



# SR Utility Locators

Better Information → More Knowledge → More Confidence

Advanced processing power, combined with an innovative mapping display, allows you to find buried utilities with Speed, Accuracy and Confidence.

## Features

- **Proximity Signal**

Minimizes depth over target and maximizes relative signal strength to guide you closer to the target independent of the current flow.

- **Mapping Display**

Virtually maps the utility to help guide you down the line. Shows signal distortion and line turns in real time.

- **Continual Depth**

Increase productivity by showing depth changes in real time.

- **Guidance Arrows**

Guides the operator to target line by minimizing signal gradient.

- **Current**

Identifies current on target line for faster diagnosis of complex locates.

- **Signal Strength**

Allows the operator to maximize signal strength over the target.

Go to [www.rcramsey.com/srlocators](http://www.rcramsey.com/srlocators) to see a video of these locators in action.



**Speed** The added information provided by the SR Locator helps operators cut through the confusion and offers greater certainty when locating.

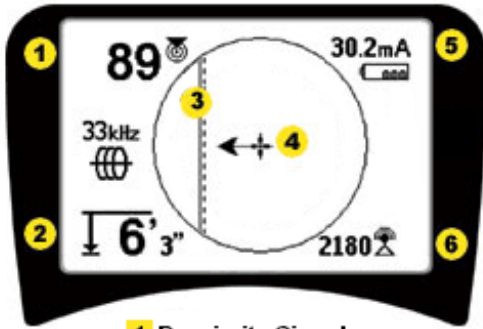
- Changes in line direction are displayed as they happen
- Maximum signal and left – right guidance arrows are continually displayed along with depth and current
- Additional lines approaching from multiple directions can be quickly identified

**Accuracy** Multiple underground lines and congested areas can cause signal distortion and make it difficult to get an accurate locate. With the SR Locator, you will quickly see this distortion and improve accuracy with:

- Guidance Arrows, Signal Strength and Proximity Signal to verify the locate.
- Continual Depth and Current to verify you are still on the targeted lines.

**Confidence** Missing a mark can be costly. The information provided by the SR Locator, combined with your expertise, allows you to work through difficult locates and mark lines with confidence.

- Instant feedback to determine a good or distorted signal.
- Find branch lines coming in from other directions.
- Find lines you didn't even know existed.



- 1 Proximity Signal
- 2 Continual Depth
- 3 Target Line
- 4 Guidance Arrows
- 5 Current
- 6 Signal Strength



Antenna mast folds to fit easily into it's case

### Inductive Signal Clamp

The Inductive Clamp allows users to apply a signal to a cable or pipe when connecting directly to the target conductor is not possible. The clamp couples the transmitting signal onto the conductor which then allows users to locate using the SR20 Locator.



Two built in LED's inform the user the clamp is functioning properly. An integrated adapter allows users to attach a hotstick for out of reach lines.

### Related Products



A truly portable, inexpensive, and user-friendly fault location system for primary underground cable.  
[www.iupcorp.com](http://www.iupcorp.com)

### SR Receiver Specifications

Active Line Trace Frequencies	128Hz, 1kHz, 8kHz, 33kHz
Sonde Frequencies	16Hz, 512Hz, 33kHz
Passive Power Trace	50Hz, 60Hz
Passive Radio Trace	<4kHz, 4kHz-15kHz, 15kHz-38kHz
Power Source	4 C-Size Batteries
Weight With Case	SR20 - 4 lbs., SR60 6 lbs.

### Additional SR60 Features

- Can trace any frequency from 10 Hz to 490,000 Hz.
- Can trace energized lines and sondes (beacons) simultaneously
- Has all the ease of use and accuracy of the SR-20 but with ALL locatable frequencies.

### Transmitters

Combine the SR Locator with the ST510 or ST305 Transmitter for your complete local package.

- Direct-connect using alligator clips
- Induction from the optional Inductive Signal Clamp
- Induction from the transmitter coils

#### ST510



Frequencies	128Hz, 1kHz, 8kHz, 33kHz
Output Power	10 watts, variable
Display	LCD
Weight	8.9 lbs.
Maximum Open Circuit Voltage	240VAC 50/60Hz
Power Source	8 D-Size Batteries

#### ST305



Frequencies	1kHz, 8kHz, 33kHz
Output Power	5 watts, nominal
Output	Any two frequencies
Weight	2.4 lbs.
Maximum Open Circuit Voltage	240VAC 50/60Hz
Power Source	6 C-Size Batteries

R.C RAMSEY LLC  
 Phone 877.805.4300  
[sales@rcramsey.com](mailto:sales@rcramsey.com)  
[www.rcramsey.com](http://www.rcramsey.com)

