



## Ethersnort HH - Handheld Mobile Phone Detector - User Guide

### Overview

The EtherShort range of Mobile Phone Detectors is based on a very versatile design and can be tailored to suit specific requirements. Applications are wide and varied, however typically with Mobile Phones getting ever smaller, they are increasingly being used in areas where they may compromise security. The Handheld version described in this document is the most basic and simple to operate variation.

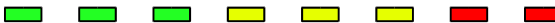
### Getting Started

Open the battery compartment cover by removing the single screw and Insert 2 x AAA Batteries using the polarity shown inside compartment (Alkaline, Lithium or Re-chargeable), replace cover and screw. Note: for easier access the batter compartment cover can be clipped into place without using the security screw if preferred.

### Operation

The Ethersnort Handheld has a single green button for on/ off operation. To switch the unit on, press and hold for one second. The blue power LED will flash continuously approximately every 3 seconds to indicate power-on condition. To turn the unit off, press and hold for half a second, the blue LED will extinguish and the unit will be powered down.

During operation the presence of a signal is indicated by the 3-coloured LED bar graph as follows:

Green:            Low signal level              
Yellow:          Medium signal level  
Red:              High signal level

When only the flashing blue power indicator is shown then no signal is being detected. A low-battery condition is indicated by the rapid flashing of the whole 3-coloured LED bar graph.

### Specification

**Frequency Range**    50 MHz to 3GHz

**Programmed Bands**   E-GSM 900 Band:        880 MHz to 915 MHz  
                                 DCS 1800 Band:        1710 MHz to 1785 MHz  
                                 UMTS Band:              1920 MHz to 1980 MHz

**Power Supply**        2 x AAA Batteries

**Signal Threshold**   -60dBm

**Size (W x D x H)**    105 x 65 x 19mm

**Weight**                90g (Including Batteries)

**Options**                Audible & Vibrating Alert