

# L1050

## Portable Locator



- **Multiple frequencies**
- **Transmits AF or RF signals**
- **Peak detection**
- **Portable and lightweight**
- **Conductive or inductive tracing**

### DESCRIPTION

The L1050 Portable Locator rivals any path locator at any price. An innovative concept, the receiver is a one-piece design that is lightweight and highly accurate. The superior filtering of the L1050 receiver picks up the transmitted signal easily at waist height, thus eliminating awkward bending.

Operating the receiver at multiple frequencies optimizes performance for the specific needs of the user. Low frequency of 815 Hz provides longer range and reduced errors from adjacent cables, ideal for electric power services. High 82 kHz frequency will path locate past bad telephone bonds, locate underground stubs and permit inductive locating with either the optional flexible coupler or direct soil induction.

### APPLICATIONS

Flexibility remains the key strength of reaching difficult, multi-point, grounded utility locating applications. Combining high power at low frequency virtually eliminates the false coupling into adjacent objects and allows the high transmitter power to burn a signal past several grounds and into multiple distributed grounds. Multi-grounded electrical distribution service, continuously grounded water pipes, multi-grounded telephone shield wiring, highly capacitive cathodically protected coated gas pipes and CATV systems all benefit from the flexibility of the L1050.

### FEATURES AND BENEFITS

- Multiple output frequencies provide accurate long or short range locates.
- High power at low frequency solves the difficult multi-point grounded utility locating problem.
- Superior receiver filtering allows accurate operation at waist height, thus eliminating awkward bending.

**SPECIFICATIONS**

**Receiver**

**Operating Frequency**

815 Hz or 82.315 kHz

**Antenna Mode**

Null responding vertical coil

**Operating Temperature Range**

- 4° to +133° F  
(- 20° to +55° C)

**Battery Type**

Eight AA size alkaline cells

**Battery Life**

120 hours

**Dimensions**

3 H x 3 W x 13 L in.  
(7.6 H x 7.6 W x 33 L cm)

**Weight**

1 lbs 4 oz. (0.568 kg)

**Transmitter**

**Operating Frequency**

815 Hz or 82.315 kHz

**Output Power**

815 Hz	100 mW
82.315 kHz	
Directly coupled	100 mW
Inductively coupled	110 mW

**Operating Temperature**

- 4° to +133° F (- 20° to +55° C)

**Battery Type**

Eight D size alkaline cells

**Battery Life**

150 hours

**Dimensions**

6.5 H x 7.5 W x 17 L in.  
(16 H x 19 W x 43 L cm)

**Weight**

6 lb 3 oz. (2.8 kg)



**ORDERING INFORMATION**

Item (Qty)	Cat. No.
L1050 Portable Locator	651050
<b>Included Accessories</b>	
Peaking receiver	
Transmitter (2 frequencies)	
Red/Black cord	
Batteries	
Ground Rod	
Instruction Manual	
<b>Optional Accessories</b>	
Flexible coupler (Inductive Coupler)	651056

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**L1050\_DS\_en\_V10**  
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