



## TRX – 64S RECEIVER UNIQUE INFORMATION

### Data:

- 64-channel receiver with sensitive signal meter, built-in attenuator and back-light for night use.
- Uses rechargeable nicad batteries or external DC power cord.
- Frequency coverage- 4 x 16 channel bands from 216. MHz to 223. MHx..  
Sensitivity - -150 dBm minimum discernible signal.
- Selectivity- plus or minus 2 KHz @ dBm down.
- Stability- plus or minus 1 KHz from -20 to +120 degrees F.
- Weighs 2 pounds, 6.25” long x 4.15” wide x 2.75” high. Comes with nylon padded carrying case, (optional leather case available.)

**Operation:** Please see the “Operation & Tips For Your Radio Recovery Equipment” sheet for general operating instructions.

### Unique Instructions:

1. Start the **transmitter’s** signal by removing the magnet, or by inserting the batteries.
2. Turn on the **receiver’s** power by pushing the toggle switch of INT.-EXT up to the INT position if you use the rechargeable batteries.
  - If using power from a vehicle, insert the cigarette lighter plug-in’s connector into the receiver’s D.C. EXT. PWR. Jack, then insert the other end into vehicles cigarette lighter holder, push toggle switch down to EXT (for external,) power.
3. Adjust GAIN control until a low hissing noise is heard.
4. Determine the frequency range, band and channel where the transmitter wearer’s signal is to be tracked. Note the frequency number (for example, 217.015) on the transmitter collar’s silver tag; this indicates that your receiver, transmitter collars and antenna will work together on the 217 range. On the chart taped above or below the receiver face, look up the band and channel where this transmitter will broadcast. If the transmitter collar’s frequency reads 217.015, turn the selector knobs so that you tune the collar to **band A and channel 2**, or **A-2** for short. This transmitter collar may be thought of as you’re A-2 collar form now on.
5. To refine the signal strength and get the clearest tone, rotate the TUNE control from left to right, from 0 to 0. Collar frequency numbers ending in 5 wil come in best at center channel or 0; collar numbers ending in 3 will come in best near -5; collars ending in 8 will come in best near +5. to fine tune for best range, play with the TUNE control until you locate the place on the dial where each collar performs best.
6. Adjust GAIN control. At first turn up the volume to bring in the transmitter signal. After you hear the signal, turn GAIN as low as possible. When your directional antenna is pointed at the transmitter wearer, your GAIN is low and you can still hear the signal, and the meter needle stays below 6 on the meter, you will get the best signal direction.



7. Remember to keep the volume as low as possible. High volume drains the battery, causes distortion and makes pinpointing more difficult.
8. If using the **ATTEN ON** toggle switch to counter “swamping,” be sure to turn off the attenuator after the transmitter collar moves back to a greater distance. Otherwise, you may receive no signal at all.

### **Long-Term use:**

- To conserve battery power, turn the receiver off by pushing the toggle switch to central POWER OFF position after taking a reading.
- The rechargeable TRX-64S has been shipped at full charge, which lasts for about 6 hours of tracking. To charge, turn the power switch to OFF. Insert recharger plug into the recharge jack at the upper-back of the receiver. A fully discharged receiver should be charged at least 16 hours but no more than 24 hours.
- After the receiver is fully charged, users should recharge 4 hours for each hour of operation, up to 24 hours.
- Vary recharge times to avoid a “memory buildup.” If you recharge 4 hours each time, the battery will gradually become good for only 4 hours of life. Avoid a recharge pattern to the most out of your battery. For instance, if you charge for 4 hours one time, use your unit until a charge of 8 or 12 etc. hours is required next.
- During long storage periods, stimulate the rechargeable battery by turning on receiver every 3-4 month. Run for 3-4 hours, then recharge for 12 to 16 hours.

### **Trial and Warranty:**

- All equipment comes with a 15-day trial period. If you wish to return an item, please contact us and ship back in like-new condition.
- The TRX-64S is NOT waterproof. In rain, snow, fog, etc., please cover the receiver, place inside a plastic bag or use it only inside a vehicle. Water inside the receiver will void the warranty.
- There is a FIVE-YEAR WARRANTY on Parts & Labor on ELECTRONICS.
- When returning for repair, please ship insured.
- Describe the malfunction in detail so that technicians can quickly address the problem. This will save you time and keep our repair costs low.
- Contact us for more details.

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