

# PL-VF3 PIPE & CABLE LOCATOR

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## PL-VF3 DESCRIPTION

Simple, accurate and affordable, the PL-VF3 Locating System will meet the demands of any locate task. This locator is designed for the locating professional, but it is simple enough to be used by anyone needing to locate.

The PL-VF3 Locating System is adaptable; frequencies and operational modes may be added or deleted on demand to suit the user's locating needs.

Our innovative technology creates a remote link between the transmitter and receiver. Users can control the transmitter's output power and frequency right from the hand-held receiver, eliminating the back and forth walking between devices.

A large, high-contrast LCD offers clearly visible signal response in any lighting. Automatic depth, automatic current, and proximal directional arrows are readable in the brightest sunshine or back-lit for viewing in dimmer conditions.

Whether the locate is measured in feet or miles, 3 watts of power and automatic impedance matching from 5 ohms to 25,000 ohms, ensures adequate signal. The PL-VF3 Locating System is a must have for anyone needing a simple and accurate locator.

**Standard Frequencies:**  
 512 Hz, 8kHz, 33kHz, 82kHz  
 and 200kHz.



## FEATURES

- Three button keypad simplifies the user interface
- 8 Locating Modes: the multi-channel processor allows for simultaneous field detection from a multiple antenna array ensuring accuracy
- Transmits 2 frequencies at the same time
- Customizable frequencies and operational modes
- Automatic Impedance Matching Technology: maximizes your transmission range while minimizing power consumption
- Remotely controls your transmitter from the receiver to more than 400 meters (437 yards)
- High-Contrast LCD Interface with Back light: guides the operator to the target location by providing all relevant data including continuous depth, current measurement, signal strength, and directional arrows
- Constant Depth & Current Measurement: real time updates on line depth and signal condition
- 1-4 year warranty. Warranty extends to 4 years when registered within 30 days of original purchase
- Made in the USA



**Soft Padded**  
 Carrying Case

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## SPECIFICATIONS

### RECEIVER

**Operating Frequencies:** 512Hz to 200kHz  
**Sonde:** 640Hz, 512Hz, 815Hz, 8.192 kHz & 32.768kHz  
**Passive Power modes:** 50env & 60env, Radio Frequency; Rectified CP 50Hz & Rectified CP 60Hz  
**Antenna Mode:** Simultaneous peak/null (dual horizontal antennas & vertical antenna), pin-point peak (dual horizontal antennas), directional guidance, peak (single horizontal antenna) & null (single vertical antenna)  
**Display:** Indicators back-lit segmented LCD bar graph, battery condition, continuous mode signal strength, depth measurement, line orientation, left/right line guidance, operating mode, volume level & function indicators  
**Audio Indication** Variable pitch & Live Sound. 4 volume selections including mute.  
**Current measurement display** indicates relative current  
**Power Source:** 6 "C" cell batteries  
**Battery Life:** Continuous: 30h. Intermittent: 82h.  
**Signal Strength:** LCD bar graph, absolute signal strength 0-999  
**Left/Right Gain Control Guidance Mode:** Automatic  
**All other locate modes:** Manual gain adjustment & automatic centering  
**Dynamic Range:** 126 dB  
**Depth Measurement:** 3 digit LCD readout of push-button measurement (1 inch - 30 feet) (.02m-10.6m) with accuracy > 5% of depth. (Digital measurement)  
**Operating Temperature:** -4°F to +133°F (-20°C to +55°C)  
**Ingress Protection Rating:** IP65  
**Dimensions:** 30.3" x 9.4"  
(77cm x 24cm)  
**Weight:** C-cell: 4.2 lbs (1.9 kg)



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**PL - VF**  
VARIABLE FREQUENCY RX

### TRANSMITTER

**PL - VF3**  
3 WATTS TRANSMITTER



**Available Operating Frequencies** 512Hz to 200kHz  
**Indicators** AC load assistance measurement, relative ohms, voltage, live voltage output, current output, power level, frequency, mode, battery indication alert, low battery indicator audio/visual with modulated low battery warning transmitted to receiver  
**Load Matching** Automatic from 5 ohms to 25,000 Ω  
**Output Power** 3 power settings Low & Medium Frequency Range: 0.2w to 3w High  
**Frequencies** (above 44kHz) : 0.2 to 1w  
**Power Source** 8 "C" cell batteries  
**Battery Life:** Continuous: 8-15 hours (Dependant on load, frequency, power setting)  
**Operating Temperature** -4° F to 133° F (-20° C to 55° C)  
**Ingress Protection Rating** IP65  
**Dimensions** 8.5" x 5.8" x 2.5" (21 cm x 15 cm x 6 cm)  
**Weight:** 2.2 lbs (1 kg) with batteries  
**Country of Origin** United States of America  
**Warranty:** 1 year warranty. "4" Years Warranty when registered at <http://www.ssilocators.com/warranty-registration> within 1 month of the date of purchase.

### OPTIONAL ACCESSORIES



**PL - VF10**  
10W TRANSMITTER  
With Alkaline batteries or Li-Ion rechargeable batteries



**WIRELESS INDUCTIVE CLAMP**  
Self-contained, stand-alone, transmitting inductive coupler. 3 frequencies, High & Low Power Outputs, rechargeable batteries.



**A-FRAME**  
Works Independent from the receiver. Detects core-to-ground faults & sheath-to-ground faults.



**INDUCTIVE COUPLER 4" I.D.**  
Apply signal to live cables.  
4" I.D. - Operational  
Frequency Range 8kHz to 82 kHz.

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