

AMPERES PA-2000

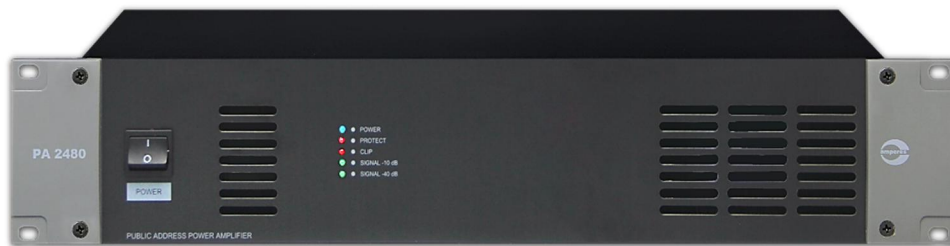


PA 100V LINE POWER AMPLIFIERS

The PA2000 series had been improved further, with better performance, lower power consumptions and lighter in weight as compared to its predecessor. Every model in the series is now with 2 HU heights and would definitely be a great saving to the rack spaces.

Power ratings of 120 to 480W 100V line. With its enhanced power house, sound reproduction has been greatly improved. Durability and reliability index had been further elevated due to its re-engineered protection circuitries.

Installing the enhanced PA2000 series in your system would definitely a right choice, for it shall be the tough work horse for years to come.



FEATURES

- ✓ Thermal protection by muting input signal (typically 85° at heat sink)
- ✓ 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 during power failure

TECHNICAL SPECIFICATIONS

	PA2120	PA2240	PA2360	PA2480
Power requirement	230 / 240V ac or 24V DC backup 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 4dBu			
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 @ 1 KHz +/-3 dB			
S/N ratio	> 70 dB @ 1 KHz, 1V			
THD + N	< 0.18 %			
Protections	Thermal, Short circuit, Overload, Fuse			
Cut off temperature	75 Degree C			
Cooling system	Auto temperature controlled fan speed			
Indications	LED : Power, Signal level			
Dimensions (W x H x D)	482 x 90 x 345			
Net weight (kg)	12	13.3	16.2	18.2