AES GLOBAL EL00IG Wireless Vehicle Detection System Instruction Manual

Contents

AES GLOBAL EL00IG Wireless Vehicle Detection System

Specifications

- Frequency: 433.39 MHz
- Security: 128-bit AES encryption
- Range: up to 50 metres
- Battery life: up to 10 years
- Battery type: 14500 mA battery

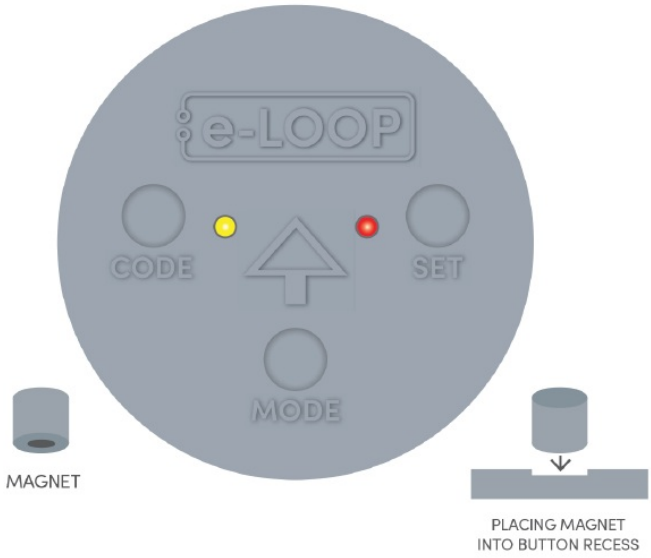
IP68
Wireless Vehicle Detection System
ELOOIG and ELOOIG-RAD

Installation in 3 simple steps

STEP 1:
Coding e-LOOP into e-Trans 50

Coding e-LOOPwithout 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 thee- 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.



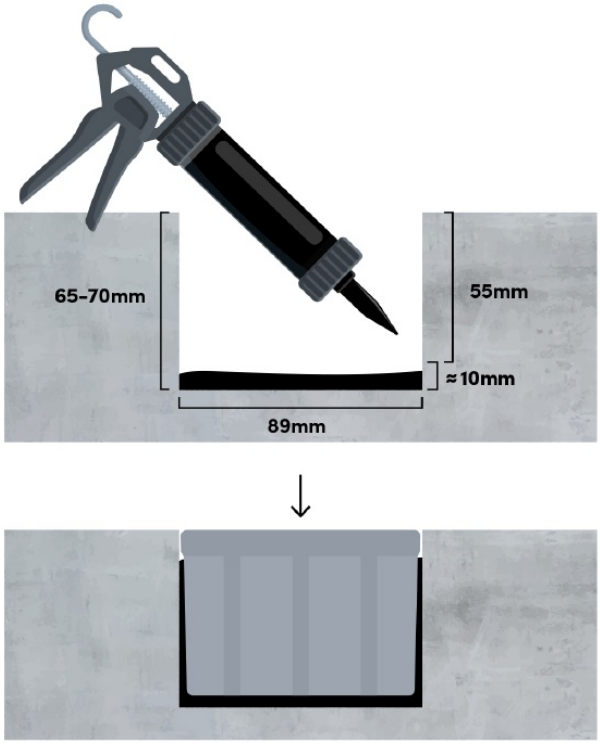
Coding e-LOOP with magnet

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.

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.



STEP 3: Calibrate e-LOOP

1. Move any metal objects away from the e-LOOP.
2. Place magnet into the SET button recess on thee-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 EDOOR – refer to manual.

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

sales@aesglobalonline.com
WWW.AESGLOBALONLINE.COM
+44 (0) 288 639 0 693

Documents / Resources

	AES GLOBAL EL00IG Wireless Vehicle Detection System [pdf] Instruction Manual EL00IG, Wireless Vehicle Detection System, EL00IG Wireless Vehicle Detection System, Vehicle Detection System, Detection System

References

- Region | AES Global Ltd | AES Gate Intercoms | United Kingdom