AERO NEW ZEALAND
GATE ACCESS AUTOMATION

Specifications

Voltage:	10-36V DC
Current draw standby:	4.5 m/a
Current draw active:	30 m/a
Frequency:	433.39 MHz
Remote storage:	50 remotes, 2 x e-Loops, 2 x keypads, 2 x entry buttons
Relay:	1-amp contact rating, COM and N/O connections x 1 relay
Modes:	Pulse, Latch and Hold

e-TRANS-50

SINGLE CHANNEL TRANSCEIVER

To code e-Loop first option

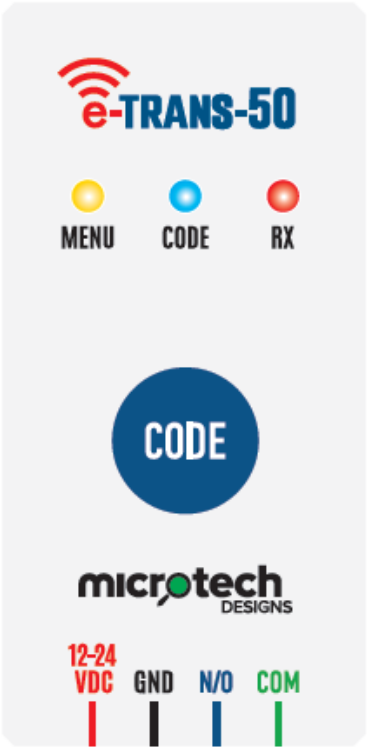
1. Press and release **CODE** button on the Transceiver, the Code LED will illuminate.
2. Now press the CODE button on the domestic e-Loop, or use the magnet to activate the code button on the commercial e-Loop. The Transceiver and e-Loop will now pair.
   If pairing was successful, the Code LED will flash 3 times and exit code learn.
   If pairing fails, the RX LED will flash 3 times and exit code learn.

To code e-Loop second option

1. Place antenna of the Transceiver on top of the e-Loop.
2. Now press **CODE** button on the Transceiver.
   If pairing was successful, the Code LED will flash 3 times and exit code learn.
   If pairing fails, the Code LED will stay on as per standard coding sequence.

To change operational mode

1. Remove the power from the Transceiver by unplugging the terminal block.
2. Now hold the **CODE** button on the Transceiver, then plug in the terminal block. The Menu LED will display.
   Now release the **CODE** button, the Code LED will also display indicating Pulse mode.
3. To change mode press **CODE** button, the Menu LED and RX LED will now display indicating Hold mode.
4. Press **CODE** again and all LEDs will display indicating Latch mode. (By pressing **CODE** button again it will take you back to Pulse mode).
   Wait 5 seconds and menu will exit back to operational mode.



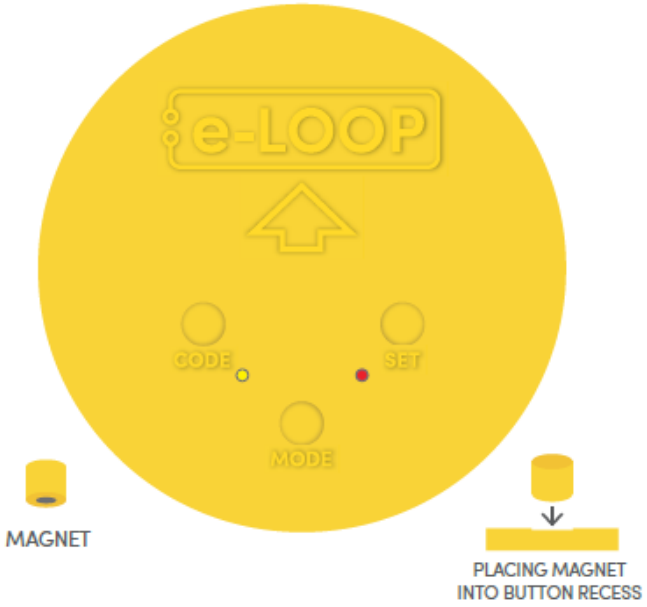
Specifications

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 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

1. Place e-LOOP device in the desired location and secure into the ground using 2 Dyna 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: 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.