



microtech DESIGNS EL00IG Wireless Vehicle Detection System Instruction Manual

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Specifications

- **Frequency:** 433.39 MHz
- **Security:** 128-bit AES encryption
- **Range:** up to 30 metres
- **Battery life:** up to 10 years
- **Battery type:** 14000 mAh battery

Wireless Vehicle Detection System

STEP 1:

Coding e-LOOP Pintoe-Trans 50

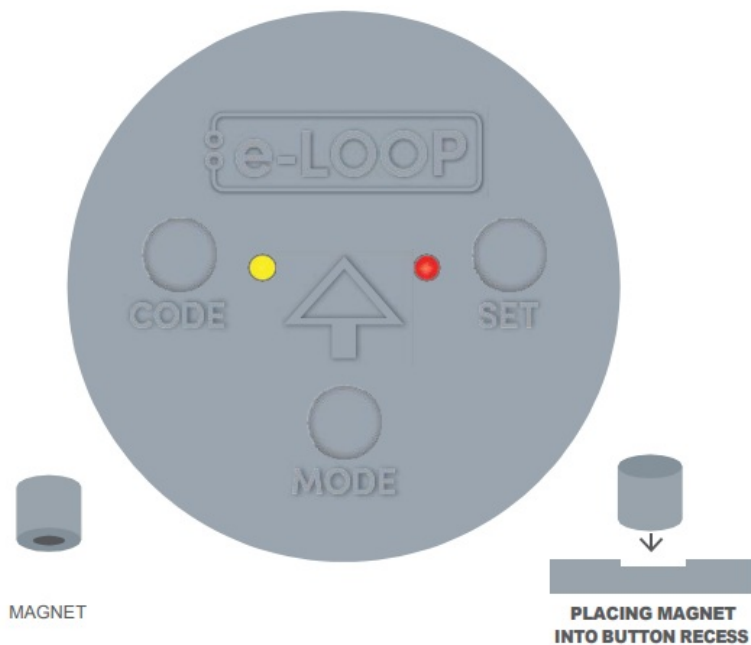
Short range coding with magnet

1. Power up the e-TRANS50, then press and release the CODE button. The blue LED on the e-TRANS50 will light up, now place the magnet on the CODE recess on the e-Loop, the yellow LED will flash, and the blue LED on the e-TRANS50 will flash 3 times. The systems are now paired, and you can remove the magnet

NOTE: For coding e-TRANS-200 LCD transceivers, refer to e-TRANS-200 manual

Long range coding with magnet

1. Power up the e-TRANS50, then place the magnet on the code recess of the e-Loop, the yellow code LED will flash once now remove magnet and the LED come on solid, now walk over to the e-TRANS 50 and press and release the CODE button, the yellow LED will flash and the blue LED on the e-Trans50 will flash 3 times, after 15 seconds the e-loop code LED will turn off



Changing mode using magnet (EL00IG-RAD only)

Note: e-loop comes preset in presence m

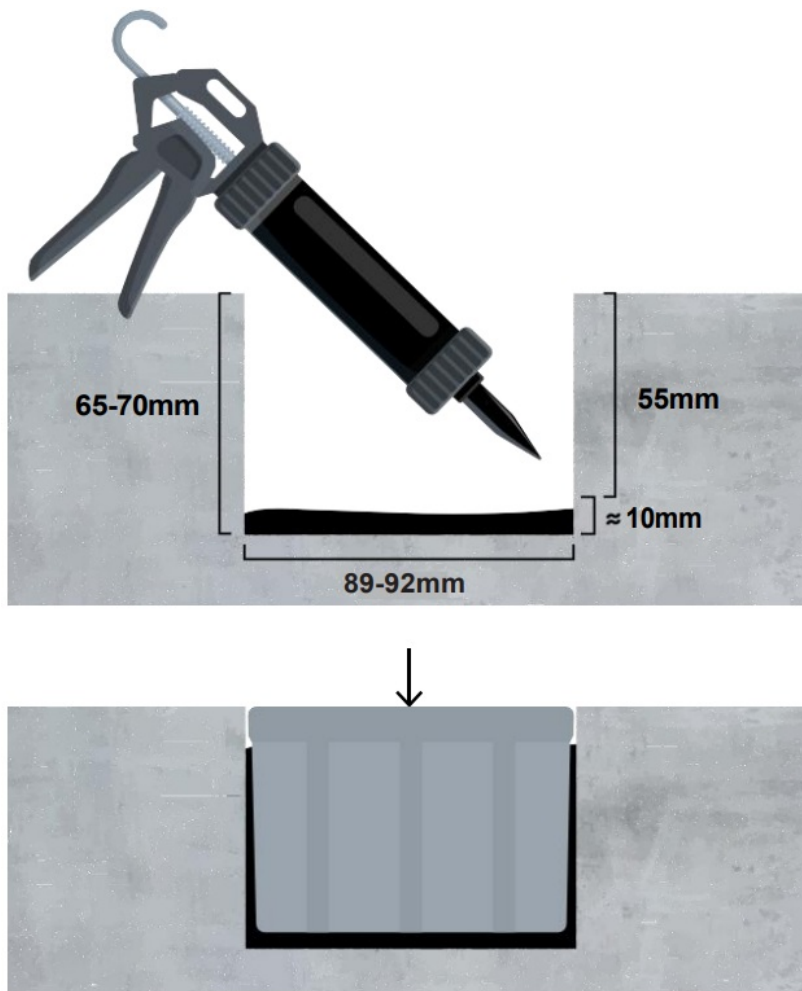
1. Place a magnet on the MODE recess until the yellow starts LED flashing indicating presence mode, to change to exit mode place the magnet on the SET recess, the red LED will start flashing, to change to parking mode place the magnet on the MODE recess, the Yellow LED will come on solid.
2. Wait 5 seconds until all LED's flash, we have now entered the confirmation menu, move to Step 3 or wait a further 5 seconds until all LED's flash 3 times to exit menu.
3. Confirmation mode. Once in the confirmation menu the red LED will be on solid meaning confirmation is not enabled, to enable place magnet on code recess, the yellow LED and red LED will be on, confirmation is now enabled, wait 5 seconds and both LED's will flash 3 times indicating menu has now been exited.

Fitting e-LOOP

(Referto diagram below)

1. Drill a 89-92mm hole, 65-70mm deep. Neurocoeles clean and dry before fitting. 2. Measure down before in sorting thee-LOOP to ensure it will fit flush with the drive way surface, then pour sikaflex or similar compound into the base of hole. 3. Insert the e-LOOP by pushing down until flush or slightly above the driveway surface. (Never push below the driveway surface)

NOTE: Ensure e-LOOP is fitted in a well drained area, as water over the e-LOOP can effect the radar detection system.



Calibrate e-LOOP

1. Move any metal objects away from the e-LOOP.
2. Place Magnetin to the SET button recess on the e-LOOP Untethered LED flash Estwick, then remove the magnet.
3. The e-LOOP will take about 5 seconds to calibrate and once complete, the red LED will flash 3 times.

ERROR2: No radio connection yellow and red LED flashes 3 times before red LED flashes 3 times

Uncalibrate e-LOOP

Uncalibrate e-LOOP 1. Place magnet into the SET button recess until red LED flashes 4 times. e-LOOP is now uncalibrated.

Changing mode You can change the mode by using the e-TRANS-200 LCD transceiver or diagnostic remote EDOOR- refer to manual.

NOTE: This menu cannot be accessed via the e-TRANS-50 Transceiver. The e-LOOP is set to EXIT mode (this can't be changed).

Parameters that can be altered:

1. Activation detection level
2. X. Y. Z axis sensitivity.

Parameters that can be altered on ELOOIG-RAD:

1. Mode is set to PRESENCE but can be changed to EXIT mode.

NOTE: do not use presence modes personal safety device.

2. Activation detection level
3. X, Y, Z axis sensitivity
4. Radar read time
5. Release trip point
6. Start lens detection range
7. Measure lens detection range
8. Radar trip sensitivity
9. Radar confirm ON/OFF

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a 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 equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment 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 try to correct the interference by one or more of the following measures:

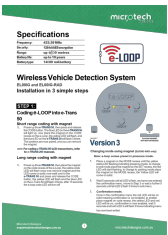
- Reorient or relocate the receiving antenna. -- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. This device complies with part 15 of the FCC Rules. Operation is subject to the following two 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.

Microtech Designs



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EL00IG Wireless Vehicle Detection System, EL00IG, Wireless Vehicle Detection System, Vehicle Detection System, Detection System

References

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