

## 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.

### e-LOOP Fitting Instructions

#### Step 1 – Coding e-LOOP

##### 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.

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

##### Coding e-LOOP with Magnet (Commercial systems only)

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

1. 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

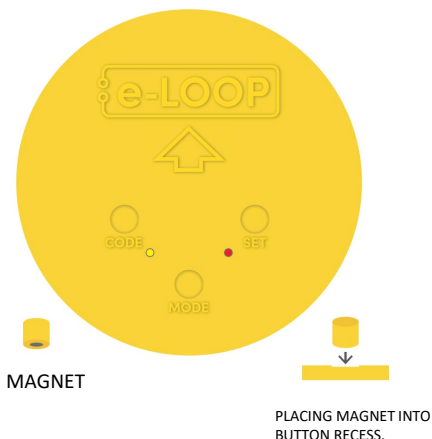
1. Move any metal objects away from the e-LOOP.
2. Place magnet into the SET button recess on the e-LOOP until red LED flashes twice, then remove the magnet.
3. The e-LOOP will take about 5 seconds to calibrate and once complete, the red LED will flash 3 times.

NOTE: 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

1. 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:

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.
5. Radar detection distance.

**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.**