e – Trans 50

Quick Start Guide

AES GLOBAL

STILL HAVING TROUBLE?
Find all of our support options such as Web Chat, Full Manuals, Customer Helpline and more on our website:
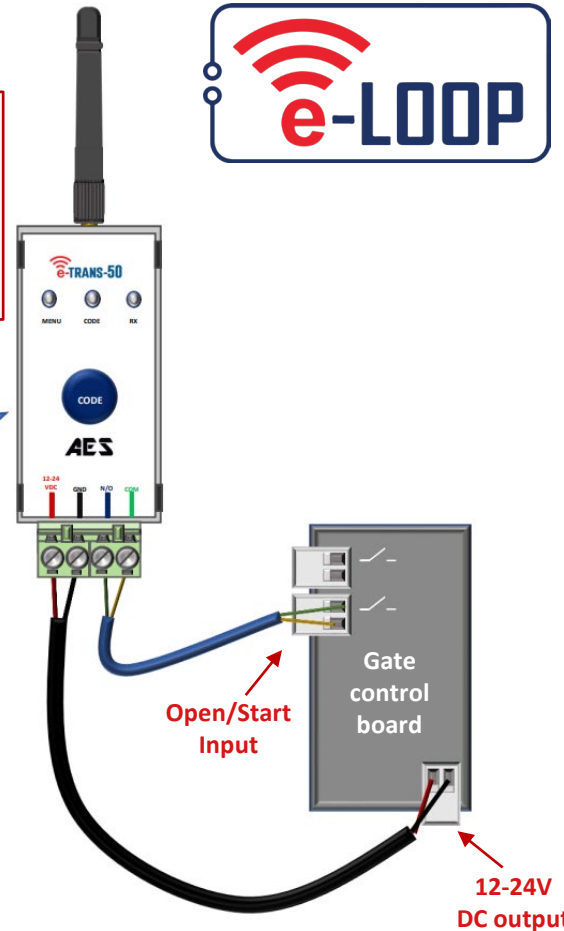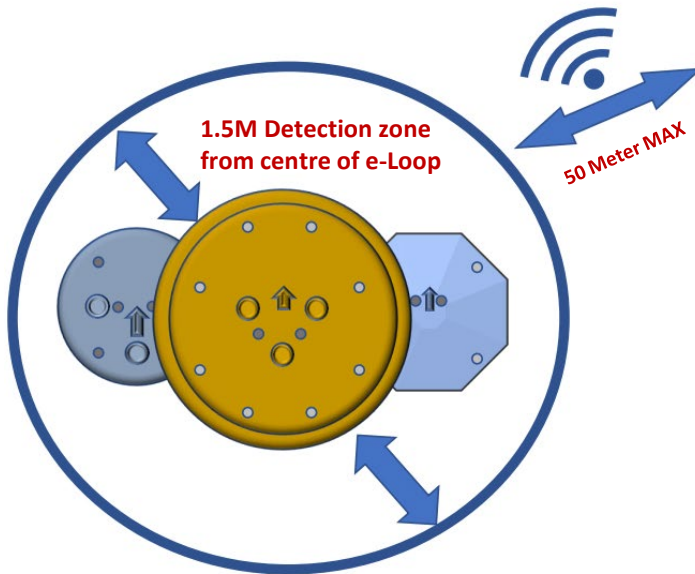**WWW.AESGLOBALONLINE.COM**

* ALWAYS TEST THE UNIT ON SITE BEFORE INSTALLATION * See full T&C's on our website

e-Trans 50 Connection Diagram

Technical Specs:

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-LOOP

1.5M Detection zone from centre of e-Loop

50 Meter MAX

e-TRANS-50

MENU CODE RX

CODE

AES

12-24 VDC   GND   N/O   COM

Open/Start Input

Gate control board

12-24V DC output

Coding devices:

To code e-Loop: Hold the e-Loop next to the antenna of the transceiver. Now press and release the CODE button on the transceiver. The e-Loop will flash the Yellow LED and the transceiver will flash the Blue LED 3 times indicating it has paired successfully.

CODE   MENU CODE RX

*Once paired to transceiver, e-Loop Mini will self-calibrate after approx. 3 minutes, indicated by a Red LED on loop flashing 3 times.
Commercial/inground loops will need to be manually calibrated with magnet, see full manual on how to do so.*

To code e-TX/remote device: Press and release the CODE button on the transceiver, Blue LED will illuminate . Press the e-TX/remote button that you want to activate the transceiver once. The Blue LED will flash, indicating the coding sequence.
Press the e-TX/remote button a second time, the Blue LED will flash again, and the coding sequence is now complete.

YouTube

Full Manual

Ensure e-Trans is not in a steel/metal enclosure which can reduce signal range.
The transceiver should be mounted as high as possible with clear line of sight to loop to maximise range.

Check out our YouTube channel for how to guides

EXTRA RESOURCES

NEED MORE ASSISTANCE?
+44 (0)288 639 0693
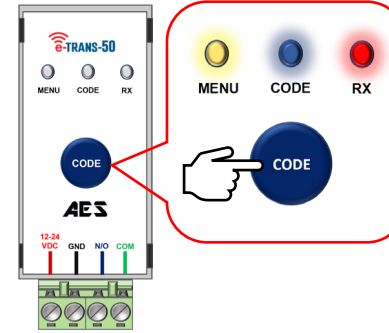SCAN THIS QR CODE TO BE BROUGHT TO OUR RESOURCES PAGE.
VIDEOS | HOW-TO GUIDES | MANUALS | QUICK START GUIDES

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FAQ'S

Question	Answer
Q: My loop will not code to transceiver?	A: Ensure loop is held directly beside transceiver for pairing process, initiate code process on transceiver, this should automatically detect loop and successfully pair if close enough. For commercial or inground loops: these can be paired in close proximity or further away in location by using pairing method 2. See full manual for instructions.
Q: What is the max distance between loop & transceiver?	A: The loop can be placed up to 50M away from the transceiver using supplied antenna, ensure a clear line of sight between loop & transceiver. Please note: housing the transceiver in a metal enclosure or close to high voltage power lines could reduce the transmission range. If you are having issues, please try house the transceiver in its own separate enclosure or try an external antenna.
Q: Can I change the sensitivity of the loop?	A: The loop has a detection area of 1.5M (radial) distance from the centre of loop. By default, our loops are setup in a way that they will detect almost any vehicle as it passes directly over the loop. If you feel the loop is too sensitive and picking up smaller objects other than vehicles it may be worth trying to recalibrate the loop firstly. If still having issues, please call technical support to discuss. **+44 28 8639 0693** We also offer the e-Diagnostic remote which allows you fine tune loop settings.
Q: I have paired the loop, but it is not triggering gate/barrier?	A: Test by placing metal object or driving vehicle over loop, on the transceiver check if Red/RX LED comes on while doing so, this will indicate the loop is triggering and signal sent to transceiver firstly. If gate is not triggering, double check wiring from gate motor, you can also test & prove relay is changing state by using a multi-meter. If still having issues, please call technical support to discuss further. **+44 28 8639 0693**
Q: Can I pair multiple loops to 1x transceiver?	A: Yes, you can pair up to 4x loops to either e-Trans 50 or e-Trans 200. This can be any variety of loops; exit mode, presence mode, commercial or residential.

Reset / Default Transceiver
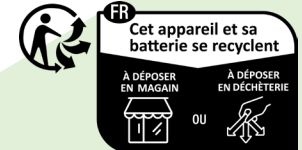

1) Power transceiver unit up with 12-24V DC power input.

2) Press and hold "CODE" button for approx. 10 seconds.

3) All 3 LEDs on transceiver will flash briefly.

4) The unit will then clear memory and be defaulted.

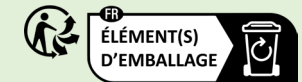5) Ready to code new device again using normal pairing process.

CE

AES Global Ltd - 4 Kilcronagh Business Park, Cookstown, BT80 9HJ, UK.
Product Type: Wireless Vehicle Detection & Automation.

Hereby, AES GLOBAL LTD declares that the radio equipment type E-TRANS-50 is in compliance with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following internet address:
www.aesglobalonline.com/e-loop#ce

This product is not a complete product until fully installed. It is therefore considered a component part of an overall system. The installer is responsible to check that the end installation complies with local regulatory requirements. This equipment forms part of a "fixed installation".