

HoundDog Magnetic Locator

With Fence Ignoring Technology

Instruction Sheet- Read before using



Finding a survey marker in a fence line

Almost every vertical ferrous metal object in the northern hemisphere has a magnetic north + and south - pole. Positive + is at the top, negative - at the bottom. The top of a fence will be positive + and the bottom will be negative -. The top of a rebar, iron pipe and Mag Nails will be the same, + top, - bottom. The Hound Dog has a #1 and #2 switch at the top of it. #1 position is Normal locating mode, #2 is Fence Ignoring Technology "FIT" Mode. In the #2 position "FIT mode" it ignores the negative - normally found at the bottom of a ferrous object like a fence. When the locator detects a negative like the bottom of a fence the locator will make a low steady tone with the green light on until it detects a positive like the top of a rebar. When it detects the positive or the top of a surveying marker the red light comes on and it returns back to normal locating tone finding your surveying maker. Then when you go past the surveying marker and it detects the negative the green light comes on and returns back to FIT mode with a low steady tone until it detects a positive again.

Simply put -

Green light, low steady tone, keep moving.

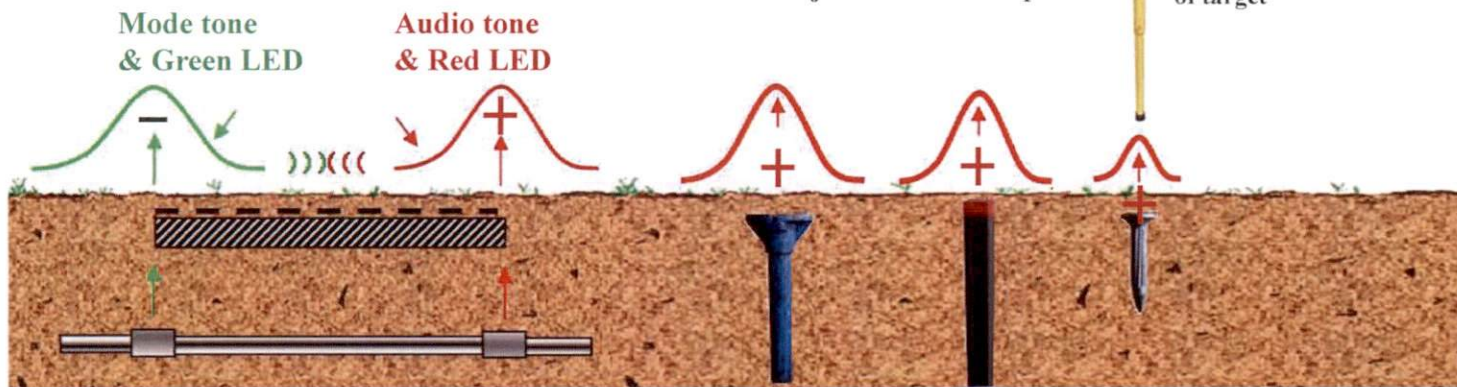
Red light, normal tone, stop and check

A Green & Red LED will show for Horizontal & Unwanted objects

Its Simple to use

The detector will show only the **Red LED** along with an Audio Tone Pitch for objects in a vertical position.

LED flash rate & detector audio will peak over center of target



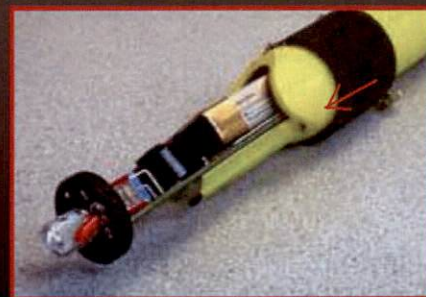
SPECIFICATIONS: Volume increases automatically when object is detected

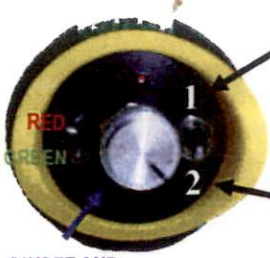
- Operating Temperature-13 to 140 F - Weighs 1 3/4 lbs
- Uses one 9 volt battery (55hrs Intermittent use) Low battery indication
- Detector can be submerged in the water up to the handle grip 30"
- 5 year warranty - not effected by ground metals - Over all length 37"
- Circuit board is surface mount technology and has a silicon protected coating

Survey markers up to 8ft. deep
MAG NAIL & PK nails up to 14" deep
Manhole covers, Catch Basins, Cast-Iron Pipes, Septic Tank Handles, Oil Tanks, Steel Drums & Well Casing, Valves & Curb Boxes up to 9' deep

Low Battery Indication and Easy Replacement

A pulsating tone will indicate Low Battery. During the pulsating tone the detector will still locate properly for some time before having to replace it. Loosen screw 2 turns and push knob along the slot.





IN SETTING 1: THE DETECTOR PERFORMS AS A BASIC MAGNETIC LOCATOR.

Signal from ferrous metal objects including **horizontal** will be indicated with only **Audio Tone** and **Red Led**
 NOTE: No **Green Led** will show when used in setting 1.

SETTING 2: PATENTED (TID) TARGET IDENTIFICATION SYSTEM. WE RECOMMEND USING (TID) FUNCTION AT ALL TIMES.

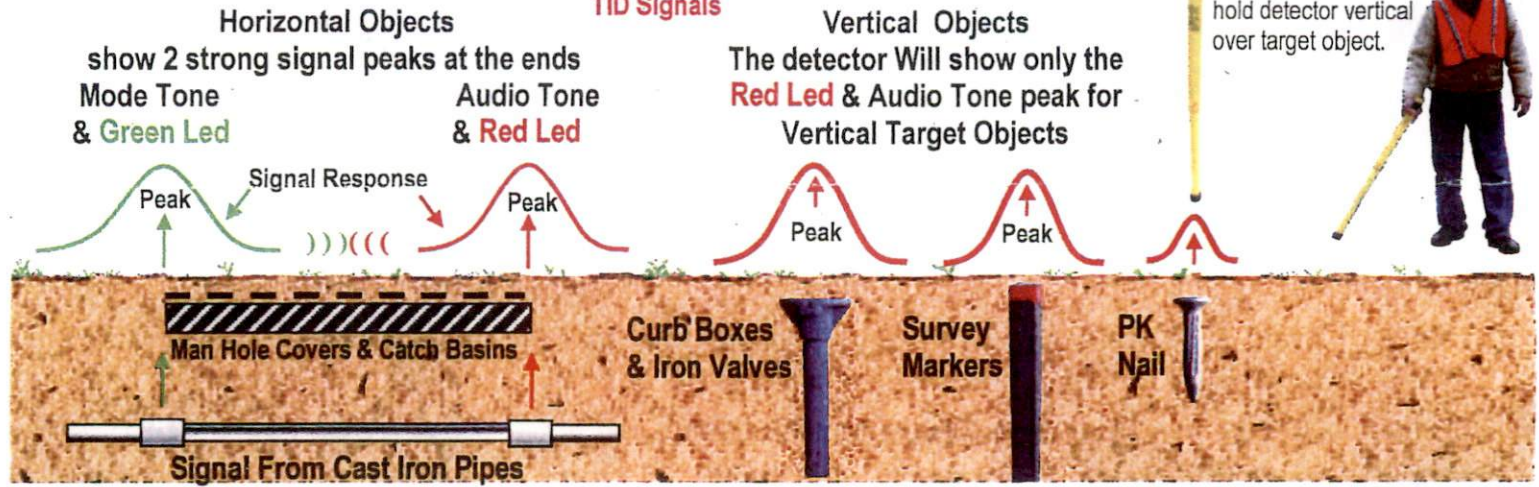
This feature will save you time digging unnecessary holes in the ground.

Turn sensitivity approx 1/2 way up. When searching, hold tip close to ground move forward swinging detector left and right.

To pinpoint target hold detector vertical over target object.



ON/OFF AND SENSITIVITY CONTROL



LOCATING DEPTHS UP TO IN FEET

9 ft Survey Markers	17 ft Well Casing
1 ft PK Nail	Up to 12 ft Steel Drum
10 ft Valve & Curb Boxes	Up to 15 ft Oil Tank
10 ft Manhole Covers	Road Culverts
8 ft Cast-Iron Pipes	Catch Basins
4 ft Septic Tank Handles	Fire Hydrants



A PULSATING TONE INDICATES **LOW BATTERY**. YOU CAN STILL USE THE LOCATOR FOR SOME TIME BEFORE REPLACING. LOOSEN SCREW 2 TURNS & PUSH ALONG SLOT TO EXPOSE THE BATTERY. **NOTE: DO NOT PULL ON SENSITIVITY KNOB**



Instructions For Setting 2 TID

LOCATING NEAR FENCE LINES

Hold Locator at a slight angle to the fence. A **Mode Tone & Green Led** will appear. Next move Locator along the fence line. When a strong **Audio Tone & Red Led** appears this will indicate a possible Vertical Target Object.

This unique feature also makes discriminating between real targets and junk metal very simple.

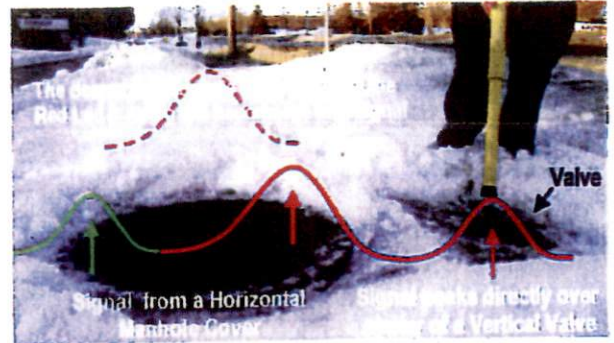


A strong **Audio Peak & Red Led** from a Vertical Target will over power the **Mode Tone & Green Led** signal from the fence.

Audio & Visual Signals from a Culvert

Culverts: like other large metal objects send out Interfering ferrous signals which could be interpreted as the culvert. The (TID) Function will identify these false signals with a **Green Led & Mode Tone**.

The Culvert will show a **Red Led & Audio Tone**. You can pin point the Culvert to within a couple of feet.



The further the distance between where the red signal ends and where the green signal starts the deeper the tank is buried. Example: If the **Green signal** starts 3ft from where the **Red signal** over the tank stopped, then your tank is buried 3ft. We recommend digging in the **Green zone** first to avoid hitting the Tank or Steel Drum. The deeper the tank/drums are buried the **Red Led & Audio** will become the only signal.

