

# SURE-LOCK *All Pro*

## *Multi-Frequency Locator*

The Sure-Lock® All Pro is “plug and play” with no programming required. The All Pro model was designed with a focus on increasing locating accuracy and productivity. The All Pro consists of an integrated receiver and transmitter which allows you to configure the optimal frequency to best locate all underground utilities more quickly and more reliably; even hard to locate utilities.

The All Pro offers a broad spectrum of frequencies ranging from 8.1K to 480 kHz. This range, which accommodates audio, radio and ultra-high frequencies, allows you to easily search for your target conductor like cable and insulated pipe. The All Pro even finds poor conductors such as bare steel, cast iron, unbonded cable, broken tracer wire and helps verify dead end utilities.

A unique feature of the All Pro is “continuous depth” readings. No need to press a button for your depth, a depth reading is continually displayed on the receiver as you near the target conductor.



### **FEATURES:**

- *Multi-jacking*
- *Simple two-button operation*
- *Continuous depth reading*
- *Phase locked loop technology reduces bleed off*
- *Weather resistant, durable, rugged*
- *2 year manufacturer's warranty*

**See back for specifications and ordering instructions**

# SURE-LOCK

## All Pro



## Transmitter

**Output Frequencies:** Selectable combinations of 8.1 K, 81 K and 480 K hertz.

**Output Jacks:** Multi jacking. Single and mixed frequencies available on individual output jacks.

**Output Mode:** Conductive and/or Inductive. Conductive Mode compatible with "live" conductors carrying up to 240 VAC, 50-60 hertz.

**Output Power:** Variable from 0.6-3 watts with automatic load matching. Loads may vary from 5 to 10,000 ohms.

**LCD:** Automatic backlight. Indication of output power, operating mode, self-test status, line voltage, load resistance, battery level, and instrument fault. Not on 81K and 480K models.

**Operator Interface:** Two sealed overlay membrane switches.

**Additional Connector:** Safety ground lug with wing-nut.

**Battery Type:** Sealed lead-acid 6 VDC, 7 AH.

**Battery Life:** 10-100 hours depending on frequency and power level selection. Automatic shutdown in 90 minutes with no switch activity.

**Battery Status:** Continuous indication.

**Battery Charger:** 120 VAC, 50-60 hertz and an optional external, isolated, 12 VDC (automotive).

**Accessories:** Conductive attachment and optional coupling clamps.

**Temperature Range:** -25°F to 150°F (-32°C to 65°C)

**Dimensions:** 9.25"L x 5.5"W x 6"D.

**Weight:** 8 lbs.

**Construction:** Weather resistant ABS housing meeting NEMA 3S and IP54. Shock and vibration resistant.

**Warranty:** 2 year manufacturer's warranty.

## Receiver

**Active Frequencies:** 8.1 K, 81 K hertz with Depth & Left-Right 480 K hertz without Depth or Left-Right

**Passive Frequencies:** 50-60 hertz without Depth or Left-Right

**Dynamic Range:** 124 dB, typical

**Depth Range:** To 20 feet (240") estimated continuously indicated. Metric units selected during manufacture.

**Audio Response Type:** Variable pitch, passive mode only.

**Left-Right Guidance:** LCD indicators and audio prompts.

**Gain Adjustment:** Fully automatic.

**LCD:** Automatic backlight. Indication of digital signal strength, battery level, operating frequency mode, estimated depth, self-test status, speaker volume, signal lock, L/R arrows.

**Operator Interface:** Two sealed overlay membrane switches.

**Battery Type & Life:** Six alkaline AA cells (NEDA 15As). 90-120 hours

**Battery Status:** Continuous indication.

**Accessory Jack:** Inductive coupler clamp.

**Temperature Range:** -25°F to 150°F (-32°C to 65°C)

**Dimensions:** 30.5"L x 5.5"W x 1.25"D.

**Weight:** 4.4 lbs.

**Construction:** Weather resistant ABS housing meeting NEMA 3S and IP54. Shock and vibration resistant.

**Warranty:** 2 year manufacturer's warranty.

### TO ORDER:

Part No. 101344-0 All Pro Locator Kit:  
transmitter, receiver, carrying case,  
battery charger, grounding kit (1) and manual.

Heath Consultants Incorporated operates under a continual product improvement program and reserves the right to make improvements and/or changes without prior notification.



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