



## Instructions TRX-3S RECEIVER

This 3-channel receiver, the newest model in our TRX family of modern receivers, will monitor up to 3 transmitter wearers.

Because the receiver is a lightweight 14 ounces, it can be mounted on a three-element directional yagi antenna. The receiver comes with **rechargeable nicad batteries**, recharger, and DC power cord for operation from vehicle battery, **OR** with **disposable AAA batteries** that last 14-15 hours.

Please use your receiver to practice locating a transmitter collar **before** attaching the transmitter collar to a dog.

Like all receivers, the TRX-3S is **not waterproofed**, nor is it guaranteed waterproof. In rain, snow, fog, etc., please **cover the receiver, or use it inside a vehicle.**

If a receiver is opened, warranty will be voided. Additionally, recalibration and retuning may be needed.

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### DIRECTIONS FOR USE:

1. Start the transmitter's signal, either by removing a magnet or by inserting batteries. Turn on the receiver's power switch (PWR), located at center of face.
2. Select the channel on which this transmitter broadcasts. Use the switch marked CH to choose channels A, B or C. To determine which transmitter comes in on each channel, **look at the chart taped to your receiver**. Each channel will be listed, along with its frequency range.

For best reception, we have programmed your transmitter's unique frequency number close to the center of the channel. Use the TUNE knob at right to bring in the signal that is best for your ear.

3. You will hear a beeping signal coming from the transmitter. The signal will match the lights on the LED bar located at top center of the receiver face. The LED bar (light emitting diode) is a tracking aid that shows the signal strength. As the flashing red lights move further right, you are getting closer to the transmitter wearer. To be effective, the lights **do not need to bounce to the far right**. If you keep the Gain/volume Knob (at left) low, the light bar will move right only a few steps.
4. Use the Gain Knob on the left of receiver face to regulate the volume. Experienced users keep the volume as **low** as possible while still being able to hear the transmitter signal. **High volume drains the battery more, causes distortion of the signal, and makes pinpointing the signal difficult**.
5. Use your antenna after the transmitter wearer has moved out several yards or more. Attach the antenna cable's BNC connector to the antenna jack at the **back** of the receiver. Push the BNC connector **in** and **to the right**. The antenna magnifies the transmitter signal and pinpoints the transmitter wearer's location.
6. If background noise can be heard, use an earphone plugged into the PHONE jack on the receiver face. Important: the proper sized plug should be used. Foreign-made phones for Walkman radio & tape players do not work well. Wildlife Materials supplies phones for this purpose.
7. If the signal swamps your receiver, coming in equally from all directions, the transmitter wearer is close. Turn ON the ATTENUATOR switch at the **back** of the receiver. The attenuator circuit shortens/weakens the signal range and brings the signal in strongly from one direction, where the transmitter wearer is located. **After the transmitter wearer moves back out to a greater distance, be sure to turn off the attenuator**. Otherwise, you may not get a signal at all.
8. Conserve battery power: turn on to take reading, then turn off.
9. **Change disposable batteries** by unscrewing 4 black knobs at back to open lid. Unplug Molex connector. Remove tray and replace batteries; be sure to match polarity marks at bottom of tray: **Positive to Positive (+) and Negative to Negative (-)**. Insert tray, replug Molex connector ends, replace lid and tighten black knobs. During **long-term** storage,

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remove disposable batteries to **avoid rusting and corrosion**. Failure to do so could void warranty if batteries leak. Store batteries in **separate** containers in refrigerator.

10. The rechargeable TRX-3S has been shipped with a **full charge**, which **lasts 6 hours** of tracking. **To charge, turn power switch OFF first**. Insert recharger plug into the recharge jack at 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**.
  11. **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** life. Avoid a recharging pattern to get the most out of a battery. For instance, if you charge for 4 hours one time, use your unit until a charge of 8 or 12 or 16 etc. hours is required next.
  12. 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.
  13. During long storage periods, stimulate the rechargeable battery by turning on receiver every 3-4 months. Run for 3-4 hours, then recharge for 12 to 16 hours.
- 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.
  - **WARRANTY: FIVE YEARS** on **Parts & Labor in ELECTRONICS**.
  - **When returning for repair**, please ship insured. Include name, address (and daytime phone number if you request a repair estimate). Describe malfunctioning in detail so that technicians can go quickly to the problem, saving time and repair costs.

**Bluesky Telemetry shall not be liable for any loss or damage resulting directly or indirectly, or as a consequence of or incidental to, the use or loss of any Bluesky Telemetry product including, without limitation, the original purchaser's expenses associated with downtime, interrupted or lost data, or damages to persons, animals or property.**

## 34 YEARS MANUFACTURING EXPERIENCE

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