
# Microtech DESIGNS e-LOOP Micro Wireless Vehicle Detection System Instructions



Contents



## Microtech DESIGNS e-LOOP Micro Wireless Vehicle Detection


**Specifications**

- **Frequency:** 433.39 MHz
- **Security:** 128-bit AES encryption
- **Range:** up to 25 metres
- **Battery life:** up to 2 years
- **Battery type:** CR123A 3V 1500 m/a Lithium Battery x1 (included)
- **Replacement battery type:** CR123A 3V 1500 m/a x 1

## Product Usage Instructions

**Step 1 – Wiring the e-TRANS 20**

**Option 1. Short-range coding with magnet**

1. Connect the e-Trans 20 wires to the matching terminals on a gate motor.
2. Power up the e-Trans 20, then press and release the CODE button.
3. Place the magnet on the CODE recess on the e-Loop.
4. The systems are now paired, and you can remove the magnet.

**Option 2. Long-range coding with magnet (up to 25 metres)**

1. Power up the e-Trans 20, then place the magnet on the code recess of the e-Loop.
2. The systems will pair, and you can remove the magnet.

**Step 2 – Fitting the e-LOOP Micro to Driveway**
Using a 5mm concrete masonry drill, drill two mounting holes 40mm deep, then use the provided screws to fix to

the driveway.

**IMPORTANT:** Never fit near high voltage cables as this can affect the e-Loop's vehicle detection and radio range capabilities.

**FAQ**

- **Q: How do I know when to replace the battery?**
  - A: The battery life is up to 2 years, but if you notice a decrease in performance or range, it's recommended to replace the battery with a CR123A 3V 1500 m/a x 1.
- **Q: Can I extend the range beyond 25 meters?**
  - A: The device is designed for a range of up to 25 meters. Attempting to extend the range may affect performance and reliability.

## Specifications

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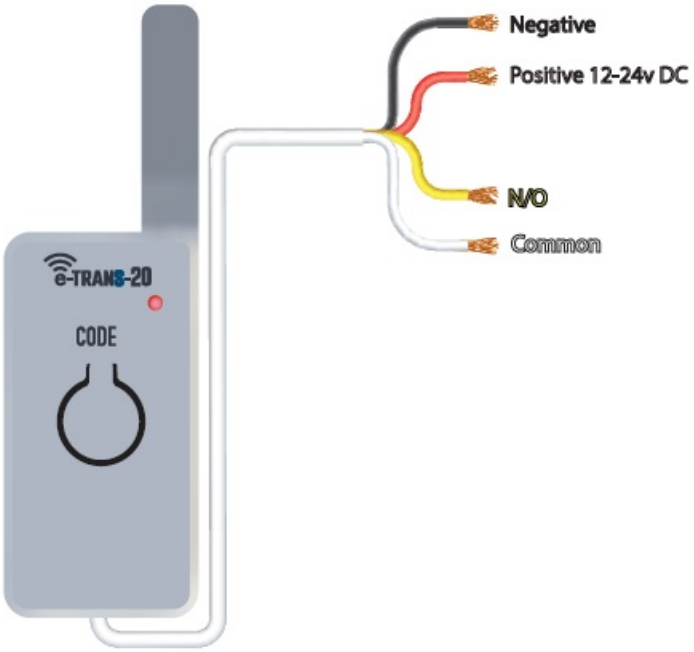
- **Battery life**: up to 2 years
- **Range**: up to 25 metres
- **Security**: 128-bit AES encryption
- **Replacement battery type:** CR123A 3V 1500 m/a x 1

e-LOOP Micro
Wireless Vehicle Detection System
ELMIC

## e-LOOP Micro Fitting Instructions

**Installation in 3 simple steps**




**Step 1 — Wiring the e-TRANS 20**

**Option 1.** Short-range coding with magnet
Connect the e-Trans 20 wires to the matching terminals on a given gate motor. Power up the e-Trans 20, then press and release the CODE button. The LED on the e-Trans 20 will light up, now place the magnet on the CODE recess on the e-Loop, the yellow LED on the e-loop will flash, and the LED on the e-Trans 20 will flash 4 times. The systems are now paired, and you can remove the magnet.

**Option 2.** Long range coding with magnet (up to 25 metres) Power up the e-Trans 20, then place the magnet on the code recess of the e-Loop, the yellow code LED will flash once now remove magnet and the LED will come on solid, now walk over to the e-Trans 20v and press and release the CODE button, the yellow LED will flash and the LED on the e-Trans 20 will flash 3 times, after 15 seconds the e-loop code LED will turn off.

**Step 2 — Fitting the e-LOOP Micro to Driveway**
Using a 5mm concrete masonry drill, drill the two mounting holes 40mm deep, then use the 5mm concrete screws supplied to fix to the driveway.

**IMPORTANT**: Never fit near high voltage cables, this can effect the e-Loop's vehicle detection and radio range capabilities.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## Documents / Resources

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|  | Microtech DESIGNS e-LOOP Micro Wireless Vehicle Detection System [pdf] Instructions ELMIC-MOB, ELMIC, e-LOOP Micro Fitting, e-LOOP, Micro Fitting, Fitting, e-LOOP Micro Wireless Vehicle Detection System, e-LOOP, Micro Wireless Vehicle Detection System, Vehicle Detection System, Detection System |

## References

- User Manual