

## Underground Utility Locating

**Locating with RIDGID® transmitters gives you the power and versatility to quickly and accurately trace underground lines, cables, and pipes.**



ST-330+ Transmitter

“Since using RIDGID Locators, our jobs have become a lot easier.”

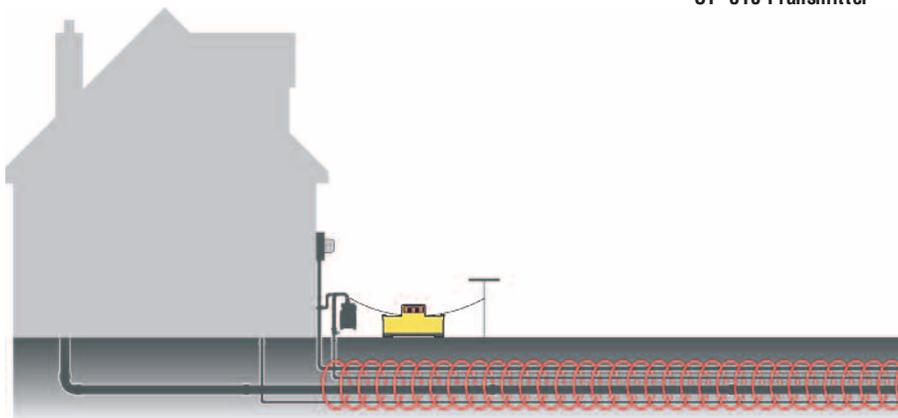
– Marco Chavarria of Novinium



ST-510 Transmitter



ST-305 Transmitter



# RIDGID® Locating

## ST-33Q+ Long Range 10W Transmitter Delivers:

**Distance:** Inductive mode is where the ST-33Q+ excels. Induce over 8 times more current than traditional transmitters. More current means you can walk and trace further than ever before.

**Versatility:** Induces at 8 kHz and 33 kHz for low distortion locates. In direct connect mode, the SeekTech ST-33Q+ can transmit at any frequency between 10 Hz and 490,000 Hz making RIDGID SeekTech ST-33Q+ one transmitter that can be used with all receivers.

**Speed:** More signal equals less retracing of your steps to pick up and move the transmitter. Cut your inductive trace steps in half, by only having to set up the ST-33Q+ once. In direct connect mode, the LCD display gives instant feedback on current flow and line resistance.

**Accuracy:** Induce more current at lower frequencies. Lower frequencies are less prone to jump onto other lines in congested areas reducing distortion and increasing accuracy.

**Remote Use:** When used with an SR-24 Bluetooth®-enabled locator, control the ST-33Q+ settings from the SR-24's menu wirelessly. You can change transmitted frequency wirelessly up to 200 yards line-of-sight.



### Specifications

#### RIDGID ST-33Q+:

##### Output 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 or 33 kHz

##### Weight:

11.1 lbs. (5.0 kg)

##### Power Source Options:

6 Alkaline or rechargeable D-Cell batteries, RIDGID 18V Li-Ion Battery, 12VDC external power supply

##### Power Settings:

10 Watts Maximum

##### Wireless Communication:

Bluetooth® capabilities when used with SR-24 Line Locator

## RIDGID ST-510 Line Transmitter Delivers:



**Power:** 10 Watts of fully variable power output with 5 default frequencies at the touch of a button. Other frequencies up to 480kHz can be selected from the menu.

**Speed:** LCD display provides instant visual feedback on line resistance and current flow.

**Versatility:** Two 25-foot lead wires allow for extending the leads when needed for better grounding conditions.

## RIDGID ST-305 Line Transmitter Delivers:

**Portability:** A lightweight and compact transmitter that delivers up to 5 Watts of power.

**Versatility:** Transmits two frequencies simultaneously to allow optimal frequency selection for those times when the condition of the target line might change.

**Speed:** Audio feedback confirms a good circuit before beginning a trace.



### **Specifications**

#### **ST-510:**

##### **Output Frequencies:**

**Direct Connect (Factory Default):** 128 Hz, 1 kHz, 8 kHz, 33 kHz, 262 kHz

**Direct Connect (Menu Options):** Selections up to 480 kHz

**Induction:** 1 kHz, 8 kHz, 33 kHz, 262 kHz

##### **Weight:**

8.0 lb. (3.4 kg) w/batteries

##### **Power Source:**

8 Alkaline or rechargeable batteries.(D-Cells) or 12V external power supply

##### **Output Power:**

10 Watts Maximum

### **Specifications**

#### **ST-305:**

##### **Output Frequencies:**

**Direct Connect (Factory Default):** 1 kHz, 8 kHz, 33 kHz, 262 kHz

**Direct Connect (Menu Options):** 33kHz + 1kHz or 33kHz + 8kHz

**Induction:** 1 kHz, 8 kHz, 33 kHz

##### **Weight:**

2.4 lb. (1.1 Kg) w/batteries

##### **Power Source:**

6 Alkaline or rechargeable batteries.(C-Cells)

##### **Output Power:**

5 Watts Maximum

**Accuracy & Confidence:** RIDGID Transmitters deliver the power and performance you expect from RIDGID Locating Equipment. Combine your experience with the information provided by RIDGID Locating equipment and you have the tools that allow you to work through difficult traces with confidence.

**The Choice Is Clear:**

- Choose the ST-305 for power and portability
- Choose the ST-510 for added power in direct connect mode
- Choose the ST-33Q for its unsurpassed induction capabilities as well as its versatility in direct connect mode



	ST-305	RIDGID ST-510	ST-33Q+
Direct Connect Frequencies	4	5+	All
Inductive Frequencies	3	4	2
Simultaneous Transmit 2 Line Frequencies	Y	N	N
Automatic Impedance Matching	Y	Y	Y
Digital Output Level Display	N	Y	Y
Max Power Output	5W	10W	10W
Battery Level Indication	At Start Up	Continuous	Continuous
Weight	2.4 kg	8.0 kg	11.1 kg

**Ordering Information**

Catalog No.	Description	Shipping Weight
49338	ST-33Q+ 10 Watt Transmitter	11.1 lbs./5.0 kg
21903	ST-510 10 Watt Transmitter	8.0 lbs./3.4 kg
21898	ST-305 5 Watt Transmitter	2.4 lbs./1.1 kg
20973	Inductive Signal Clamp	2.0 lbs / 0.9 kg



**Inductive Signal Clamp:**  
Compatible with all RIDGID transmitters

For the complete selection of the Ridge Tool product line, please refer to the Ridge Tool Catalog or RIDGID.com.