

Magnetic Locators

SubSurface Instruments Model ML-1 and ML-1M Magnetic Locators

The ML-1 and ML-1M magnetic locators by SubSurface Instruments are the most sensitive and ruggedly built ferromagnetic locators available. Locate iron valve boxes, steel survey pins, iron pipes, buried manhole covers, and other ferrous objects hidden under pavement, grass, or snow.

FEATURES

- **Easy and simple one-hand operation, built-in handle!**
- **Easy to learn – 3 keypad switches:**
On/Off and Volume, Sensitivity Up, Sensitivity Down.
- **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.
- **Non-metered (ML-1), and metered (ML-1M) versions** designed to look, feel, and operate exactly the same, with the same life-time warranty.
- **ML-1M version with LCD** shows positive or negative polarity and signal strength. Detect edges of covers and pipe joints.
- **The metered version (ML-1M) adds features without complexity.** No learning curve between units.
- **Strong aluminum “MonoTube” construction** from the tip through the end of the handle and ABS injection molded electronics case provides the best structural integrity in a hand-held locator.
- **Lightweight**, only about 2 pounds, including batteries.
- **Uses 2 regular alkaline 9 volt batteries parallel.**
The unit is shipped with 2 spare batteries.
- **Soft-pack carrying case included.** Hard case optional.
- **Life-time warranty.** “Good enough to last a life time, and then some.” It’s a tool! Don’t settle for less!
- **Battery compartment separated from electronic components and circuit board.**
No exposing electronics to replace the batteries.



- and + Signal Strength
Speaker
On/Off and Volume Control
Gain Down
Gain Up
BATT Low Battery Warning when only 5% battery life left

SPECIFICATIONS

Materials	ABS injected molded plastic and aluminum
Weight	2 lbs. including batteries
Size	Length of tube is approximately 1.25" x 38.75", tip to tip The electronics compartment is approximately 3 ¼" tapered to 2 ½" wide x 4 ½" deep tapered to 2 ½"
Power	2 each, 9 volt alkaline batteries in custom molded bottom compartment
Battery Life	40 hours minimum
Function	Electronic keypad that “clicks” when a key is depressed. A “real” speaker is in the front panel providing outstanding volume.
Carrying Case	Soft-pack custom case, instruction manual, and 2 sets of 9 volt batteries (1 set is a spare). Optional hard case is available.
Warranty	Lifetime

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