



# FireCell

## Survey Kit Verification Guide



# Introduction

The procedure described in this document is a verification of performance and not a calibration. Calibration requires complex equipment to conduct measurements which due to the nature of the site survey equipment is not required. The verification will confirm continued performance of the survey kit such that it is suitable for continued use without the cost of formal calibration.

There are two sections outlined within this document:

**Section 1** - General maintenance (pages 3 to 4)

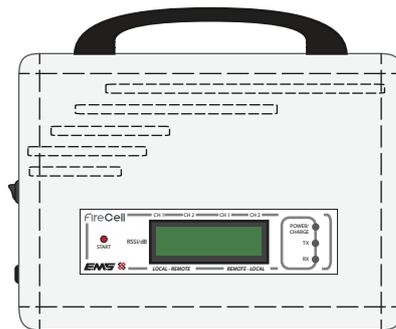
**Section 2** - Two yearly maintenance (pages 5 to 6)

*If you encounter issues completing the steps outlined in this document, please contact EMS technical support.*

# Kit familiarisation



Pole Mounted  
Survey Tool



Signal Surveyor



Device survey  
rods



Signal Surveyor  
mains charger

# Specified batteries

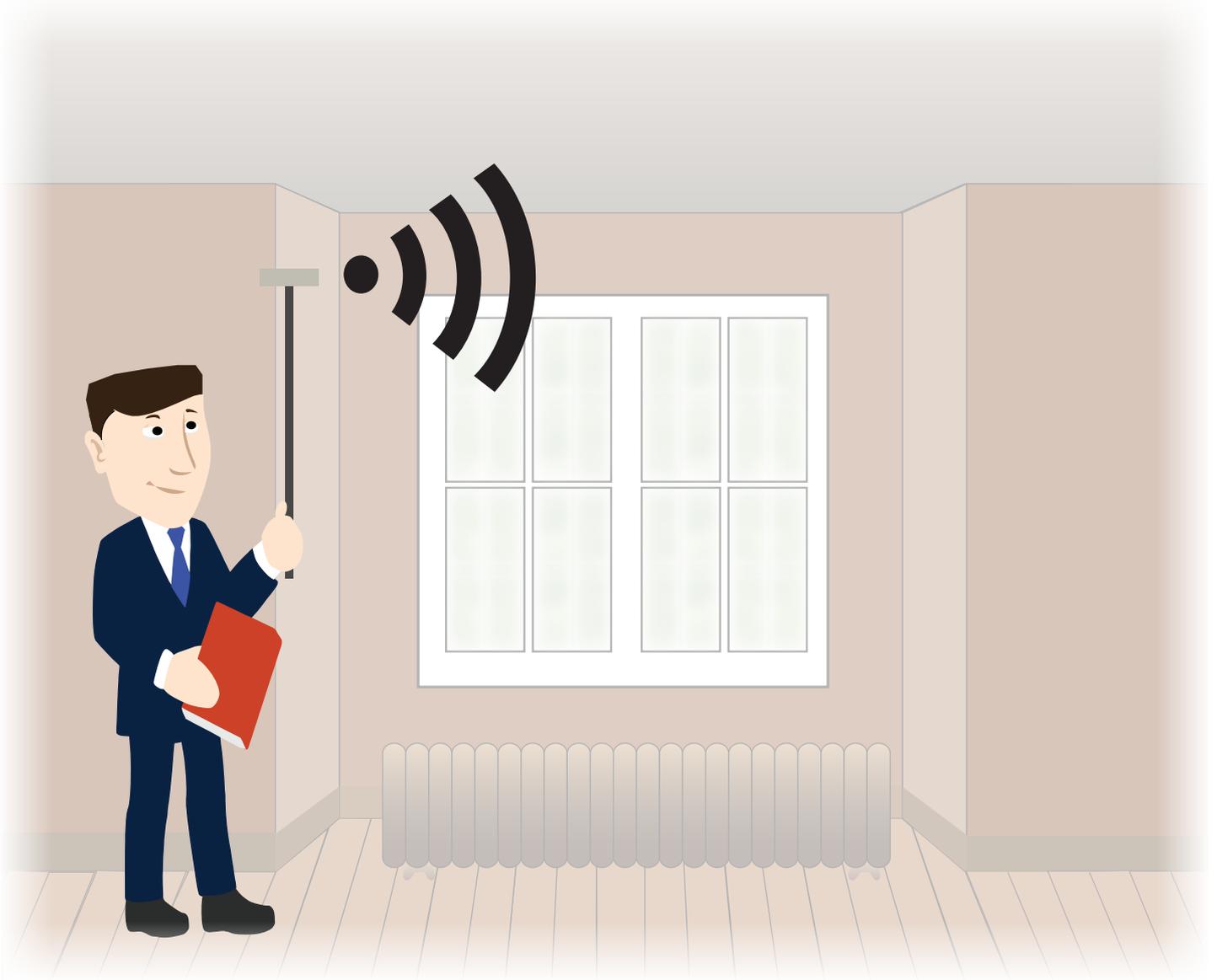
When replacing batteries; observe correct polarity, using only specified batteries shown below.

<b>Signal Surveyor:</b>	1 x 6V 4Ah Lead Acid battery (Yuasa NP4-6)
<b>Pole Mounted Survey Tool:</b>	4x AA Alkaline batteries (Panasonic LR6AD Powerline / Varta 4006 Industrial)

**Note:** Fitting of an incorrect battery type invalidates the product certification and may result in poor performance.

# Section 1

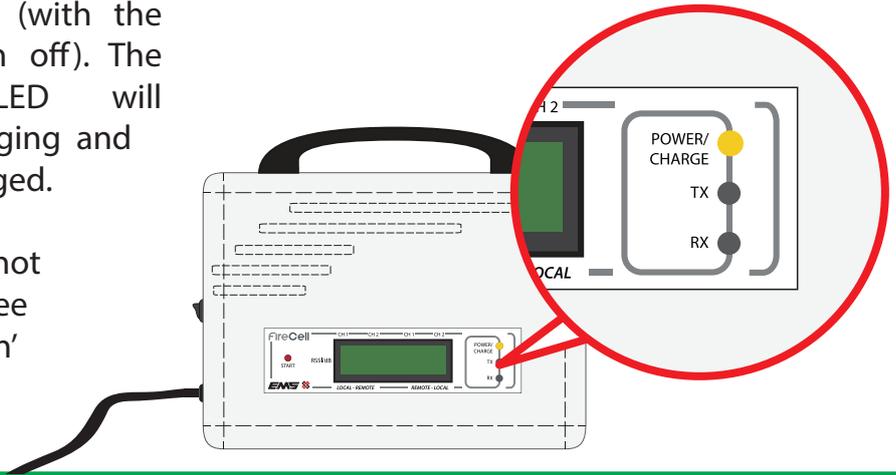
## General maintenance



# Charge the Signal Surveyor

Charge the Signal Surveyor (with the left-hand side power switch off). The unit's 'POWER/CHARGE' LED will illuminate amber whilst charging and will extinguish once fully charged.

Replace the battery if it does not fully charge within 24 hours. See the 'Battery specification' section.

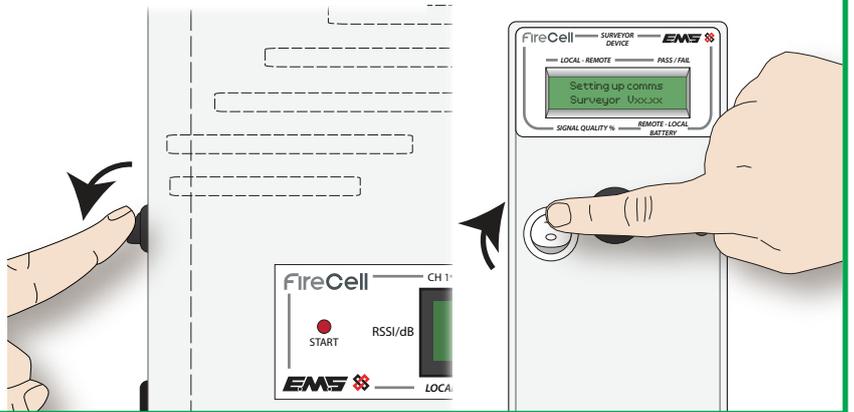


# Power up the kit

Switch on both units as shown.

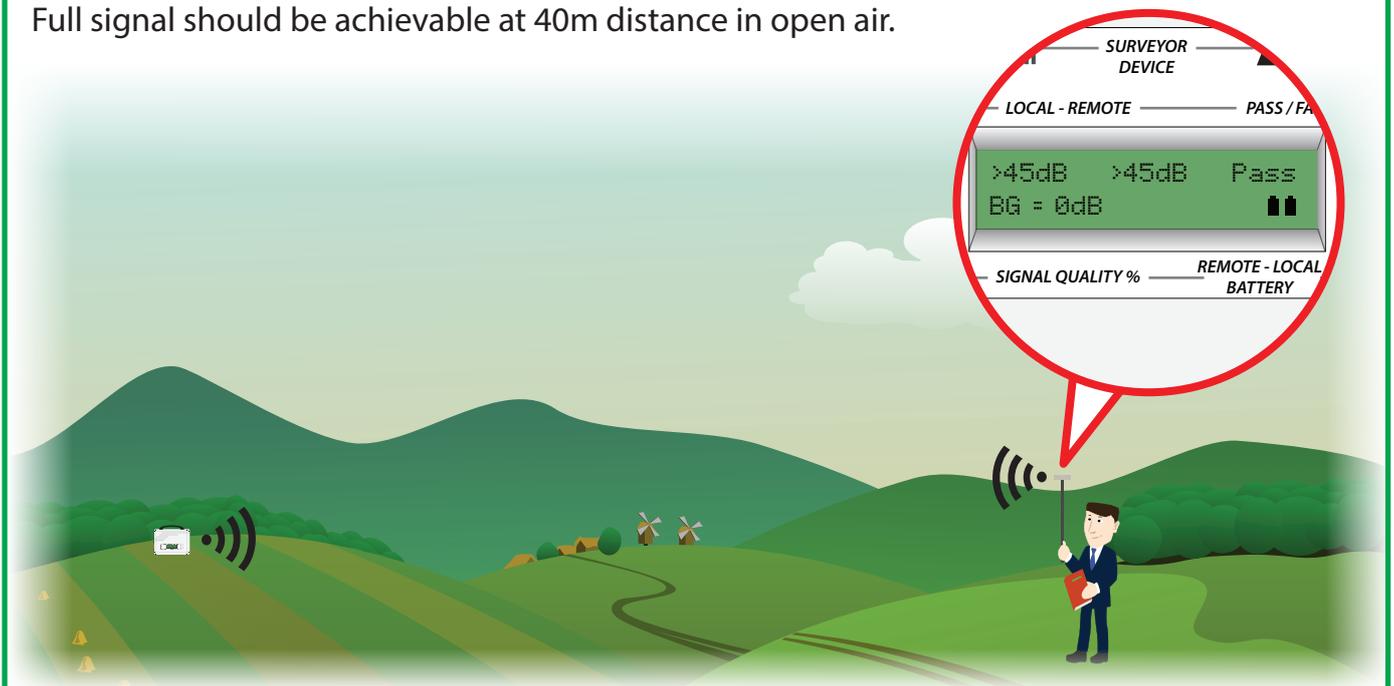
The Pole Mounted Survey Tool will go into power save mode (screen off) when not in use.

If however it doesn't start up, replace all four batteries. See the 'Battery specification' section.



# Quick range test

Full signal should be achievable at 40m distance in open air.



# Section 2

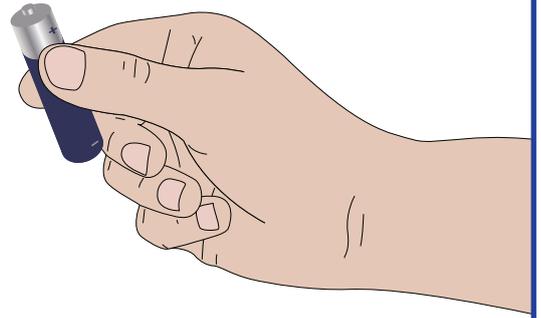
## Two yearly maintenance



# Replace all batteries

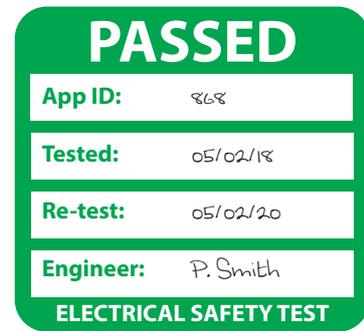
Replace all batteries every two years, observing correct polarity and using only specified batteries.

See the 'Specified batteries' section.



# Mains charger test

It is recommend that the The Signal Surveyor's Mains Charger is routinely checked every two years for electrical safety, in accordance with any local codes of practice. I.e. PAT testing in the UK.



# Two yearly test







**Third Party Accredited**

■ ISO 9001 ■ ISO 14001

The information contained within this literature is correct at time of publishing. The EMS Security Group Ltd reserves the right to change any information regarding products as part of its continual development enhancing new technology and reliability. The EMS Group advises that any product literature issue numbers are checked with its head office prior to any formal specification being written.