microtech DESIGNS EL00PM e-LOOP Post Mount Owner's Manual

microtech DESIGNS

e-LOOP
Post-Mount

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Specifications

Frequency:	433.39 MHz
Security:	128-bit AES encryption
Radio Range:	Up to 50 Metres
Detection Range:	Up to 3 Metres
Battery life:	Up to 3 Years
Battery type:	2 x AA Lithium Batteries 1.5v
Mounting Style:	Post Mounted 600mm Above Ground

e-LOOP Fitting Instructions ELPM

Step 1 – Coding e-LOOP
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 COD Erecess 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)

1. Place the magnet on the CODE recess of the e-Loop, the yellow code LED will flash once now remove magnet and the LED 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.

Step 2 – Fitting e-LOOP

1. Drill 2 holes approx. 163mm apart into your desired 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.

Step 3 – Calibrate e-LOOP

1. Move any metal objects away from the e-LOOP.
   Place 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.
ERROR 1: Low radio range – Yellow LED flashes 3 times.
ERROR 2: No radio connection – Yellow and Red LED flashes 3 times.
System is now ready.

Uncalibrate e-LOOP

1. 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 ELPM as default. To change the mode from exit mode to presence mode on the ELPM e-LOOP, use the menu via the e-TRANS-200 the Diagnostics remote or a magnet

Changing Mode using 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 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 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)

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Documents / Resources

	microtech DESIGNS EL00PM e-LOOP Post Mount [pdf] Owner's Manual EL00PM, EL00PM e-LOOP Post Mount, e-LOOP Post Mount, Post Mount, Mount

References

- Microtech Designs
- User Manual