

FISHER FPID 2100 *Ferro Magnetic Locator*

The Fisher FPID 2100 features a patented (TID)[™] Target Identification System designed to save you time from digging unnecessary holes, especially in hard or frozen ground.

This unit can effectively locate valves, b-boxes and curb stops up to 9ft deep, survey markers up to 8ft deep, and PK nails up to 14" deep. It provides performance so controlled that it can distinguish between a manhole cover and a closed iron valve.



Setting 1:

The Detector Performs As a Basic Magnetic Locator

Setting 2:

Patented (TID) Target Identification System.

FEATURES

- Unbeatable performance locating targets near a fence line
- Pinpoints to 1" of center for Valves and Curb boxes
- Excellent for finding buried ferrous objects including PK nails, iron pipes, valve covers, masonry nails and old hidden culverts
- Strong ABS plastic housing. Unique top end design protects switches while the operator is still able to use the controls when wearing thick gloves
- Pulsating tone/low battery indication and quick, easy battery replacement

SPECIFICATIONS

- Operating Temperature: -13 to 140°F (-25 to 60°C)
- Power Supply: 1 – 9V Battery
- Weight: 2lbs (.9kg)
- Dimensions: Overall length 34" (86.36cm)
- Submersible in water up to the handle grip 30" (76.2cm)

ASSOCIATED TECHNICAL SERVICES LTD.

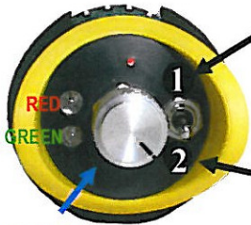
524 W. Saint Charles Road, Villa Park, IL 60181

24-Hour Hot Line Number (630) 834-1558

www.ATSLimited.com

- Utility Location Specialists - Est. 1979
- Location System Dealer Since 1980
- Equipment Sales, Expert Training
- After - Sale Technical Support

FISHER FPID 2100 Ferro Magnetic Locator



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.

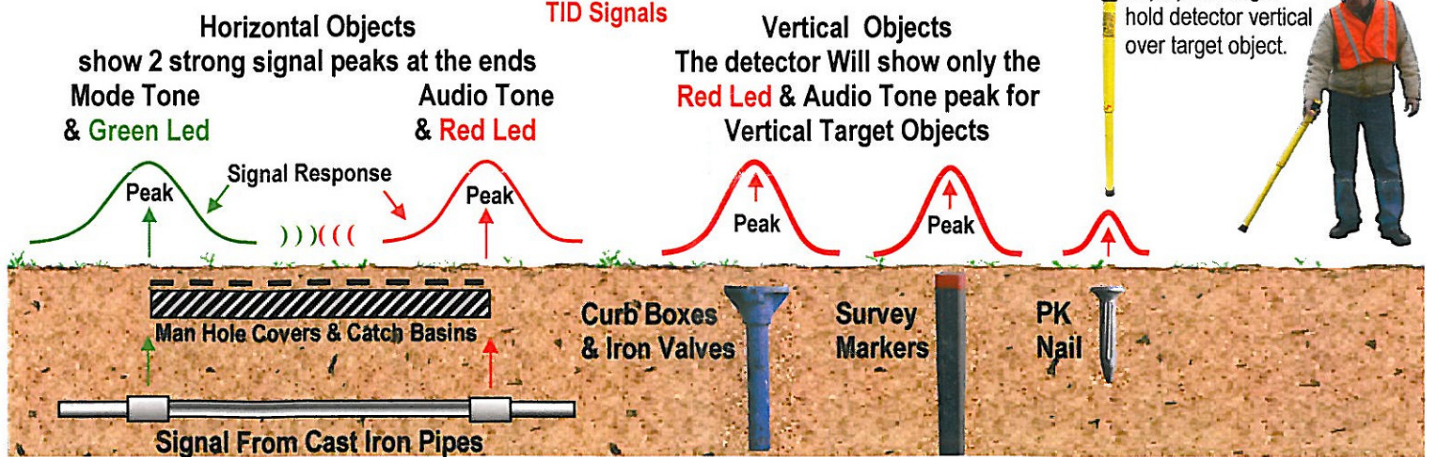
This feature will save you time digging unnecessary holes in the ground.

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



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**

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



Instructions For Setting 2 TID

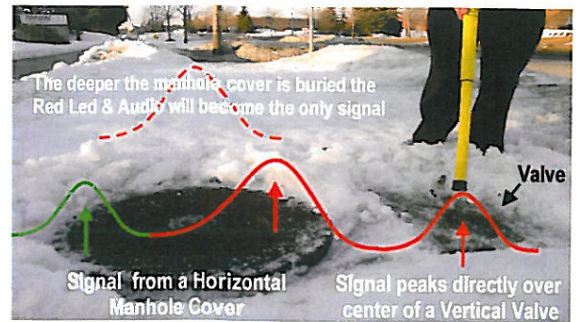
LOCATING NEAR FENCE LINES

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.

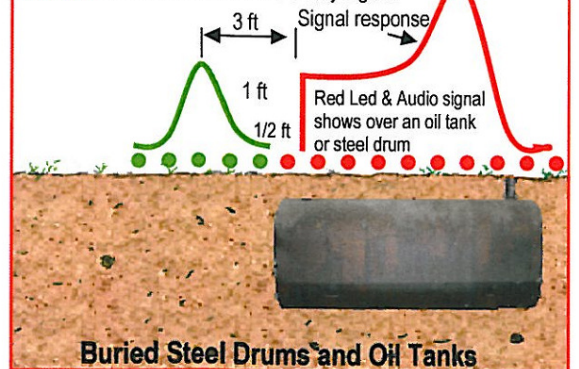
This unique feature also makes discriminating between real targets and junk metal very simple.



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



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.



Contact ATS Today!
630.834.1558
www.ATSLimited.com

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 pinpoint the Culvert to within a couple inches of it's center and along its entire length.

