



# FRINGE LEISURE

## UHF TV

### *Signal Finder*



# User Guide

## Guaranteed for 3 Years!

Your UHF TV Signal Finder is guaranteed for a period of 36 months from date of purchase, this is on a "return to base" basis and proof of purchase will be required. Please contact us if you would like to claim repair / replacement under these terms. Your statutory rights are not affected.



## Instructions for use:

The **UHF TV signal finder** is designed for use in where TV is received over UHF frequencies. Specifically with caravan / motorhome / boat users with VHF/UHF directional TV aerials in mind

- Fit 9V PP3 battery (supplied) into battery holder within the battery compartment to the rear of the TV signal finder.
- Connect the aerial lead to the socket marked Aerial.
- Turn on the power switch, located on the top of the unit, between the two sockets, the red "On" power indicator will light.
- Rotate the directional aerial, with both horizontal and vertical polarization until the greatest number of LED's are lit. This indicates the strongest signal and best position for your aerial.
- The Finder can now be removed from the aerial lead and connected to your TV equipment. You are now ready to tune your TV to receive the best quality TV signal available in your area.

Alternatively, the TV signal finder may be left connected in line with the TV equipment:

- Connect the aerial lead to the socket marked Aerial.
- Connect a coax lead from the socket marked TV and the TV equipment (not supplied).
- Turn on the power switch, located on the top of the unit, between the two sockets, the red "On" power indicator will light.
- Rotate the directional aerial, with both horizontal and vertical polarization until the greatest number of LED's are lit. This indicates the strongest signal and best position for your aerial.

You are now ready to tune your TV to receive the best quality TV signal available in your area.

## **Technical Specification:**

Power Requirement ..... 9V PP3 Battery. Avg. 60mA.

Battery Life ..... Zinc (6F22) – 6Hrs continuous use.

Alkaline (6LR61) – 10Hrs continuous use.

Frequency Response ... UHF, 470-860Mhz, (CH21-68)

Through Loss ..... <4dB

Mid Band Sensitivity (5 TV Channels / 6 digital MUX +/-3dB)

1 LED ... 47dBuV .... Weak signal, not all TV services may be available

2 LED's ... 50dBuV .... Weak signal, not all TV services may be available

3 LED's ... 56dBuV .... Weak signal, not all TV services may be available

4 LED's ... 59dBuV .... Weak signal, not all TV services may be available

5 LED's ... 62dBuV .... Optimum signal

6 LED's ... 65dBuV .... Optimum signal

7 LED's ... 68dBuV .... Optimum signal

9 LED's ... 71dBuV .... Optimum signal

10 LED's ..74dBuV .... Optimum signal

11 LED's ..77dBuV .... Optimum signal

12 LED's ..80dBuV .... Strong signal, attenuation may be required.

Because of the wide band nature of this signal finder, erroneous readings may occur if used in close proximity of transmitter towers (cell phone, tetra etc) and wireless equipment.

The indicated signal level is a guideline only and accuracy is not guaranteed.

The **UHF TV Signal Finder** (excluding battery) is guaranteed on a “return to manufacturer” basis for a period of **3 years** from date of purchase. In the event of a claim, please contact us (details below, with proof of purchase).

Fringe Electronics Ltd. Reserve the right to improve and change specifications without notice.



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© Fringe Electronics Ltd. 4 Highfield Road . Clipstone .  
Mansfield . Nottinghamshire NG21 9ER

Telephone: +44 (0)1623 643802 Fax: +44 (0)1623 625407

e.mail: [enquiries@fringe-electronics.co.uk](mailto:enquiries@fringe-electronics.co.uk)

website: [www.fringeelectronics.co.uk](http://www.fringeelectronics.co.uk)

