


## RECEIVER INTERFACE

To turn unit on: Short press on/off button 

To turn unit off: Short press on/off button 

To change frequencies: Short press the frequency/mode key 

To change modes (peak, null, auto, etc.): Long press (3 sec) the frequency/mode key 

To adjust gain up or down: Press applicable gain button 

To enter Program Mode: Long press on/off button (3 sec) 

To exit Program Mode: Short press on/off button 



## LINE LOCATE MODES

### Peak



Highest signal strength directly over conductor with gradual decline side to side. Receiver must be oriented perpendicular to conductor.

### Pinpoint Peak



Highest signal strength directly over conductor with sharp decline side to side. Receiver must be oriented perpendicular to conductor.

### Null



Lowest signal strength directly over conductor with sharp increase side to side. Receiver orientation not required.

### Auto Left/Right Guidance



Broken tone to left side of conductor with solid tone to right side of conductor. Receiver must be oriented perpendicular to conductor.

## SONDE LOCATE MODE



### Sonde

Highest signal strength directly over sonde with gradual decline side to side and front to back. Receiver must be oriented parallel with sonde.

## TRANSMITTER INTERFACE

To turn unit on: Short press on/off/power-output button 

To turn unit off: Long press on/off/power-output button (3 sec) 

To engage transmitter from “OFF” idle: Short press frequency button  or short press on/off/power-output 

To change frequencies: Short press frequency button 

To change output power: Short press on/off/power-output button 



## SIGNAL APPLICATION METHOD

### Direct Connect Method



Engaged when red/black cords are plugged into output jack.  
Available frequencies for use: All frequencies.

### Coupler Induction Method



Engaged when inductive coupler is plugged into output jack.  
Available frequencies for use: 8kHz and higher.

### Transmitter Induction Method



Engaged when nothing is plugged into output jack.  
Available frequencies for use: 33kHz and higher.

## FREQUENCY SELECTION

Use the lowest frequency that effectively completes the locate.

Lower frequencies are less likely than higher frequencies to jump on adjacent non-target conductors, but lower frequencies don't conduct well on higher resistant conductors.

High frequencies transmit better on higher resistant conductors, but they are more prone to interference.