

Variants :

PA2120 - 120W 100V line
PA2240 - 240W 100V line
PA2360 - 360W 100V line



✓ application notes

Amperes PA 2000 series of booster amplifiers are available in 120W, 240W and 360W with 4 Ohm and 70 or 100V line outputs.

PA2120 is of 2 hu height whereas PA2240 and PA2360 are 3 hu.

Amperes AS4000 amplifier surveillance module can be used alongside with these amplifiers to form an auto amplifier monitoring system. Setting up stacks of power amplifiers with AS4000s to Amperes AX700 shall then form an automatic amplifier monitoring and changeover configuration. Customised mimic panel can also be installed for monitoring purposes.

✓ features

Available in 120 / 240 / 360W of 70 / 100V line output

4 Ohm speaker connection available with 25V output

Thermal protection at 85 deg C at heat sink by muting input signal

Momentary short circuit protection

Temperature dependent dual speed cooling fan

Manual reset circuit breaker for AC mains and DC input

Balanced input signal with gain control and selectable grounding option

AC and DC operation for uninterrupted operation

✓ specifications

	PA2120	PA2240	PA2360
Power requirement	230 / 240 V ac (24V DC back up)		
DC requirement (24V DC)	6 A	19A	29A
Power consumption (load) ac	230VA	720VA	1080VA
Power consumption (s/by)	0.4A		
Input sensitivity	1V / 10 K Ohm		
Input gain control	-15 dB ~ 0 dB		
Input connection	XLR balanced input		
Rated output (rms)	120W	240W	360W
Output Imp / line	4 Ohm / 22V	4 Ohm / 31V	4 Ohm / 38V
	42 Ohm / 70V	21 Ohm / 70V	21 Ohm / 70V
	83 Ohm / 100V	42 Ohm / 100V	27.8 Ohm / 100V
Frequency response	80 ~ 17 kHz		
Signal / Noise ratio	> 80 dB		
Protections	Thermal ; Momentary output short circuit ; AC and DC circuit breaker ; Input signal clip		
Indicators	AC mains ; Clip ; Protect ; Input level indicator		
Cooling system	Dual speed fan with heat sensing		

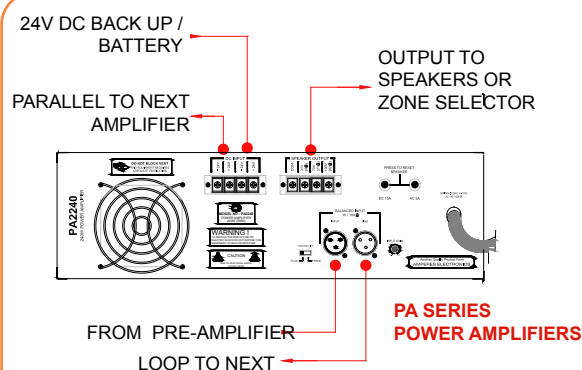
PHYSICAL

Dimensions HxWxD mm	88 x 482 x 300	133 x 482 x 300	
Weight (kg)	11.5	20.0	24.0



PA2120 FRONT VIEW

✓ application connection



Packing information



Set Packing :
Qty / Pack : 1 unit
W x H x D : PA2120 : 540 x 140 x 405 mm
PA2240 / 2360 : 540 x 195 x 405 mm
Weight : PA2120 : 12 kg
PA2240 : 21 kg
PA2360 : 25 kg



the emerging preference

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