

C/A2 Charge Amplifiers

Calibration, Maintenance and Repair Ltd, manufacturers of high quality Charge Amplifiers are pleased to announce the release of their latest generation of Charge Amplifier. As with previous C.M.R Ltd Charge Amplifiers the onus is on high accuracy, low noise, low cost and simple to use designs.

The C/A2 is a high accuracy charge amplifier that can be used with the wide range of piezo-electric accelerometers (that do not have built in hybrid electronics) currently in use for vibration measurement.

The C/A2 is available as both a single (C/A2/1) or a dual channel version (C/A2/2), units can be clipped together to form multiple channel units with up to 16 slave channels being powered off one master unit.

Inputs are by way of microdot connectors, located on the front panel and accept standard low noise cable assemblies.

Output is an industrial standard BNC socket and is normalised to 10mV/g or 100mV/g by the front panel switch.

Sensitivity is set by way of the thumbwheel switches located on the front panel which ensure accurate settings over the range 00.01 to 99.99 pC/g.

The whole unit is housed in a tough ABS case, which is not only hard wearing but stylish as well. The unit is free standing with raised and tilt feet for maximum versatility.

Throughout the design, only the closest tolerance components are used to ensure the highest possible accuracy.

Power requirements are a +/- 18Volt 20mA stabilised, low noise supply, which is internally fitted in the master unit. Where units are cascaded, this is supplied by the master unit, from the 5-way triad connector on the rear panel.

The units are manufactured to our BS EN ISO 9001:2000 quality control system.



For more details on this or other C.M.R Ltd products, please visit our web-site at:
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