



Qsources



Qma Single Channel Amplifier

The Qma measurement amplifier is designed to power the Qlws lightweight shaker. The Qma will work with any non DC drive signal such as: white noise, pink noise, sine and chirps, random noise, music or other communication signals. Due to the internal protections for the Qsources Qlws this amplifier is not suitable for operation with other types of loads.

SPECIFICATIONS*

Number of channels/outputs	1 (single)
Weight	1.1 kg
Maximum power output**	250 Watt
Full continuous power output**	50 Watt
Frequency range	10-50000HZ +0/-3 dB
Dimensions	240 x 105 x 55 mm
Internal noise generator	no
Minimum load impedance:	4 Ohm, or 2 Ohm below 120 watt
External signal level	Max. 2 Volt sspk
Protections built in for product	Qlws (light weight shaker)
Amplification factor/range	21 dB dedicated to Qlws shaker, fixed
Amplification setting accuracy	no attanuation function
Amplification repeatability	+0.5 dB
Max. Peak voltage output**	40 Volt sspk, 80 Volt pkpk
Max. Peak current output**	11 Ampere sspk, 22 Ampere pk-pk
Temperature + overload Protection	yes
Mains power requirement	350 Watt
Mains AC requirement	90V to 130V or 200 to 250V, 50 or 60Hz
Recommended to use with load	Qlws only
Ambient temperature range	10-45 degrees celsius

* These specifications may be adapted if necessary to improve the quality of the product.

** Broadband signal at 22 degrees celsius ambient