Specifications

Frequency: 433.39 mHz.

Security: 128-bit AES encryption.

Range: Up to 3 Metres.

Radio range: Up to 50 metres.

Battery life: Up to 3 Years.

Battery type: 2 x AA Lithium Batteries 1.5v.

Mounting Style: Post Mounted 600mm Above Ground.

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.

e-LOOP Fitting Instructions

Step 1 - Coding e-LOOP

Coding e-LOOP with Magnet. – *this example for ET50 only for other Transceivers follow their manuals.*

1. Power up the e-Trans 50, then press and release the 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.

Option 2. Long-range coding with a magnet (up to 25 metres and recommended after fitting).

Place the magnet on the **CODE** recess of the e-Loop, the yellow code LED will flash once now remove magnet and the code LED will come on solid, now walk over to the e-Trans 50 and press and release the **CODE** button, the yellow LED will flash and the blue LED on the e- Trans 50 will flash 3 times, after 15 seconds the e-Loop code LED will turn off.IF LED remains on Tap magnet on code once to turn off yellow LED

Step 2 - Fitting e-LOOP

1. Drill 2 holes approx. 163mm apart into your desired mounting location. With the Top hole approx. 600mm above ground level.
2. Insert the appropriate fasteners through the top & bottom mounting holes into your mounting surface. Screw down for a firm fit.
3. Press the screw covers into the mounting holes.
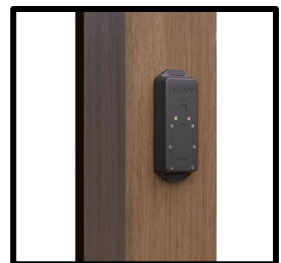
⚠️ **NOTE: Never fit near high-voltage cables, this can affect the e-LOOP's detection capability.**

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.
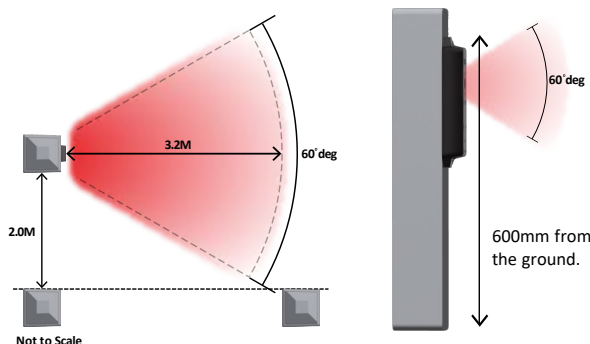
MAGNET

PLACING MAGNET INTO BUTTON RECESS

BATTERY

Step 3 - Calibrate e-LOOP.

Ensure Loop is fitted &Move any metal objects away from the e-LOOP. *CLEAR RADIOUS OF 3.5 METERS*

1. Place the magnet into the **SET** button recess on the e-LOOP until red.

2. 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. red and yellow lights alternately flashing indicating radar has detected something in the zone area, please move out of detection range and recalibrate, ensure nothing is within 3.5m of the sensor on the opposite side of the gate, keeping in mind the radar is operational at a 60 degree angle

3.2M   60˚deg

2.0M

60˚deg

600mm from the ground.

Not to Scale

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

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

Document updated: 15/05/2025

Uncalibrate the e-LOOP

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

Changing Mode

The e-LOOP is set to exit mode for the EL00PM as the default.

To change the mode from exit mode to presence or parking mode on the EL00PM e-LOOP, with the Magnet or **e-TRANS-200** or **e-diagnostics** remote via the menu options. NOTE *this is depending on kit on hand*

Changing Mode using a magnet

1. Place the magnet on the **CODE** recess until the yellow LED is illuminated.

2. Now place the magnet on the **SET** recess, the red LED will flash 1 time indicating **EXIT MODE**

3. Place the magnet on the **SET** recess again, the LED will flash 2 times indicating **PRESENCE MODE**.

4. Place the magnet on the **SET** recess again, the LED will flash 3 times indicating **PARKING MODE**.

5. If you place the magnet on the **SET** recess again, the LED will flash 1 time indicating a return to **EXIT MODE**.

6. Now place magnet on the **CODE** recess to confirm the changes.

The changes will be made and the loop will go back to operational mode.
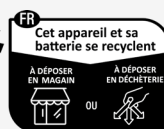
Resetting e-LOOP to Factory Defaults

Place and hold the magnet on **CODE** recess until both LEDs flash twice. The unit is now reset to factory defaults. Note: this will also delete the transceiver from your loop, you will also need to delete the loop from the transceiver as well. (Refer to deleting codes on e-Trans instructions)