

## 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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