

The Wireless Geophone has a two channel operation at ranges up to 75 feet. It is housed in a water-tight case for use in any type of weather condition. This geophone has exceptional sensitivity, low noise, and signal clarity allowing it to detect acoustics approaching and departing. The geophone transmitter uses 4 C-Cell batteries giving it greater than 150 hours of battery life. The wireless unit is light weight and easy to use. The kit comes with a wireless receiver that gets placed on the vehicle dash. Earphones can be plugged into the geophone receiver or the device can be plugged directly into the vehicles auxiliary input. The receiver can be used with a wired or wireless geophone at the same time. As an option, the receiver black antenna unit can be turned off and the unit can be used as a wired geophone by plugging the wired geophone cable into the jack labeled "GEO IN" on the main receiver case.



FEATURES

- Full wireless tracking
- 75 feet operating range
- Exceptional sensitivity and signal clarity
- Detects acoustics approaching and departing
- Light weight, 5 lbs.
- Waterproof hard impact pelican case (13 x 11 x 6.8 inches)
- High quality headphones
- Built-in VHF FM Transmitter & Receiver to allow for wireless connection



INTELLIGENT PIPELINE CLEANING
CORROSION CONTROL • DEWATERING • PIT CLEANING

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OPERATING INSTRUCTIONS

NOTE: The frequencies are normally set to F1 which is switchable on both the transmitter and receiver. If F1 appears to have extra noise or interference, switch the sets over to F2.

Installing the wireless geophone transmitter:

- Place the geophone above the pipeline & within 75 feet (23m) of the vehicle
- Using the screwdriver or pin, make a small hole in the ground & push the geophone spike into the ground. If the ground is frozen, the spike can be unscrewed & unit is placed directly in contact with surface
- Install 4 C-Cell batteries in the wireless geophone transmitter
- Press & hold the power switch until the power light comes on (5 seconds)
- If using two wireless geophones together, place the heads at least 10 feet apart to prevent interference
- A flashing "power" indicating light on the wireless geophone transmitter indicates if the batteries are low & need replacing



Turning on the wireless geophone receiver:

- Install 4 C-Cell batteries in the wireless geophone receiver
- A "Low Batt" light will indicate on the receiver if the batteries are low & need replacing. The unit can still operate for several hours after the "Low Batt" light first comes on
- Turn on the main receiver "Power/Volume" switch
- Turn on the receiver black antenna box & select the frequency by moving the "On/F1/F2" switch to F1
- Check to ensure both the transmitter & receiver are set to the same frequency (F1 or F2)
- Place the receiver on the dash & extend the antenna
- The red light on black receiver should turn to green indicating the signal is locked on to the transmitter
- If the light flickers, move the receiver on the dash or move the antenna until the light is solid
- If the geophone is greater than 75 ft. away, relocate the vehicle within 75 ft.
- Ensure receiver is on the dash not in the seat
- The bar display on the RX-101 can be used to show acoustic levels, connect a cable from audio output on the VHF receiver to the Geo input jack on the RX-101
- Plug earphones or the cable into the AUX input of the vehicle



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