# HOTSPOTTER

**3F**

## Heat Detector I.R.

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The **HotSpotter** is a simple hand tool for fire fighters involved in fire prevention and post-extinction detection. It detects and locates small hidden areas which are hotter than the surroundings. It can be used in a building and outdoors. It senses the infrared radiation being emitted by a local hot spot. By scanning a wide area it allows the user to quickly detect and locate an area for further investigation and action.

The **HotSpotter** has both audio and multi-colored LED outputs. In simplistic terms the audio output is similar to a Geiger counter: The hotter the area the higher the frequency. Similarly the LED's form a simple multi-colored bar graph indicating the temperature change from ambient.

The **HotSpotter** is robust and watertight. It runs off a standard 9 Volt alkaline battery lasting for up to 20 hours of continuous use.

The **HotSpotter** is protected IP66.

### FEATURES & ADVANTAGES

- Quick finding of a hot spot after fire extinction.
- Easy location of the seat of a fire in heavy smoke.
- Fast and efficient finding of smoldering embers outdoors.
- Sensible to remote temperature using Infrared.
- 'Geiger counter' sound output.
- LED output to show visual display of temperature.
- Automatic zeroing using local ambient temperature to enable detection of hotter spot in an already hot environment
- 7 degree 'viewing cone' optics to permit scanning of a wall or ceiling.
- Two different sensitivity ranges - High / normal.
- Two different sound volumes to use in noisy or quiet surroundings.
- Comparison function for two different spots
- Robust watertight polycarbonate blend housing.
- Location for lanyard to be attached.
- Easily operated with a gloved hand.
- Cost-effective personal tool for every fire fighter.

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