Distribution Amplifier

CLASSIC SERIES- 480W | Zone-6 | Aux-2 | Mic-4 | Rec-RCA | Emerg-Alarm



Key features

- 6-Zone Control: Independent speaker selection with attenuation.
- Versatile Inputs: Balanced channels, AUX, remote mic, and emergency alarm.
- Media Player: FM tuner, Bluetooth, and MP3 recording.
- Advanced Controls: Talkover, phantom power, chime, bypass, and mute.
- Flexible Outputs: Speaker outputs (4 Ω , 8 Ω , 70V, 100V) and RCA recording/linking.
- Status Indicators: SIG, -10dB, CLIP, and Protect.
- Built-in Protection: Current limiting, thermal, and DC offset safety.
- Silent Cooling: Convection-based cooling system.
- Optional Rack Mount: For convenient installation.

Product Overview

The Macsys PAS-CL-A480-6Z is a professional-grade amplifier designed for seamless multi-zone audio management in commercial and institutional spaces. Featuring 6-zone speaker control, diverse connectivity options, an integrated media player (FM tuner, Bluetooth, MP3), and advanced protection mechanisms, it ensures reliable performance and exceptional sound quality. Its intuitive controls, versatile inputs/outputs, and optional rack-mount kit make it ideal for paging, background music, and emergency announcements, offering a complete audio solution for various applications.

Technical Specification

Features	Detail
Front Panel	<ul style="list-style-type: none"> - 4 Input Channel Volume Controls + 1 Source Volume - Master Volume Control - 6-Zone Selector with 6-step Attenuator
Rear Panel	<ul style="list-style-type: none"> - VOX & Phantom Power (Ch. 1-4) - Chime Enable with Volume - Bypass Input & System Mute
Connectivity - Inputs	<ul style="list-style-type: none"> - Ch. 1-4: Electronically Balanced with Chime Switch - AUX: Dual RCA - Remote Mic: RJ45 - Emergency Alarm: Euro Block
Connectivity - Outputs	<ul style="list-style-type: none"> - Speaker: Euro Block (6 Ch., 4Ω, 8Ω, 70V, 100V) - Rec & Link Out: RCA
External Contact	<ul style="list-style-type: none"> - Chime Trigger & Mute: Euro Block
Media Player	FM Tuner, Recordable MP3 Player, Bluetooth
Indicators	Signal, -10dB, Clip, Protect, Zone Selector
Protection	Output Limiting, Thermal, DC Offset Protection
Cooling System	Silent Convection Cooling
Rated Power	480W
Input Sensitivity / Impedance	<ul style="list-style-type: none"> - Ch. 1-4: -36dB/-10dB, 20kΩ - AUX/Remote Mic: 0dB, 20kΩ
Output Level / Impedance	<ul style="list-style-type: none"> - Hi-Z: 100V (21Ω), 70V (10Ω) - Low-Z: 43V (4Ω) - Rec/Link Out: 0dB / 600Ω Unbalanced
Frequency Response	65Hz – 18kHz
T.H.D	<1% @ 1kHz, Rated Power
S/N Ratio	>80dB
Tone Control	±10dB @ 100Hz, 10kHz
Power Source	AC 115/230V, 50/60Hz
Weight	12 kg
Dimensions (W × H × D)	420 × 88 × 320 mm