

# Wildlife Materials International, Inc.

## NEW LITE TRANSMITTER #3850 on Mounting Plate FOR ATTACHMENT TO REMOTE TRAINER COLLAR

The **4.4 ounce** Changeable-Battery Transmitter Collar #3850 can be mounted on any remote trainer. It comes with no collar, but with an injection molded case.

Each battery will last **30** days of continuous tracking or for months when used a few hours daily two or three times a week. Its 3.6 volt lithium battery can be purchased from WMI or Radio Shack. When you insert your last battery, contact us for a fresh one.

**NOTE: This equipment is designed to help you locate dogs after the hunt. As you know, any electrical equipment, especially if battery-powered, may stop working. Theft, accidents, and Acts of God also occur. Wildlife Materials, Int. cannot assume responsibility for dogs that are lost or injured while being monitored.**

### DIRECTIONS:

1. Insert a battery in transmitter. Note the **negative (-)** engraving on battery holder cap. Drop the battery into the cylinder, placing the **negative end near the cap. Remove the startup magnet from under** the transmitter by pulling the magnet tab.
2. **To attach to remote trainer collar**, remove machine screws from back of transmitter mounting plate. Fit transmitter to remote collar so its antenna points **up** on side **opposite** the remote's antenna. SEE DRAWING. Punch 2 holes for screws on remote collar. Position transmitter and tighten down screws inside collar. Use the included cable tie to hold our antenna to side of neck: punch 2 small holes higher up on collar. Fit and tighten cable tie, then trim excess.
3. Just before buckling the collar on your dog's neck, **tighten the antenna** at its base. To tighten, turn antenna **RIGHT** in the brass holder. If the antenna works loose, use a moderate Lock Tight spray to secure it. Also **tighten screws that hold transmitter to collar**.
4. Turn on your receiver. Dial in the last 3 digits of the collar's frequency number. Some receivers require that you choose a band and/or channel. Use receiver's Tune Knob to bring in a clear signal.
5. Practice finding the transmitter collar **before** putting it on an animal. Begin by placing the activated transmitter collar 2 feet above ground level about 200 yards way so you can pick up the beeping signal. Then ask someone to hide the transmitter a short distance away so you can locate the collar. Gradually increase the distance to get experience.
6. The handheld antenna magnifies your transmitter's signal. However, the antenna should be plugged into your receiver **after** you are positioned at least a room's length away from the transmitter collar.
7. The best way to track a transmitter signal is called the NULL-to-NULL method. With transmitter collar hidden and antenna plugged to receiver, hold your antenna high with its main boom parallel to the ground. Rotate your antenna in a full circle--360 degrees. A peak signal will be received over 20 to 30 degrees of a circle. Swing the antenna back and forth to see where the signal stops or a NULL (no sound) occurs. You will quickly find both nulls on either side of a peak signal. **Divide the space between the nulls in half -- this is the location of your transmitter.** As you move toward the transmitter, take another 'reading' to verify the correctness of your tracking, as



your dog could veer off to another direction. You may need to 'play' with the antenna so that its elements move from vertical to horizontal position. For best reception, your antenna elements should **parallel** the transmitter collar's antenna. The animal may be resting, or injured, or trapped beneath ground, which would affect the position of the collar antenna.

8. If signal bounce occurs in rugged terrain, go to a **high altitude** such as a ridge. Turn the receiver gain **down** and take several readings from **different** positions. The point where 2 or more signals **cross** is where the transmitter is located. This locating method is called TRIANGULATION.
9. To stop the transmitter signal, place the magnet **over the red mark** on transmitter top. **Check with your receiver to make sure the beeping signal has stopped.** To stop the signal, you may need to move the magnet slightly up or down or sideways. **During storage, the magnet must not get bumped off the red mark.** You can also stop the transmitter signal by **removing the battery.**

Store each battery in separate container in refrigerator for freshness. **If 2 batteries touch each other or metal, power may drain.**

If the transmitter antenna breaks, you can replace it (purchase from WMI). To change, unscrew base of the antenna from its brass holder. Turn LEFT to loosen. Insert new antenna's base into the brass holder. Turn RIGHT to tighten down. Then thread new antenna through collar's cable tie on collar. The tie secures the antenna in brush.

ELECTRONICS are guaranteed for **FIVE years, as of 1/1/97.**

Equipment may be returned for refund, if in like-new condition and not worn by dog, within a **15 day trial period.**

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**34 Years Manufacturing Experience**