

Specifications

Frequency:	433.39 MHz
Security:	128-bit AES encryption
Range:	up to 30 metres
Battery life:	up to 10 years
Battery type:	14500 mA battery



Wireless Vehicle Detection System

EL00IG and EL00IG-RAD

Installation in 3 simple steps

STEP 1:

Coding e-LOOP into e-Trans

50

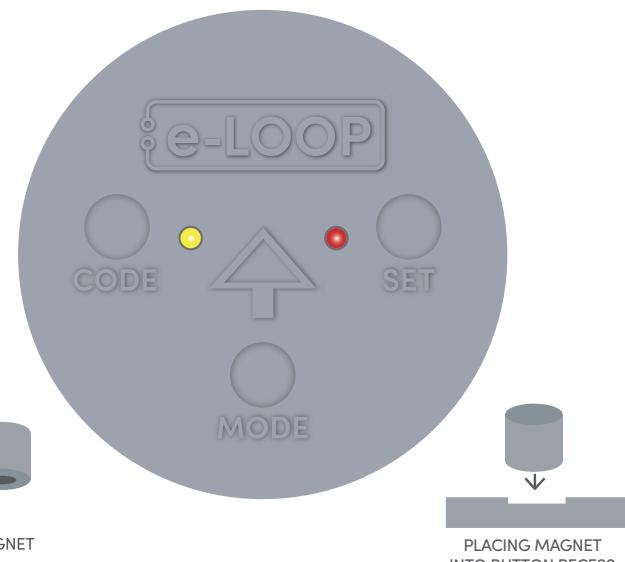
Short range coding with magnet

1. Power up the **e-TRANS 50**, then press and release the CODE button. The blue LED on the **e-TRANS 50** 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-TRANS 50** 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-TRANS 50**, 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-Trans 50 will flash 3 times, after 15 seconds the e-loop code LED will turn off



Version 3

Changing mode using magnet (EL00IG-RAD Only)

Note: e-loop comes preset in presence mode.

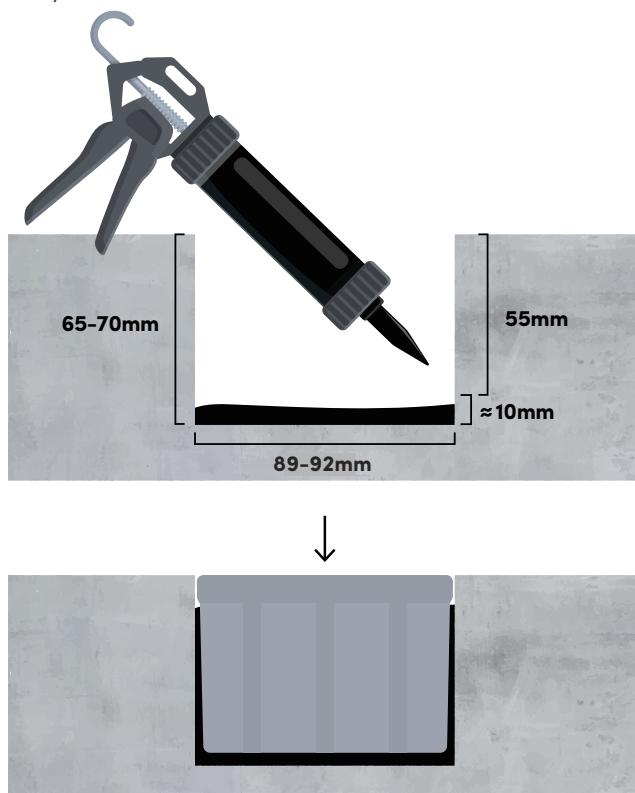
1. Place a magnet on the MODE recess until the yellow starts LED flashing indicating presence mode, to change to exit mode place the magnet on the SET recess, the red LED will start flashing, to change to parking mode place the magnet on the MODE recess, the Yellow LED will come on solid.
2. Wait 5 seconds 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.

STEP 2: Fitting e-LOOP

(Refer to diagram below)

1. Drill a 89-92mm hole, 65-70mm deep. Ensure hole is clean and dry before fitting.
2. Measure down before inserting the e-LOOP to ensure it will fit flush with the driveway 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.



STEP 3: Calibrate e-LOOP

1. Move any metal objects away from the e-LOOP.
2. Place magnet into the SET button recess on the e-LOOP until the red LED flashes twice, 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.

System is now ready.

NOTE: After calibration you may get an error indication.

ERROR 1: Low radio range – yellow LED flashes 3 times before red LED flashes 3 times.

ERROR 2: No radio connection – yellow and red LED flashes 3 times before red LED flashes 3 times.

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 **ED00R** – refer to manual.

NOTE: This menu cannot be accessed via the **e-TRANS-50** Transceiver.

The e-LOOP **EL00IG** 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 **EL00IG-RAD**:

- 1) Mode is set to PRESENCE but can be changed to EXIT mode. **NOTE:** do not use presence mode as a 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