SHERMANN Sound Systems

A Power; designed and built in Great Britain

225G

2U, 2 channel power amplifier

Technical specifications

number of channels	2
watts per channel @ 8 Ω	1500
watts per channel @ 4 Ω	2200
watts per channel @ 2 Ω	3000
watts bridged @ 8 Ω	4400
watts bridged @ 4 Ω	6000
supply voltage	230v +/- 15%
average supply current at full load	29 amps
mains connector	32A Powercon
frequency response	8Hz - 24KHz
signal to noise ratio (ref. full power 1KHz)	99dB
THD (1KHz, full power)	0.09%
THD (20Hz - 20Khz, full power)	<0.2%
slew rate	65v / µs
damping factor (ref, 8R, 100Hz)	>800
cooling fans (temperature controlled)	2 x 80mm
cooling direction	front to rear
dimensions	482 x 88 x 400
weight	8.7 Kg

Operating Environments

The amplifier is designed for use in environments which protect it from rain, unusually high air humidity and temperature.

When mounting inside, ensure that the amplifier is securely bolted into a rack using all available fixing points where possible otherwise, place on a firm surface where the unit may not easily be dislodged.

Ensure that any location will not expose the amplifier to spillage of liquids and drinks also, further ensure that it is kept away from vapours and very high humidity.

Keep the amplifier from being used either in areas of high temperature or where direct sunlight may cause an abnormal rise in operating temperature.

For temporary use outside use similar caution taking care to ensure that the amplifier is used within normal operating conditions in addition, allowances should be made for variable or changing weather conditions.

When taking any equipment from a cold environment we strongly recommend allowing the unit to acclimatise to the surrounding conditions and temperature before switch-on.

If condensation forms inside the unit a potential malfunction could occur therefore it is the operators responsibility to ensure all of the above recommendations are adhered to.

Please Note: *Our policy of continuous improvement may lead to the above specifications being exceeded prior to documentation being updated.*