



# **Ankle Tag**

## **TRXL-720-2**



# **USER MANUAL**

**31 July 2006**

Table of Contents

1. Foreword.....2

2. Installing the Ankle Tag. ....3

3. General Rules for the Client .....6

4. Maintenance Instructions .....7

4.1. Cleaning the Ankle Tag .....7

4.2. Ankle Tag Straps Replacement.....8

5. FCC Notices.....10

# 1. Foreword

The Ankle Tag (TRXL-720-2) is a transmitter used in home arrest systems.

The Ankle Tag (LSQ-TRXL-720-2) is transmitting on an American FCC tested and approved frequency; whereas the European version (TRXL-720-2) is transmitting on a European tested and approved frequency. From a user interface and function point of view the two models are identical; therefore this user manual serves both versions.

## 2. Installing the Ankle Tag.

Hold the transmitter in your hand with the 4 metal pins (2 pairs, along the strap) pointing forward.

Hold the Electronic Key in your other hand, with the black button pointing toward the open or free end of the strap.

Press the Electronic Key down over one pair of metal pins (it does not matter which) with the two touch points on the Electronic Key matching the pair of metal pins on the Transmitter strap.

Hold the Electronic key in this position while you do the next step.

Press the red button on the Electronic Key down for one second; the red light turns steadily on for two (2) seconds.



If the transmitter successfully receives the reset command, the red light, on the Electronic Key, will flash for two (2) seconds.

**Note** that if the Tag has failed to receive the startup command the red light will turn off after the initial two (2) seconds ON.

*If the Electronic Key battery is low the red light will immediately flash for two (2) seconds, once the red button is pressed. (No command is sent to the transmitter).*

Place the Tag on its side, on a non-metal surface, for 30 seconds.

### **Attaching the Transmitter**

Place a strap holder over the short strap (strap with pin side) of the Transmitter.



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 and make sure the silver line is visible.



Wrap the Transmitter around the offender's ankle at its narrowest point ensuring that the protruding side of the Transmitter is directed upwards.

Cover the female clip with the long strap ensuring that all pins on the short strap are protruding.



Slide the strap holder over the end of the long strap in order to hold it in place.



Cover the female clip with the male clip ensuring that the four pins on the male clip fit correctly into the female clip (the grooves on the side of each clip must match).



Ask the Offender to stand up and move around to insure that the Tag is comfortable.

Fasten the two Clips with the locking tool. Be sure to fasten all the four pins well. An audible clicking sound should be heard, indicating that the Clips are closed properly.

*Don't install the Tag over a thick sock, since the Tag will get too loose once the sock is removed. If the Tag is installed without a sock, instruct the offender that he should not put on a very thick sock, and then try to pull it under the Tag. The Offender may wear a thin sock underneath and a thick sock over the Tag.*

### 3. General Rules for the Client

The Transmitter is a waterproof wristwatch and there is no need to remove it when taking a bath or a shower. You can even wear it when swimming and diving in a swimming pool or taking a sauna bath.

Turn the Transmitter's transmission off when admitting to a hospital, either for a visit or for hospitalization, since the transmitted signal may affect other medical instrumentation.

Turn the Transmitter's transmission off when boarding a flight, since the transmitted signal may affect the aircraft's avionics thus impairing flight safety.

Turning the Transmitter's transmission off should be done by an authorized personnel, as follows:

- Press the electronic key's **BLACK** button down for one second, the red light turns steadily ON for two (2) seconds.
- If the shut down command has been successfully received, the red light on the Electronic Key will flash for two (2) seconds.

**Note** that if the transmitter has failed to receive the shut down command the red light will turn off after the initial two (2) seconds ON.

*If the Electronic Key battery is low the red light will immediately flash for two (2) seconds, once the black button is pressed. (No command is sent to the transmitter).*

## **4. Maintenance Instructions**

### **4.1. Cleaning the Ankle Tag**

A soft brush and any cleaning solution are all that is needed to clean the Ankle Tag TRXL-720-2.

Alcohol based solutions; Soapy water or Lysol can be used to clean the Tag. For additional safety and user comfort it is Recommended that after cleaning with any of the above the Tag be washed with clear water before it is reused.

Holding it at the end of the long strap, spray the Tag with cleaning solution of choice (see above). Alternatively you can simply drop the Tag in the cleaning solution.

Using a piece of cloth or a paper towel, dry the outer side of the Tag. Lay the Tag on the towel with its inner side facing up. Using a soft brush or another piece of cloth/towel gently scrub the inner side of the Tag.

Wash the Tag in clear water. Dry the Tag using a piece of cloth/paper towel or simply let it dry.



## 4.2. Ankle Tag Straps Replacement

Possible reasons for a replacing a strap could be:

- Visible damage to one or both straps.
- Reception of strap tamper alarms, with no visual reason seen.
- Tag does not calibrate.

Turn the Tag off with the electronic key.

Using the supplied snake eye screwdriver, open the screw that holds the strap clasp and remove the strap clasp.

Gently shake the strap loose from the Tag body. Be careful not to damage the metal pins on the Tag body.

Position the new strap over the Tag body. Notice that the two small holes on the strap have to lie exactly over the two metal pins.

Gently place the strap down over the metal pins and press down along the seam of the strap, snugly fitting the entire strap to the Tag.

Put the strap clasp back in place (the wider side pointing inwards).

Close the screw with the screwdriver. It has to be closed firmly, but not too tight since this can damage the strap.

Activate the Tag with the electronic key, close the strap and test for “strap closed” message reception.

## 5. FCC Notices

Inside plastic body situated “Loaded” antenna, which connected to PCB by 1cm wire.

This note is applicable to the American Ankle Tag (LSQ-TRXL-720-2)

### **NOTE**

*The Ankle Tag TRXL-720-2 complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:*

*(1) This device may not cause harmful interference.*

*(2) This device must accept any interference received, including interference that may cause undesired operation.*

This device has been tested and found to comply with the limits of the Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses and can radiate radio frequency energy and, if installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one or more of the following measures

- Reorient or relocate the receiving antenna

- Increase the separation between the equipment and the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

***CAUTION***

*Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.*

**For Customer Support contact:**

**ElmoTech Ltd.**

**Corporate Headquarters**

**P.O. Box 13236,**

**2 Ha-Barzel St.,**

**Ramat Ha-Chayal,**

**61132 Tel Aviv**

**Israel**

**Tel: +972 3 6478871**

**Fax: +972 3 6478872**

**Visit us at: [www.elmotech.com](http://www.elmotech.com)**