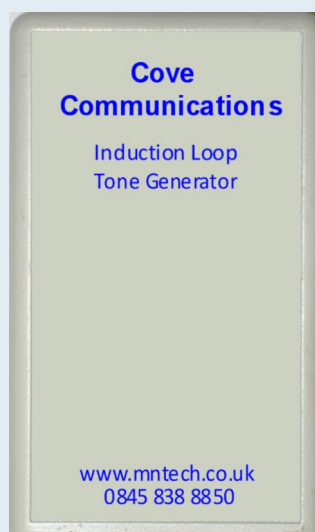


# Omni-T Tone Generator



## Introduction:

The Omni-T Induction Loop Tone Generator is a test and calibration tool designed to give a calibrated signal source for use with setting up and testing the output level of the Omni-T Induction Loop Amplifier.

## Applications:

The Omni-T Induction Loop Signal Generator is designed specifically to provide a calibrated signal into an Omni-T Induction Loop Amplifier at the time of commissioning and when checking system performance. This calibrated signal is factory set at 1 KHz and Line Level but it can be set to different levels and tones for other applications.

## Features:

The Omni-T Induction Loop Signal Generator outputs a Line Level 1KHz Tone (Sinewave) from its 3.5mm audio socket labelled "Phones OUT" at the end of its case. This socket will accept a normal head phone 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 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 unit 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 by turning the power switch off and then on again.

## Configuration:

To use the Omni-T Induction Loop Signal Generator, simply turn the units on and wire the unit to the "Signal Input" socket of the Omni-T Induction Loop Amplifier using the connection lead provided. Observe the row of audio level lights on the Loop Amplifier. The Loop amplifier input level is adjusted to set its output level by turning the RV-2 potentiometer. The tone generator is then removed and the normal signal source is connected to the "Signal Input" connector of the Loop Amplifier.

## Specification

<b>Interface:</b>	<b>Stereo 3.5mm Audio connector</b>
<b>Format:</b>	<b>Sinewave, 1KHz +/- 10% at Line Level +/- 10%</b>
<b>Output Power:</b>	<b>250mW Max.</b>
<b>Power Supply:</b>	<b>9 volt PP-3 Battery, 12mA +/- 2mA.</b>
<b>Overall Size:</b>	<b>67mm Wide x 28mm Thick x 112mm Long</b>
<b>Weight:</b>	<b>140g. Maximum with battery</b>
<b>Operating Temperature:</b>	<b>-5 C to +50 C</b>
<b>Storage Temperature:</b>	<b>-20 C to +70 C</b>
<b>Humidity:</b>	<b>90% non-condensing</b>

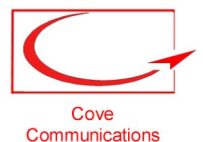
Manufactured in the UK  
to ISO9001:2008 standards.



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