

120W 100V | PA2120  
 240W 100V | PA2240  
 360W 100V | PA2360  
 480W 100V | PA2480



Introduction

PA2000 Series of amplifiers had been a reliable workhorse for years and had been refined to perform more efficiently. It is available with power ratings of 120W to 480W 100V line, in 2 HU height for space saving.

Various protection features are included with the objective of providing trouble free operation for years to come.

Packing information

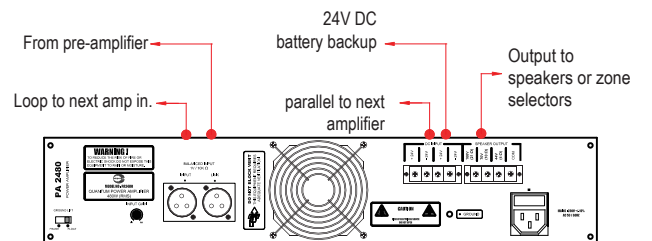
Qty per carton : 1 unit  
 W x H x D : PA2120 / PA2240 / PA2360 / PA2480  
 : 550 x 180 x 465 mm

Weight : PA2120 - 13.4 kg  
 PA2240 - 14.6 kg  
 PA2360 - 17.4 kg  
 PA2480 - 19.4 kg

Features

- ✓ Available in various ratings ; from 120W to 480W 70 or 100V line
- ✓ 4 Ohm speaker connection available with 25V output
- ✓ Thermal protection by muting input signal (typically 85 deg at heat sink)
- ✓ Momentary short circuit protection
- ✓ Temperature dependent dual speed cooling fan
- ✓ Balanced input signal with gain control and selectable grounding option
- ✓ AC and DC operation for uninterrupted operation during power failure

Application Schematic



Technical Specifications

	PA2120	PA2240	PA2360	PA2480
Power requirement		230 / 240V ac or 24V DC back up supply		
Power consumption (240V ac)	280VA (1.3A)	420VA (1.75A)	560VA (2.3A)	700VA (3.0A)
Current consumption (24V DC)	8A	14.5A	19A	24A
Standby current (24V DC)	0.2A	0.25A	0.3A	0.32A
Input signal	1V / 10K Ohm; balanced via XLR female			
Input gain controls	-40 to 4 dBu			
Rated output (100V, RMS)	120W	240W	360W	480W
4 Ohm output voltage	22V	31V	38V	43.8V
Output impedance (max load)	83 Ohm	42 Ohm	27 Ohm	20 Ohm
Frequency response	70Hz - 15 KHz @ 1KHz +/-3 dB			
S/N ratio	>70 dB @ 1 KHz, 1V			
THD + N	<0.18 %			
Protections	Thermal, Short circuit, Overload, Fuse			
Cut off temperature	75 Deg C			
Cooling system	Auto temperature controlled fan speed			
Indications	LED : Power, Signal level			
Dimensions (W x H x D)	482 x 88 x 335 mm			
Net Weight	12 kg	13.3 kg	16.2 kg	18.2 kg