



## Description

The POPE Professional® PA Series amplifiers are specially designed for permanent installation. It's unique design and powerful output can meet the requirement of any sound reinforcement project.

## Features

- Mp3 (USB) / FM / Bluetooth Media player
- 6 zones available
- 3 zones with on/off & 3 zones with volume knobs
- 2 channels and 3 microphone inputs
- Alarm signal & evacuation signal for emergency
- Chime for public address
- 4-16 ohm, 70/100V outputs
- 12/24V output for broadcast emergency announcement
- Priority control

## Applications

The PA Series amplifiers can use in meeting rooms, classrooms / schools, houses of worship, courtrooms, multi zone paging / music, theme parks, museums, office and etc.

## Power Output

Ratings (RMS @ 1% THD @ 230VAC)

Model	PA-60ZM	PA-120ZM	PA-240ZM	PA-480ZM	PA-800ZM	PA-1200ZM
Number of channel	1	1	1	1	1	1
Total output (4 - 16 $\Omega$ )	60 W	120 W	240 W	480 W	800 W	1200 W

## Specifications

70V Output Impedance	50 $\Omega$	33.5 $\Omega$	20 $\Omega$	14 $\Omega$	11 $\Omega$	8.5 $\Omega$
100V Output Impedance	100 $\Omega$	67 $\Omega$	40 $\Omega$	28 $\Omega$	22 $\Omega$	17 $\Omega$
Media Player	Mp3 (USB) / FM / Bluetooth					
Aux Input	300mV					
Mic Input	4mV					
PEC Out	650mV - 750mV					
Front Panel Control	3 Mic, 2 Aux, 1 Media Player, Alarm, 6 Zone, Bass, Treble, Master, Power on/off					
Frequency Response	$\pm 0.1$ dB from 20 Hz to 20 kHz at 1 watt					
Phase Response	$\pm 10$ degrees from 10 Hz to 20 kHz at 1 watt					
THD	0.05%					
Intermodulation Distortion	<0.35% (60 Hz and 7 kHz at 4:1, from full rated output to -30dB)					
Signal-to-Noise Ratio	>80 dB					
CMRR (20 Hz to 1 kHz)	> 55 dB, typically > 70 dB					
Crosstalk	> 80 dB (below rated power, 20 Hz to 1 kHz)					
Slew Rate	80V/usec					
Damping Factor	>800 from 10 Hz to 400 Hz					
Output Circuitry	Class H					
Output Connector	Barrier strip					
Input Connectors	3-pin Combo XLR, RCA					
LED Indicator	Power, Signal, Protect, Clip					
Protection	Protected against shorted, open or mismatched loads, overloaded power supplies, excessive temperature, chain destruction phenomena, input overload damage and high-frequency blowups.					
	loudspeakers from input/output DC and turn-on/turn-off transients					
Cooling System	Internal heat sinks fitted with fan					
Construction	Steel chassis with durable black powder coat finish					
Power Supply	Toroidal Transformer					
Power Range	200 - 240V AC @ 50Hz					
Mains	Power Cord					
Input Power (Watts)	145W	215W	550W	1150W	1400W	1600W
Dimension (W x D x H)	483 mm $\times$ 320 mm $\times$ 88 mm				483 mm $\times$ 320 mm $\times$ 132 mm	
Size	2U				3U	
Weight	9kg (19.83lbs)	10kg (22.04lbs)	12kg (26.44lbs)	14.5kg (31.95lbs)	20kg (44.08lbs)	24kg (52.89lbs)