

Specifications

- Frequency:** 433.39 MHz.
- Security:** 128-bit AES encryption.
- Range:** up to 50 metres.
- Battery life:** up to 10 years.
- Battery type:** Lithium ion 3.6V 2600 mA x 4.
- Transmitting power:** <10mW.

e-LOOP Fitting Instructions

Step 1 – Coding e-LOOP

Coding e-LOOP without Magnet

- Power up the e-Trans 50 and hold the e-Loop within 10cm of the transceiver's antenna.
- 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.

(For coding e-Trans 200 LCD transceiver refer to e-Trans 200 manual.)

Coding e-LOOP with Magnet (Commercial systems only)

- 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 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.

Step 2 – Fitting e-LOOP

- Place e-LOOP device in the desired location and secure it into the ground using 2 concrete fixing bolts. Ensure the e-LOOP device is secured and can't be moved when touched.

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

Step 3 – Calibrate e-LOOP

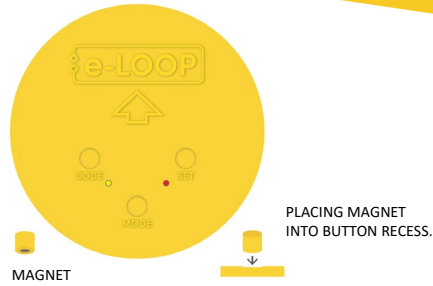
- Move any metal objects away from the e-LOOP.
- Place magnet into the SET button recess on the e-LOOP until red LED flashes twice, then remove the magnet.
- The e-LOOP will take about 5 seconds to calibrate and once complete, the red LED will flash 3 times.

NOTE: After calibration, you may get an error indication.

ERROR 1: Low radio range - Yellow LED flashes 3 times.

ERROR 2: No radio connection - Yellow and Red LED flashes 3 times.

The system is now ready.



Uncalibrate e-LOOP

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

Changing mode

The e-LOOP is set to pulse mode as standard setting. This can be changed to presence mode via the menu in the e-TRANS-200 LCD transceiver – refer to the manual.

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

Parameters that can be altered:

- Pulse / Presence mode. NOTE: do not use presence mode as a safety function.
- Wake-up time intervals for presence mode.
- Sensitivity detection level for Pulse mode.
- Sensitivity detection for presence mode by each axis: Above / Approach / Side.
- Radar detection distance.

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

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 that it passes directly underneath the vehicles. Bolt down e-LOOP on a flat surface, using only the supplied concrete screws or a rubberized adhesive. Do not drill screws in on an angle.



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Product Type: Wireless Vehicle Detection & Automation.

Hereby, AES GLOBAL LTD declares that the radio equipment type commercial 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



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