Exploder Timer
Model ET-1

Features

- The ET-1 is designed for testing fiery mine Shot Exploders and measures the output pulse duration of the Shot Exploder. The measurement is displayed on a large liquid crystal display which is easily read in both daylight and poor lighting conditions.

Operation

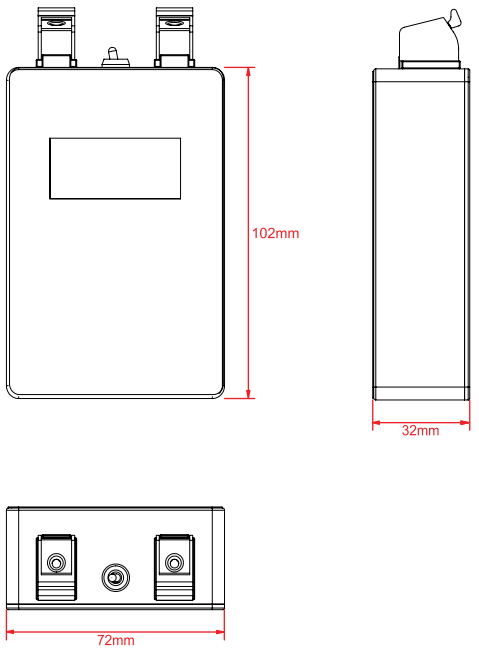
- The ET-1 automatically resets to zero when switched ON.
- The Shot Exploder is then connected to the Exploder Timer and fired. The LCD will display the output pulse duration of the Shot Exploder. The ET-1 reading automatically resets to zero before each successive test.
- Should the reading be outside specification, the Shot Exploder has to be returned to the manufacturer for repair.
- The ET-1 is powered by a PP3 9V Zinc Carbon battery and is capable of 50 hours of continuous use.

Notice and Maintenance

- All service work to be performed by authorised AEC Electronics personnel only.
- Not approved for use in fiery mines.
- The ET-1 should only be opened to replace PP3 9V Zinc Carbon battery.
- Exposure to temperatures above 60°C will cause permanent damage to the liquid crystal display.

Specifications

Unit Dimensions



Testing Range		0-19.99ms.
Accuracy		±0.03%.
Input Voltage		Less than 1.5kV for 5ms or less than 1kV for 1s.
Battery	Type	PP3 9V Zinc Carbon.
	Capacity	Over 50 hours of continuous use. Replace when display shows LO BAT.
Construction		Solid state circuitry encapsulated in silicone rubber.
Unit Dimensions		102mm x 72mm x 32mm.
Unit Mass		0.32kg.
Temperature Range		-5°C to 45°C.

Warning and Disclaimer

The information and recommendations in this document are provided for reference purposes only and should not be construed as advice to cover every application of the product or variation of conditions under which the product may be used.

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