



## TRX – 48S RECEIVER UNIQUE INFORMATION

### Data:

- This 48-channel receiver will monitor up to 48 transmitter wearers.
- This is lightweight at only one pound. It can be permanently mounted on a 3-element directional antenna. Comes with a choice of case for shoulder or belt wear.
- The receiver comes with rechargeable disposable batteries, OR rechargeable nicad batteries and case. If you choose rechargeable batteries, a recharger and a DC power cord for operation from a vehicle are included.
- The receiver's **noise blanking circuit** is one of its most important features. This circuit will cut unwanted sound and provide better signal reception.
- The TRX-48S is NOT waterproof. In rain, snow, fog, etc., please cover the receiver, or use it only inside a vehicle. Water inside the receiver will void the warranty.
- If a receiver is opened, except to change disposable batteries the warranty will be voided. An opened receiver may need recalibration and returning.

**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. Turn on the **receiver's** power switch (PWR,) located at left center of the face.
2. To select the band and channel on which this transmitter broadcasts, look at the chart inside the receiver case. Use the switch marked BAND to choose band A, B or C. Then use the switch marked CH to choose channels 1 – 16. For best reception, we have programmed your transmitter's unique frequency number close to the center of the channel. Use the TUNE knob at the right to bring in the signal that is best for your ear.
3. The beeping signal you hear will match the lights on the LED bar located at top center of the **receiver** face. The LED bar shows you the signal strength. As the flashing red lights move further right, you are getting closer to the transmitter wearer. **HOWEVER**, to be effective, the lights do not need to bounce to the far right. If you keep the gain/volume control low, the light bar will only move right a few steps.
4. Remember to keep the volume as low as possible. High volume drains the battery, causes distortion and make pinpointing more difficult.
5. To connect your **antenna cable** to the antenna jack on the back of your receiver, push the connector in and clockwise to the right.
6. If using the **attenuator** switch at the back of the **receiver** 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 after taking a reading.
- To change the disposable batteries, loosen 4 thumb screws at the back of the receiver to open the lid. Lift lid and replace batteries. Be sure to match the positive and negative polarity marks on the tray. Replace lid and tighten thumb screws.
- During long-term storage, remove batteries to avoid rusting and corrosion. Failure to do so could void warranty.
- The rechargeable TRX-48S has been shipped at full charge which lasts for about 6 hours of tracking. To charge, turn power switch off. Insert recharger plug into the recharge jack at the back of the upper left side. 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.
- To operate a rechargeable receiver off a vehicle battery, insert the DC Power Cord’s plug into the jack (the same as used for recharger,) at back left side of receiver. Plug the other end into the vehicle’s cigarette lighter holder.
- 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.
- 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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