

# Thumpphone III

**DSP Acoustic Detector** 



## Benefits:

- ➡ Find quiet faults faster
- Latest DSP technology
- Single pickup operation
- Optional dual pickup
- ➡ Included magnetic detector lets operator know when to listen
- D Four digital filter settings
- D New and improved noise filters

#### **Description:**

The Thumpphone III is a solid state amplified listening device using the latest Digital Signal Processing (DSP) Technology. It is designed to be used in conjunction with capacitive discharge impulse fault locators (thumpers) to help in precisely locating underground cable faults.

#### Simply Tough:

The lightweight amplifier is hung around the operator's neck and the rugged pickup head is tethered to it by a 5-foot braided nylon sheath containing the small connecting cable. Simple On/Off, Volume, and Filter Selection Controls operate the unit.

#### Complete Control:

The internal active volume limiter reduces the maximum volume to a comfortable level during loud transients such as dropping the pickup head. This allows the volume control to be left as a high level while lifting the pickup head by its cable, moving it, and putting it down to listen.

#### Listen Carefully:

Four selectable DSP filters virtually eliminate traffic noise and optimize filtering. With these systems in place, the operator is able to effectively use the device in noisy environments, including next to busy roadways. Additionally, the pickup head ignores rustling grass and rain.

#### Portable Convenience:

It is powered by two AA batteries. Three removable spikes are provided to install in the pickup head when using the unit on grass.

### Precise Operation:

An internal magnetic impulse indicator assists in locating the fault by indicating (1) that the thumper is still running: (2) that the user is walking the proper cable route; and (3) exactly when the thump occurs, so the user can be listening carefully at that instant.



