

ML-1 & ML-1M Magnetic Locators

Whether searching for Surveyor's Corner Markers, Magnets, and nails; or Steel and Iron Pipes, and Energized Power lines; the ML-1 and ML-1M are the very best tools you can buy.

— Well Casings, Manhole Covers, Valve and Curb Boxes, Steel Drums, Septic Tank Handles, and even Unexploded Bombs; are just some of the items the Magnetic Locator can detect.



Do you like it Loud?

Yes?

Then crank it up!
It's capable of being louder and more sensitive than any other magnetic locator on the market!



210-D N. 21st Street
Purcellville VA 20132
540-338-1202 Phone
540-338-1852 Fax
www.SSLocators.com



SubSurface Instruments

-Easy & Simple One-hand Operation, built-in handle!
-Easy to learn -3 Keypad Switches:
- On/off & Volume, Sensitivity Up, Sensitivity Down.
- Volume built into the On/off Key:
- Just hold down key while it cycles through settings.
-Micro-processor 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 5 year warranty.
-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; and the unit is shipped with 2 spare batteries.
-Soft-pack carrying case included; hard case optional.
-LIFETIME warranty. "Good enough to last a life time, and then some." It's a tool! Don't settle for less!!
-Engineered by the most experienced design and manufacturing team of magnetic locators, today.

To Meter (ML-1M) or not to meter (ML-1):
that is the question:

- Work in noisy environments?
- Need to find markers along a chain-link fence?
- Want to find the joints in a pipeline easier?
- Like visual signal strength & polarity indications?
- Want a visual indication of remaining battery life?
- Then choose the metered version (ML-1M)!

The ML-1M LCD Meter Indications:

Negative (-)
Polarity &
Signal Strength



GAIN
(Sensitivity)
Settings

Positive (+)
Polarity &
Signal Strength

Low Battery
Warning is a
Battery Symbol
which appears
when there is
approximately
5% of Battery
Life remaining.



Specifications: ML-1 and ML-1M

Note:

The ML-1 has No Meter
The ML-1M has an LCD Meter
That is the only difference!

The LCD Meter above right is a sample.

The insert of the LCD shows how the meter fills with bars to indicate Polarity, Signal Strength, Gain or Sensitivity Settings and a Battery Power Icon. The battery icon appears and flashes when 5% of the batter life is left -don't change them yet -just carry a spare set with you.

Specifications:

Size: Length of the tube is approx. 1.25" x 38.75", tip to tip.
The Electronics Compartment is ABS Injection Molded Plastic; approx. 3-1/4" tapered to 2-1/2" wide x 4-1/2" deep tapered to 2-1/2"
Weight: 2# including Batteries. Color: SubSurface Blue, Yellow Keys.
Power: 2 each, 9-volt alkaline batteries in custom molded back comp.
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 available.

Signal Strength "-"

Signal Strength "+"

Negative POLARITY Positive



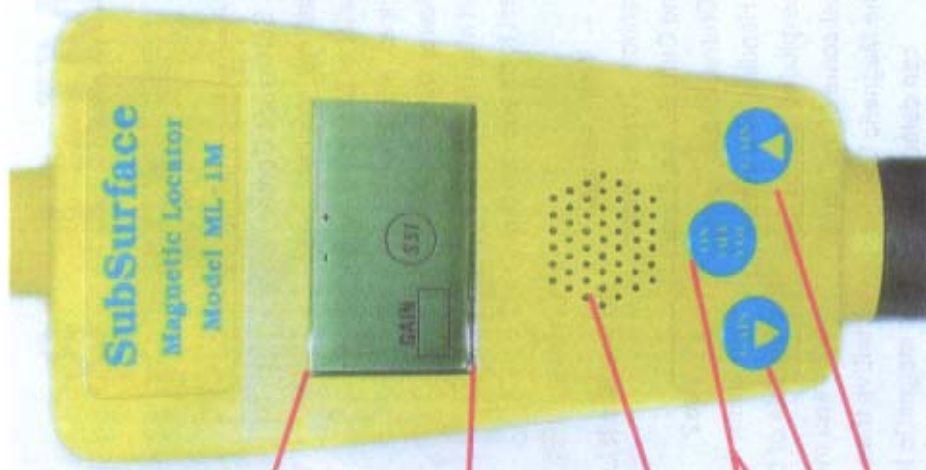
Speaker

On/Off Control

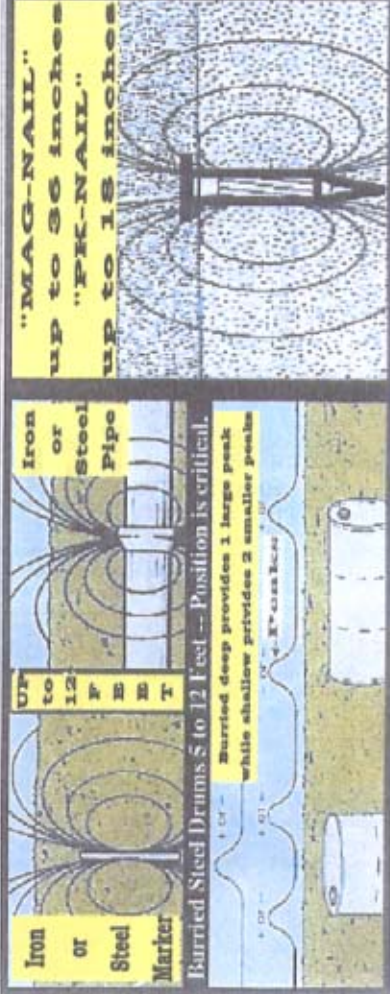
Volume Control

Gain - Down

Gain - UP



The founders of SubSurface have well over a century of experience in design, manufacture, marketing, service, and support of these type products. We repair & support every product we ever made in our work history... Quality & Pride is built into every product!



"MAG-NAIL"
UP TO 36 inches

Iron
or
Steel
Marker

Burried deep provides 1 large peak
while shallow provides 2 smaller peaks

"PK-NAIL"
UP TO 18 inches

Visual and/or Audio Peaks

Negative one end & Positive on the other.

Horizontal Stalk of Iron or Steel Pipe; whether welded or bolted together does not matter

If the above Rod or Pipe was positioned vertically, it would give off a single stronger signal which would be either Negative "-" or Positive "+"; depending on which end was up.