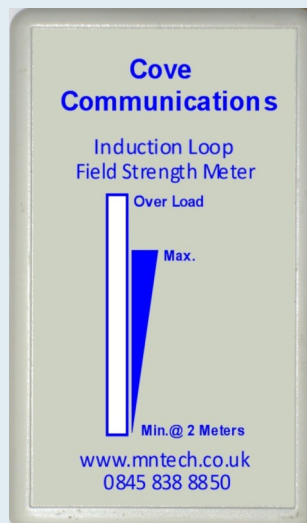


Omni-T Field Strength Meter



Introduction:

The Omni-T Inductive Loop Field Strength Meter is a test and calibration tool designed to give a calibrated signal indication of the induction loop field being broadcast from an Omni-T Induction Loop system.

Applications:

The Omni-T Induction Loop Field Strength Meter is designed specifically to measure the signal from an Omni-T Induction Loop Aerial at the time of commissioning and when checking system performance.

Features:

The Omni-T Induction Loop Field Strength Meter outputs a signal strength indication by means of a row of LEDs (Light Emitting Diodes). It also outputs a received signal from its 3.5mm audio socket labelled "Phones OUT" at the end of its case (nominally a 1KHz Tone sine wave, input from the Omni-T Tone Generator). This socket will accept a normal stereo or mono headphone plug should the user wish to check that the signal is a pure undistorted tone.

Power Supply:

The unit uses a standard PP-3 or MN-1604A type 9 volt battery. An alkaline battery is recommended for extended battery life. The battery's health can be checked by pressing the "Battery Test" push button on the case end and observing the green "Batt. OK" light. If the green light glows the battery is ok for use. The unit has a 30 minute power down timer as a battery saving feature. The circuit starts counting time from switch on and turns itself off after approximately 30 minutes. Should longer user time be required simply reset the power down timer for another 30 minutes by turning the power switch off and then on again.

Specification

Interface:	Stereo 3.5mm Audio connector
Format:	Sinewave 1KHz +/- 10% at Line Level +/- 10%
Output Power:	250mW Max.
Power Consumption:	9 volt PP-3 Battery, 30mA Max.
Overall Size:	67mm Wide x 28mm Thick x 112mm Long
Weight:	140g. Maximum with battery
Operating Temperature:	-5 C to +50 C
Storage Temperature:	-20 C to +70 C
Humidity:	90% non-condensing

Manufactured in the UK
to ISO9001:2008 standards.



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