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

Inground e-LOOP Fitting Instructions

Step 1 – Coding e-LOOP into e-Trans 50

1. Press and hold button of desired channel on transceiver until red LED illuminates.

2. Place magnet into CODE button recess on the e-LOOP. The yellow LED on the e-LOOP will flash 3 times to indicate transmission, and the red LED will flash 3 times on transceiver to confirm coding sequence has completed.
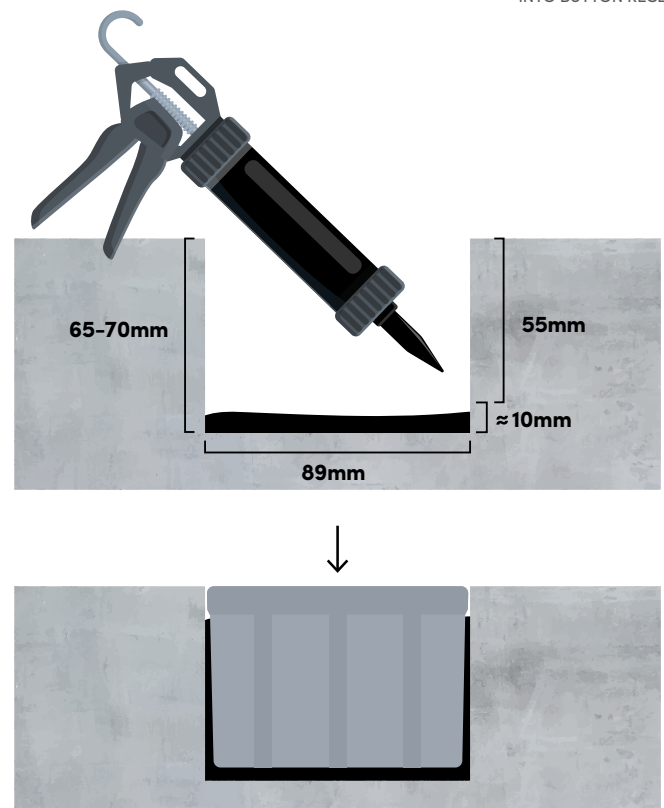
3. Remove the magnet.
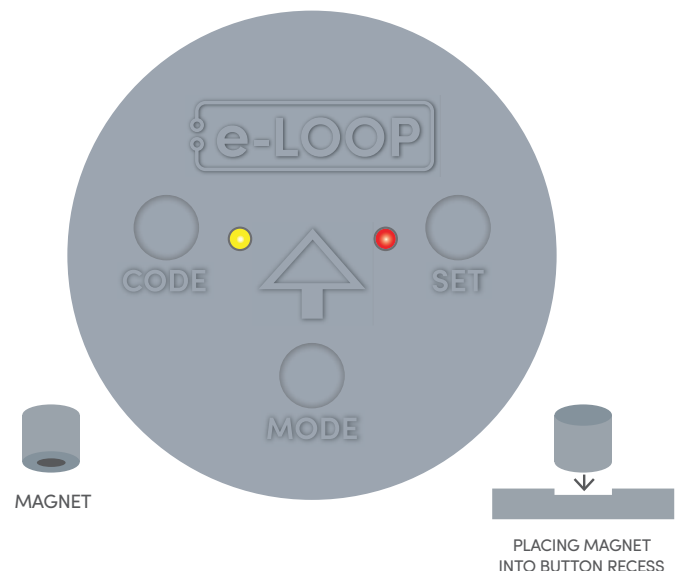
Step 2 – Fitting e-LOOP

(Refer to diagram)

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.

MAGNET

PLACING MAGNET INTO BUTTON RECESS


65-70mm

55mm

≈10mm

89mm

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 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.

NOTE: Do not stand next to the e-LOOP during calibration with steel capped boots.

System is now ready.
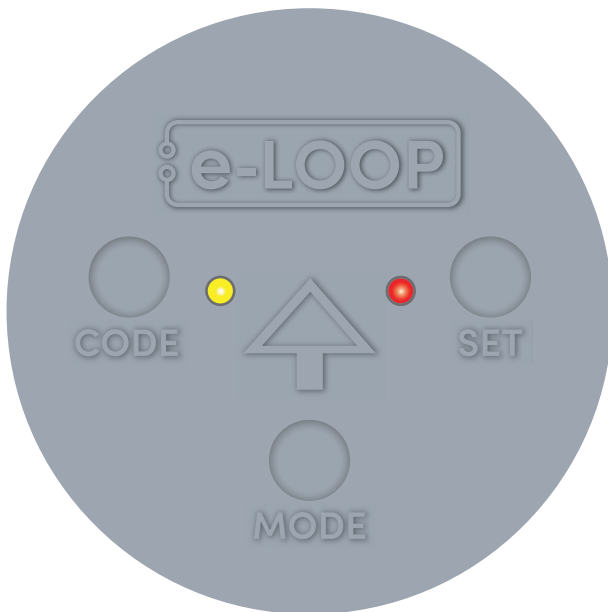
Uncalibrate e-LOOP

1. Place magnet into the SET button recess until 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 manual.

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

Parameters that can be altered:

1) Pulse / Presence mode. **NOTE:** do not use presence mode as a safety function.
2) Wake up time intervals for presence mode.
3) Sensitivity detection level for Pulse mode.
4) Sensitivity detection for presence mode by each axis: Above / Approach / Side.