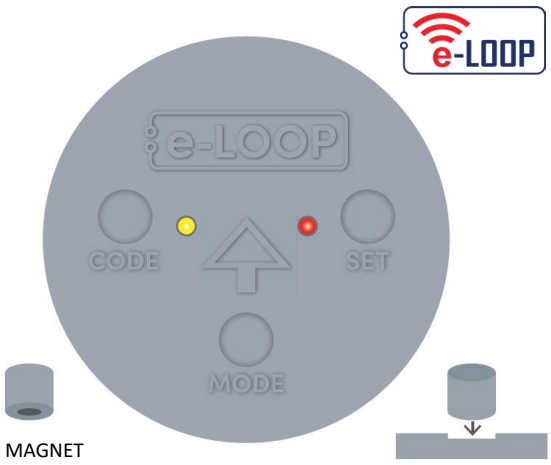
Specifications

Model E-LOOP: EL00IG & EL00IG-RAD

Frequency: 433.39 MHz.
Security: 128-bit AES encryption.
Range: up to 50 metres.
Battery life: up to 6-10 years.
Battery type: 14500 mA battery.
Transmitting power: <10mW.



MAGNET

PLACING MAGNET INTO BUTTON RECESS.

Wireless Vehicle Detection System
Installation in 3 simple steps

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 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.
2. Now place the magnet on the CODE recess on the e-Loop – 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.

Safety instructions

Before proceeding with the product's installation, check that all the materials are in good working order and suited to the intended applications.
Warning! – Exhausted batteries contain polluting substances; therefore they may not be disposed of together with unsorted household waste. They must be disposed of separately according to the regulations locally in force.

Installation Warnings



The e-LOOP should be installed in a location that is always visible. Do not place the e-LOOP in a dip or area where snow or water can sit. Keep e-LOOP central in the driveway so as it passes directly underneath the vehicles.

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.

Document updated: 30/08/23.

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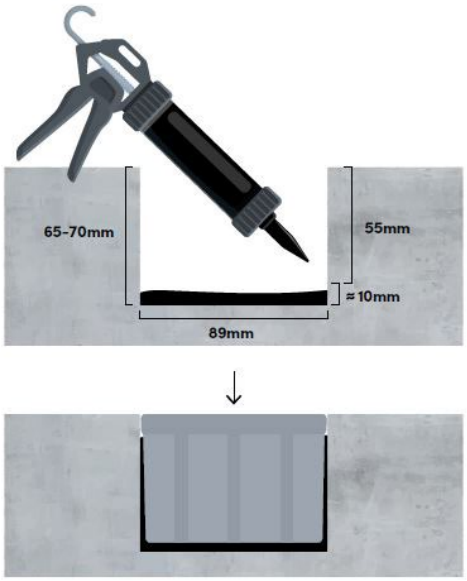
STEP 2:

Fitting e-LOOP

(Refer to diagram below)

1. Drill 3 ½ inch (89mm) 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 with driveway surface.

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



Disposal

The packaging must be disposed of in the local recyclable containers. According to the European Directive 2002/96/EC on waste electrical equipment, this device must be properly disposed of, after usage in order to ensure a recycling of the materials used. Old accumulators and batteries may not be disposed of in the household waste, since they contain pollutants and must be properly disposed of in municipal collection points or in the containers of the dealer provided. Country-specific regulations must be observed.

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.

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 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

Document updated: 22/08/23.

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Product Type: Wireless Vehicle Detection & Automation.

Hereby, AES GLOBAL LTD declares that the radio equipment type Inground e-LOOP is in compliance with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following internet address: www.aesglobalonline.com/e-loop#ce



