



AESE EL00IG Wireless Vehicle Detection System Instructions

[Home](#) » [AESE](#) » AESE EL00IG Wireless Vehicle Detection System Instructions 



Wireless Vehicle Detection System
EL00IG and EL00IG-RAD
Installation in 3 simple steps



Contents

- [1 Specifications](#)
- [2 Coding e-LOOP into e-Trans](#)
[50](#)
- [3 Fitting e-LOOP](#)
- [4 Calibrate e-LOOP](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)
- [6 Related Posts](#)

Specifications

Frequency: 433.39 MHz.

Security: 128-bit AES encryption.

Range: up to 50 yards.

Battery life: up to 10 years.

Battery type: 14500 mA battery.

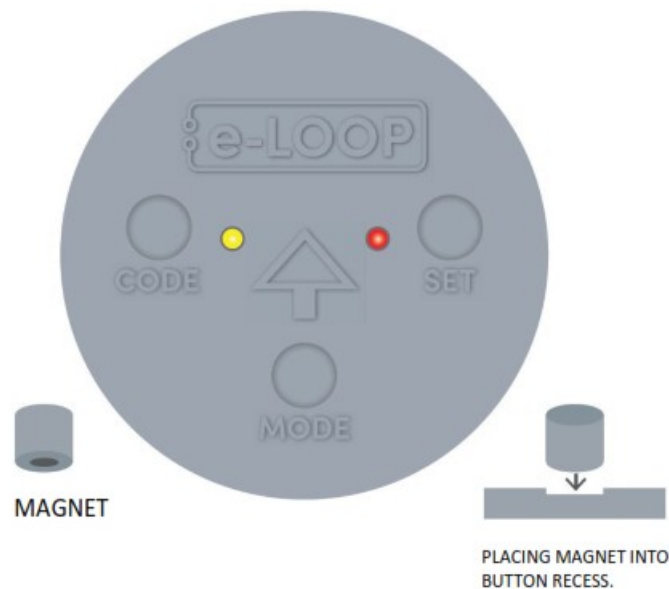
STEP 1:

Coding e-LOOP into e-Trans 50

Coding e-LOOP without magnet

1. Power up the e-TRANS-50 and hold the e-Loop within 10cm of the transceiver's antenna.
2. Now press and release the CODE button on the e-Trans 50. The yellow and red LEDs will flash on the e-Loop, and the blue LED on the e-TRANS-50 will flash 3 times. The systems are now paired.

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



Coding e-LOOP without 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.
2. Now place the magnet on the CODE recess on the eLoop – the yellow LED will flash 3 times, and the blue LED on the e-Trans 50 will flash 3 times. The systems are now paired and you can remove the magnet.

DISCLAIMER: UNITS WITH THE PRESENCE FEATURE IS NOT TO BE USED AS A SOLE SAFETY DEVICE & SHOULD BE USED IN CONJUNCTION WITH STANDARD GATE SAFETY PRACTICES.

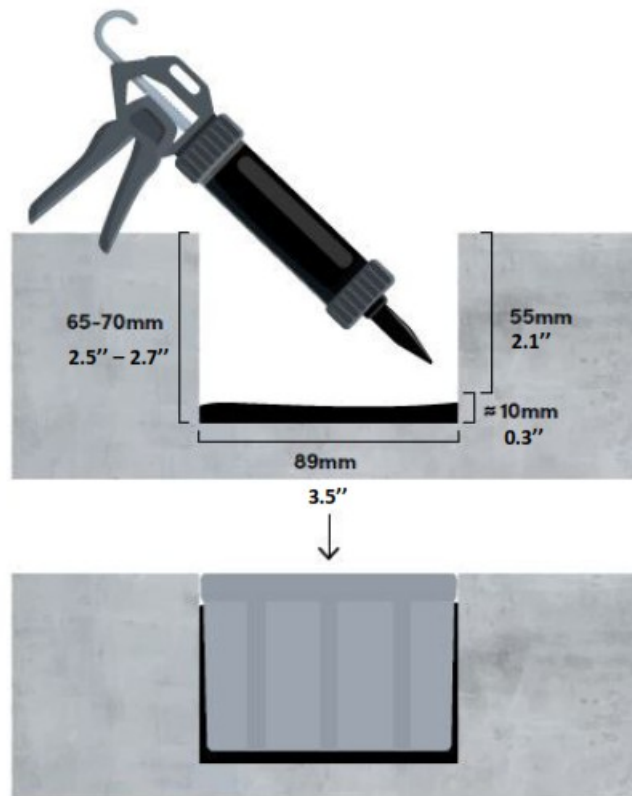
STEP 2:

Fitting e-LOOP

(Refer to diagram below)

1. Drill 3.5" hole 2.5" – 2.7" 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 with driveway surface.

NOTE: Never fit near high voltage cables, this can affect the e-LOOP's detection capability.



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 eLOOP 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.

The 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 EL00IGRAD:

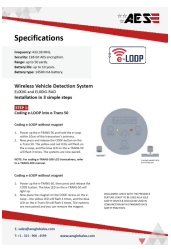
1. Mode is set to PRESENCE but can be changed to EXIT mode.
NOTE: do not use presence mode as a personal safety device.
2. Activation detection level
3. X, Y, Z axis sensitivity
4. Radar read time
5. Release trip point
6. Start lens detection range
7. Measure lens detection range
8. Radar trip sensitivity
9. Radar confirm ON/OFF

E. sales@aesglobalus.com

T: +1 – 321 – 900 – 4599

www.aesglobalus.com

Documents / Resources

	<p>AESE EL00IG Wireless Vehicle Detection System [pdf] Instructions EL00IG Wireless Vehicle Detection System, EL00IG, Wireless Vehicle Detection System, Vehicle Detection System</p>
---	---

References

- [AES Global LLC | Gate Intercoms | Florida](#)