



**Installation Manual for bracelet
TRXL-830**

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Introduction

Welcome to the Electronic Monitoring System and correctional tool, created by ElmoTech Ltd. that has the ability to collect, analyze and intelligently act on information from multiple sources.

An inconspicuous transmitting Tag (TRXL-830) is attached to the client's ankle or wrist by means of a tamper-detecting strap. The client's presence (or absence) is tracked constantly by radio transmissions between the Tag and the Receiver Unit. When the client enters or leaves the defined home environment, the Receiver Unit records the event. The Receiver Unit then checks the client's stored curfew schedule to determine if the event is in violation of his or her curfew order.

The Receiver Unit reports certain violations to the Monitor Center as soon as they occur. All violation, non-violation events that are not defined as immediate are stored in the Receiver Unit for the next upload. The Receiver Unit initiates a pre-defined routine sanity call to the Monitor Center in order to report the status of the equipment and upload stored events. This event information completes the audit trail of the client's behavior.

The Receiver Unit detects and reports tilting, loss of power, loss of telephone line, low battery, and other alarm conditions. The Receiver Unit also detects transmitter tag tampering, tag removal and low battery.

1. Installing the Transmitter

Once the Receiver Unit has been connected and is working correctly, you can calibrate and install the transmitting Tag (TRXL-830). Check that you have the following equipment items before you install the transmitter:

- Transmitting Tag (TRXL-830)
- Strap clips (male and female)
- Strap holder
- Electronic key
- Locking tool
- Screwdriver (to open the clips if necessary). It is recommended to use a 5mm flat head screwdriver

1.1 Activating the Transmitting Tag (TRXL-830)

Before the transmitter can be attached to the Offender, you must first activate and calibrate the transmitter.

1. Hold the transmitter in your hand with the metal pins (along the strap) pointing towards you. You will need to support the underside of the strap.
2. Hold the electronic key in your other hand, with the 'OFF' button pointing towards the open or free end of the strap. The 'OFF' button must be facing away from the transmitter body.
3. Press the electronic key down over the metal pins with the two touch points on top of the electronic key matching the metal pins on the transmitter strap.

4. Hold the electronic key and the transmitter strap in this position while you perform the next step.
5. Press the ‘ON’ on the electronic key for one second; the red LED light on the electronic key turns steadily on for two seconds. If the transmitter successfully received the activate/calibrate commands the red light on the electronic key will flash for two seconds.



Note that if the transmitter failed to receive the activate/calibrate command, the red light on the electronic key will turn off after the initial two seconds on. If the electronic key’s battery is low, the red light will immediately flash for two seconds once the ‘ON’ button is pressed.

6. Place the transmitter on its side, on a non-metal table and wait for about thirty seconds.

To deactivate the transmitter, simply follow the instructions from steps 1 to 6 above, but instead of pressing the ‘ON’ button on the electronic key to activate/calibrate the transmitter, press the ‘OFF’ button.

1.2 Attaching the Transmitter


In order to attach the Transmitter to the Offender, do the following:

1. Place a strap holder over the short strap (strap with pin side) of the Transmitter.
2. Attach the female Clip to the underside of the Transmitter’s short strap (to lie against the Offenders skin). Check that the closed end of the clip fits with the edge of the strap.




3. Wrap the transmitter around the Offender's wrist/ankle at its narrowest point ensuring that, with the ankle Transmitter the protruding side of the transmitter body is directed upwards.
4. Lay the long strap over the female clip ensuring that all pins on the short strap are protruding through the long strap.
5. Slide the strap holder over the end of the long strap in order to hold it in place.



 It is important to note that the transmitter must fit tightly around the Offender's wrist/ankle, but not squeezing. It is also permissible to wear a sock underneath the ankle transmitter. Try to mount the transmitter over the sock before it is fastened.

6. Cover the female clip with the male clip ensuring that the pins on the male clip fit correctly into the female clip (the grooves on the side of each clip must match).
7. Ask the Offender to stand up and move around to ensure that the Transmitter is comfortable.
8. Fasten the two clips using the specially designed locking tool. An audible clicking sound should be heard, indicating that the clips are closed properly.



 Note that once the transmitting tag has been activated and attached to the offender's wrist or ankle and the relevant offender is within the defined reception range of the Receiver Unit, the Receiver Unit locks onto and starts to monitor the transmitting tag

FCC Notices

The ankle transmitter TRXL-830 complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:

- 1) This device may not cause harmful interference and
- 2) This device must accept any interference received, including interference that may cause undesired operation.
- 3) Changes or modifications not expressly approved by Elmo Tech Ltd could void the user's authority to operate the equipment.