

life Detector

Integral Seismic & Acoustic Life Detection Kit combines the advanced Integral Life Detection System with a dedicated Victim Simulator Module, offering a comprehensive, ready-to-deploy solution for rapid search and rescue operations.

Engineered for precision and reliability, the system employs up to six seismic sensors and one acoustic sensor to detect the faintest signs of life beneath rubble, debris, or collapsed structures. It is designed for diverse rescue scenarios including earthquakes, building collapses, explosions, landslides, mine cave-ins, and confined-space incidents.



Technical Specifications

- Parameter Specification
- Detection Type Seismic / Acoustic Listening System
- Frequency Range 1 Hz – 3000 Hz
- Input Impedance Seismic > 6 K Ω • Intercom > 3 K Ω
- Filters: Rumble (100 Hz) • PWR (50/60 Hz Notch) • Hiss (600 Hz Low-Pass)
- Display LED Bar-Graph
- Headset Output ¼" Stereo Jack • 0.13 W @ 60 Ω
- Sensors Included 6 \times Seismic + 1 \times Acoustic
- Shock Resistance > 1000 g
- Power Supply 12.5 V / 100 – 240 V AC (50Hz)
- Battery Type Lithium-ion Rechargeable 20 hours
- Operating Temperature –15 $^{\circ}$ C to +60 $^{\circ}$ C
- Storage Temperature –20 $^{\circ}$ C to +70 $^{\circ}$ C
- System Kit Includes: Sensors • Sensor Spikes • Magnetic Clamps • Intercom Probe • Headphones • Charger • Cables • Carry Bag • Manual

Manufactured By:

 **integral**
Safety Engineers

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