

# ML-1 & ML-1M MAGNETIC LOCATORS



## KEY FEATURES

- 1 Low Battery Warning (when only 5% battery life left)
- 2 Speaker
- 3 On/Off & Volume Control
- 4 Gain Up
- 5 Gain Down
- 6 - and + Signal Strength

## FEATURES

- ▷ Detection of ferrous metal objects, including property pins and markers, live wires, weapons, devices and other objects.
- ▷ Easy and simple, one handed operation – 3 keypad switches:
  - ▷ On/Off button: Turns unit on or off.
  - ▷ Gain Up button: Increases the locating sensitivity of the unit.
  - ▷ Gain Down button: Decreases the locating sensitivity of the unit.
- ▷ Strong aluminum “MonoTube” construction from the tip through the end of the handle. The ABS injection molded electronics compartment provides the best structural integrity in a hand-held locator.
- ▷ Lightweight - just over 2 pounds, including batteries.
- ▷ Volume built into the on/off key: just hold down the key while it cycles through settings.
- ▷ Microprocessor remembers the volume and gain settings from the last time the unit was on.
- ▷ Battery compartment separated from electronic components and circuit board.
  - ▷ No exposing electronics to replace the batteries.
- ▷ Non-metered (ML-1), and Metered (ML-1M) versions designed to look, feel, and operate exactly the same.
- ▷ The metered version (ML-1M) adds features without complexity. No learning curve between units.
- ▷ Detection of buried ferrous metal objects at depths up to 10'.
  - ▷ Handgun: 1' to 2'
  - ▷ 175mm projectile: 4' to 5'
  - ▷ Water Shutoff valve: 6' to 10'
- ▷ Soft-pack carrying case included. Hard case optional.
- ▷ Over 5000 ML-1M units in Afghanistan used for detection of improvised explosive devices (IEDs) and Unexploded Ordnances (UXOs).
- ▷ 7 year warranty.

## SPECIFICATIONS

- ▷ **Overall length:** Aluminum tube is 39" (98.4cm). The electronics compartment is 3.25" (8.25cm) tapered to 2.5" (6.4cm) wide x 4.5" (10.15cm) deep tapered to 2.5" (6.4cm).
- ▷ **Weight:** 2lbs.(0.9kg) including batteries.
- ▷ **Battery Life:** Under normal operation, approximately ±30 hours.
- ▷ **Input Power:** Two standard 9-volt alkaline batteries in custom molded bottom compartment.
- ▷ **Function:** Electronic keypad that clicks when a key is depressed.
- ▷ **Audio:** A real speaker is in the front panel providing outstanding volume. The speaker pitch increases in frequency proportional to field intensity.
- ▷ **Visual: ML-1M** model has LCD display with bar graph indicating relative strength of signal and polarity. Flashing battery symbol indicates low battery.
- ▷ **Construction:**
  - ▷ Exterior Sensor Tube made of aircraft grade aluminum.
  - ▷ Electronic Compartment made of ABS injection molded plastic.
- ▷ **MADE IN USA.** Built and serviced entirely in Wisconsin.



### Includes:

- ▷ Soft-pack custom case
- ▷ Instruction manual
- ▷ 1 set of 9-volt batteries



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