





# Utility Locating Equipment

## RIDGID® SEEKTECH® LOCATING RECEIVERS

RIDGID locating receivers give users an accurate and instantly intuitive way to locate sondes and trace utility lines. Powered by an omnidirectional antenna system and real-time signal processing, RIDGID receivers provide an easy-to-use visual mapping display that allows you to locate with confidence. Use with a SeeSnake® camera equipped with a sonde transmitter to locate the camera head during an inspection, or use with a line transmitter to find buried utilities.

	SeekTech SR-60	SeekTech SR-24	SeekTech SR-20	NaviTrack Scout®
				
Catalog No.	22163	44473	21893	19238
Omnidirectional Mapping Display	Yes	Yes	Yes	Yes
User-Defined Frequencies	Yes - All Available	Yes up to 35 kHz	Yes up to 35 kHz	No
Number of Active Line Trace Frequencies	All up to 490 kHz	All up to 35 kHz	All up to 35 kHz	3
Sonde Frequencies	All up to 490 kHz	All up to 35 kHz	All up to 35 kHz	4
Passive Search	OmniSeek (searches all passive bands at once)	OmniSeek (searches all passive bands at once)	OmniSeek (searches all passive bands at once)	50/60 Hz
Depth	Continuous	Continuous	Continuous	Semi-Continuous
Weight w/batteries	5.4 lb/2.5 kg	4.1 lb/1.9 kg	4 lb/1.8 kg	3 lb/1.4 kg
Bluetooth®	No	Yes	No	No
Power Source	4 C-cell	4 C-cell	4 C-cell	4 C-cell

## RIDGID SEEKTECH LINE TRANSMITTERS

Accurately trace buried utilities by applying a signal with a RIDGID SeekTech ST series transmitter. All transmitters have multiple frequency options and are capable of applying a signal by direct connection and induction. Powerful 5 W and 10 W transmitters apply a strong signal for easy locates.

	SeekTech ST-33Q+	SeekTech ST-510	SeekTech ST-305
			
Catalog No.	49338	21903	21898
Max Power Output	10 W	10 W	5 W
Digital Display	Yes	Yes	No
Line Trace Frequencies	All up to 490 kHz	Selections up to 262 kHz	4
Inductive Frequencies	8 kHz or 33 kHz	4	3
Simultaneous Transmit 2 Line Frequencies	No	No	Yes
Weight w/ batteries	11.8 lb/5.4 kg (18 V) 12.5 lb/5.7 kg (D-cell)	7.9 lb/3.6 kg	2.9 lb/ 1.3 kg
Bluetooth®	Yes	No	No
Power Source	18 V/6 D-cell/External*	8 D-cell/External*	6 C-cell

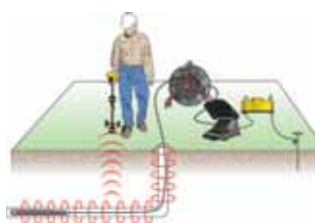
\*External power source is supplied by user



Find sondes (remote transmitters).



Direct connect to utility lines.



Find plastic pipe by tracing the push cable



Induce a signal to locate utilities.

# Utility Locating Equipment



## RIDGID® SEEKTECH® UTILITY LOCATORS

SeekTech SR® series locating receivers give you the information you need to locate buried utilities and sondes with speed, accuracy, and confidence.

### MAPPING DISPLAY FEATURES

The patented SeekTech omnidirectional antenna technology powers a unique mapping display to provide the fastest, most intuitive locating experience. The mapping display utilizes multiple redundant signal measurements to build locating confidence and identify distortion in congested areas.

- Target Line – Guides the operator down the line, shows changes in direction, and alerts for the presence of signal distortion.
- Left/Right Guidance Arrows – Pair of gradient antennas measures the left/right signal gradient to center the locator over the target and evaluate signal shape.
- Proximity Signal and Signal Strength – Helps the operator move the locator closer to the target for faster, more confident locates.

### ADDITIONAL FEATURES

- Continuous Depth – Shows depth changes in real time.
- OmniSeek® – Increases accuracy and efficiency when searching in passive mode. Continuously searches passive power and radio bands to locate unknown metallic lines.
  - User-Defined Frequencies – RIDGID SeekTech receivers can be configured with up to 30 user-defined frequencies.
  - SeekTech SR-60 locator can be set to any frequency between 10 Hz and 490KHz, making it a universal receiver.
  - SeekTech SR-20 or SR-24 locator can be set to any frequency between 10 Hz and 35KHz.



## Locating Equipment



### RIDGID® SEEKTECH® SR-60 LOCATOR

The SeekTech SR-60 has the largest display and widest frequency range for quickly and easily locating underground cables and pipes in a variety of situations. Choose the SR-60 locator for fast, confident locates even under tough locate conditions – including poor conductors, poor soil conditions, and poor grounding.

#### FEATURES

- Mapping display shows the utility's estimated position, direction and depth.
- Omnidirectional antenna array captures the complete signal field for greater speed and accuracy.
- Gradient antennas provide left/right guidance and help evaluate signal shape.

#### SPECIFICATIONS

- Power Source – 4 C-cell batteries
- Battery Life – Approximately 16 Hours
- Meets FCC Class A and EN 55022 Class A requirements.

#### FREQUENCIES

- Active Line Trace Frequencies\* – 128 Hz, 1 kHz, 8 kHz, 33 kHz, 51 kHz, 93 kHz, 200 kHz, 262 kHz\*\*
- Passive Power Trace – 50 Hz, 60 Hz, <4 kHz Broadband
- Passive Radio Trace – 4 kHz-15 kHz, 15 kHz-36 kHz
- Sonde Frequencies\*\* – 16 Hz, 512 Hz, 640 Hz, 850 Hz, 8 kHz, 16 kHz, 33 kHz

\* 30 user-definable frequencies can be set from 10 Hz to 35,000 Hz.

\*\* 30 user-definable frequencies can be set from 10 Hz to 490,000 Hz.



Catalog No.	Description	Weight	
		lb	kg
22163	SeekTech SR-60 Line Locator w/batteries	5.4	2.5

#### Accessories

Catalog No.	Description	Weight	
		lb	kg
20973	SeekTech 4" (100 mm) Inductive Signal Clamp	1.75	0.8
21898	SeekTech ST-305 Transmitter (5 W)	2.9	1.3
29798	SR-60 Replacement Case	5	2.2



## Locating Equipment



### RIGID® SEEKTECH® SR-24 LOCATOR

The SR-24 is a precision utility locating receiver with integrated GPS and Bluetooth® technology.

The SR-24's omnidirectional antennas capture the complete signal field, making it easy to acquire the signal and trace its path. The receiver maps the utility's position and direction on its display for a locating experience that is immediately intuitive.

#### FEATURES

- Mapping display shows the utility's estimated position, direction, and depth.
- Omnidirectional antennas detect the complete signal field for greater speed and accuracy.
- Gradient antennas provide left/right guidance for centering over signal.
- Distortion indicator shows signal shape inaccuracies so steps can be taken to improve signal.
- Bluetooth® technology for logging data to a smartphone, tablet, or high-precision GPS instrument.
- Pair with the ST-33Q+ transmitter to remotely set the transmitter's frequency and power output.
- Built-in GPS tracks coordinates for mapping and GIS applications, including the RIDGIDTrax® app.
- Foldable mast for easy transport and storage.

#### SPECIFICATIONS

- Power Source – 4 C-cell batteries (included)
- Battery Life – Approximately 16 Hours
- Wireless Technology – Bluetooth® Class 1
- Wireless Range – 200 yards (183 meters)
- GPS Average Accuracy – Less than 2.5 m (8.2')
- Meets FCC Class A and EN 55022 Class A requirements.

#### FREQUENCIES

- Active Line Trace Frequencies\* – 128 Hz, 1 kHz, 8 kHz and 33 kHz
- Passive Power Trace – 50 Hz, 60 Hz, <4 kHz Broadband
- Passive Radio Trace – 4 kHz-15 kHz, 15 kHz-36 kHz
- Sonde Frequencies\* – 16 Hz, 512 Hz, 640 Hz, 850 Hz, 8 kHz, 16 kHz, 33 kHz

\* 30 user-definable frequencies can be set from 10 Hz to 35,000 Hz.



Catalog No.	Description	Weight	
		lb	kg
44473	SeekTech SR-24 Line Locator w/Bluetooth® and GPS	4.1	1.9

#### Accessories

Catalog No.	Description	Weight	
		lb	kg
20973	SeekTech 4" (100 mm) Inductive Signal Clamp	1.75	0.8
21898	SeekTech ST-305 Transmitter (5 watts)	2.9	1.3
22173	SR-20/SR-24 Replacement Case	5	2.2



### RIDGIDTRAX®

A utility locating app that lets you create visual maps of underground utilities using a mobile or tablet device.



- Wirelessly stream locating data to common Bluetooth-compatible GPS devices.
- Select the type of utility being traced (water, gas, electric, etc.) and display depth and GPS position on a real-time map.
- Finished maps can be saved and viewed inside the app or exported to a .KML file for use with popular GIS programs such as Google Earth.™



## Locating Equipment



### RIDGID® SEEKTECH® SR-20 LOCATOR

The SeekTech SR-20 is a lightweight yet rugged utility line locator for locating underground cables and pipes. The SR-20 features an omnidirectional antenna array and gradient antennas to quickly locate and follow the target line's path.

#### FEATURES

- Mapping display shows the utility's estimated position, direction, and depth.
- Omnidirectional antennas detect the complete signal field for greater speed and accuracy.
- Gradient antennas provide left/right guidance for centering over signal.
- Distortion indicator shows signal shape inaccuracies so steps can be taken to improve signal.
- Foldable mast for easy transport and storage.

#### SPECIFICATIONS

- Power Source – 4 C-cell batteries (included)
- Battery Life – Approximately 16 Hours
- Meets FCC Class A and EN 55022 Class A requirements.

#### FREQUENCIES

- Active Line Trace Frequencies\* – 128 Hz, 1 kHz, 8 kHz, 33 kHz
- Passive Power Trace – 50 Hz, 60 Hz, <4 kHz Broadband
- Passive Radio Trace – 4 kHz-15 kHz, 15 kHz-36 kHz
- Sonde Frequencies\* – 16 Hz, 512 Hz, 640 Hz, 850 Hz, 8 kHz, 16 kHz, 33 kHz

*\* 30 user-definable frequencies can be set from 10 Hz to 35,000 Hz.*



Catalog No.	Description	Weight	
		lb	kg
21893	SeekTech SR-20 Line Locator (Includes Case)	4	1.8
46918	Kit: SR-20 + ST-305 Transmitter + 4" Inductive Signal Clamp	8.5	3.8

#### Accessories

Catalog No.	Description	Weight	
		lb	kg
20973	SeekTech 4" (100 mm) Inductive Signal Clamp	1.75	0.8
21898	SeekTech ST-305 Transmitter (5 watts)	2.9	1.3
22173	SR-20/SR-24 Replacement Case	5	2.2

## Locating Equipment



### RIDGID® NAVITRACK SCOUT® LOCATOR

The NaviTrack Scout locator is designed to solve the most demanding sonde locates using the same omnidirectional locating technology as the full-featured SR® series utility line locators. The NaviTrack Scout is ideal for users locating SeeSnake® cameras and other sondes and can also be used to locate energized lines.

#### FEATURES

- Locates SeeSnake in-line transmitters, sondes, and energized metallic lines.
- Transmitters can be approached from any direction for faster, more accurate locates.
- Locate can be easily verified using the large mapping display.
- Continuous depth measurement when the receiver's orientation is correctly aligned.

#### SPECIFICATIONS

- Power Source – 4 C-cell batteries
- Battery Life – Approximately 24 hours

#### FREQUENCIES

- Sonde – 512 Hz, 640 Hz, 874 kHz, 33 kHz
- Line Trace – 128 Hz, 8 kHz, 33 kHz
- Passive AC Line Trace – 60 Hz, 50 Hz
- Meets FCC Class B and EN 55022 Class B requirements

Catalog No.	Description	Weight	
		lb	kg
19238	NaviTrack Scout Locator	3	1.4

#### Accessories

Catalog No.	Description	Weight	
		lb	kg
16728	Remote Transmitter, 512-AAA	0.2	0.1

#### Replacement Parts

Catalog No.	Description
20248	Scout Carrying Case
12543	Marker Chips and Clip



# Locating Equipment

## RIDGID® SEEKTECH® LINE TRANSMITTERS

RIDGID offers a range of transmitters for tracing underground metallic pipes and cables. The SeekTech ST® transmitter series provides a range of frequency options and signal application methods to apply a traceable signal for easy, fast locating.

All RIDGID transmitters generate a signal onto the buried utility in one of three ways:

- Direct, metal-to-metal connection using connection leads.
- Induction with the SeekTech inductive signal clamp accessory.
- Induction from the transmitter's built-in antenna.



### RIDGID SEEKTECH ST-33Q+ TRANSMITTER

The ST-33Q+ is a powerful, Bluetooth® enabled line transmitter for applying a signal to buried pipes and cables.

- Power Source Options: RIDGID 18 V Li-Ion Battery, 6 Alkaline or rechargeable D-cell batteries, 12 VDC external power supply (user supplied).\*
- Power Settings: 10 W maximum.
- Wireless Communication: Bluetooth® capabilities when used with SR-24 locating receiver.

#### FREQUENCIES

- Direct Connect (factory default): 128 Hz, 1 kHz, 8 kHz, 33 kHz, 93 kHz, 262 kHz.\*\*
- Direct Connect (user defined): 10 Hz – 490 kHz (any frequency).\*\*
- Induction: 8 kHz, 33 kHz.

\* Batteries sold separately

\*\* Up to 93 kHz for devices sold in Europe, Australia and New Zealand

Catalog No.	Description	Weight	
		lb	kg
49338	SeekTech ST-33Q+ Transmitter w/Bluetooth® and 18 V Ridgid Battery	11.8	5.4
20973	SeekTech 4" (100 mm) Inductive Signal Clamp	1.75	0.8
44853	Set of (2) 2.0 Ah Batteries and (1) 120 V Charger	4	1.7



### RIDGID® SEEKTECH® ST-510 TRANSMITTER

- Power Source: 8 Alkaline or rechargeable batteries (D-cells) or 12 V external power supply (user supplied).
- Output Power: 10 Watts maximum.

#### FREQUENCIES

- Direct Connect (factory default): 128 Hz, 1 kHz, 8 kHz, 33 kHz, 93 kHz.\*
- Direct Connect (menu options): Selections up to 480 kHz.\*
- Induction: 1 kHz, 8 kHz, 33 kHz, 262 kHz.\*

\* Up to 93 kHz for devices sold in Europe

Catalog No.	Description	Weight	
		lb	kg
21903	SeekTech ST-510 Transmitter (10 Watts)	7.9	3.6

# Locating Equipment



### RIGID SEEKTECH ST-305 TRANSMITTER

- Power Source: 6 Alkaline or rechargeable batteries (C-Cells).
- Output Power: 5 Watts maximum.

### FREQUENCIES

- Direct Connect (factory default): 1 kHz, 8 kHz, 33 kHz, 262 kHz.\*
- Direct Connect (menu options): 33 kHz + 1 kHz or 33 kHz + 8 kHz.\*
- Induction: 1 kHz, 8 kHz, 33 kHz.\*

\* Up to 93 kHz for devices sold in Europe

Catalog No.	Description	Weight	
		lb	kg
21898	SeekTech ST-305 Transmitter (5 Watts)	2.9	1.3

## RIGID LOCATING ACCESSORIES



### RIGID SEEKTECH INDUCTIVE SIGNAL CLAMP ACCESSORY

- Allows users to apply a signal to a cable or pipe when direct connection is not possible.
- Compatible with all RIDGID transmitters.

Catalog No.	Description	Weight	
		lb	kg
20973	SeekTech 4" (100 mm) Inductive Clamp	1.75	0.8

### RIGID BATTERY SONDE

#### FEATURES

- 512 Hz signal.
- Flashing LED indicates that sonde is transmitting.
- Can be attached to a drain cleaning cable or water jet hose for being located in a line.
- Meets FCC Class B and EN 55022 Class B requirements.



Catalog No.	Description	Weight	
		lb	kg
16728	Battery Sonde, 512 – AAA	0.2	0.1

#### Accessories

Catalog No.	Description
19263	Adapter for 5/8" and 3/4" Drum Machine Cables
19268	Adapter for 7/8" Sec. and 1/2" Drum Machine Cables
19273	Adapter for 5/8" Sec. and 3/8" Drum Machine Cables