

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, 4 x e-Loops, 4 x keypads, 4 x entry buttons
Relay:	1-amp contact rating, COM and N/O connections x 1 relay
Modes:	Pulse, Latch and Hold

Coding device

1. To code device press and release **CODE** button. The Code LED will illuminate
2. To code remote handset, press the remote button that you want to activate transceiver once. The Code LED will flash, indicating coding sequence.
3. Press remote button a second time, the Code LED will flash again and the coding sequence is now complete. You can follow on with more remotes, wait 10 seconds for code sequence to automatically exit, or press the coded remote once more to exit.

NOTE: The first time a remote is coded into Transceiver, it sets the button allocation for that remote and all future remotes. So if you have chosen button 1 on the first remote, all following remotes will activate from that button no matter which button you coded the following remotes with.

Changing button allocation

1. Press and hold the **CODE** button on the Transceiver, the Code LED will illuminate.
2. Now take a coded remote and press the button you want the transceiver to work from. All LEDs will flash to indicate changed button allocation. All remotes will now work from the new selected button.

Deleting remotes

1. Press and hold code button for 10 seconds. All LEDs will flash 3 times to indicate all remote devices have been cleared.

To code e-Loop first option

1. Press and release **CODE** button on the Transceiver, the Code LED will illuminate.
2. Now place the magnet in the **CODE** recess on the e-loop, the transceiver and the e-Loop will now pair. If pairing was successful, the code LED will flash 3 times and exit code will be learned. If pairing fails, the RX LED will flash 3 times and the exit code will be learned.

To code e-Loop second option

1. Place the magnet on the code recess of the e-loop, the yellow code LED will flash, now remove the magnet and the yellow code LED will come on solid
2. Press and release the code button on the e-trans 50, the blue code LED will flash 3 times and exit code learn.

NOTE: If pairing fails, the Code LED will stay on as per standard coding sequence.

Changing 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 move to Remote Lock Function. →

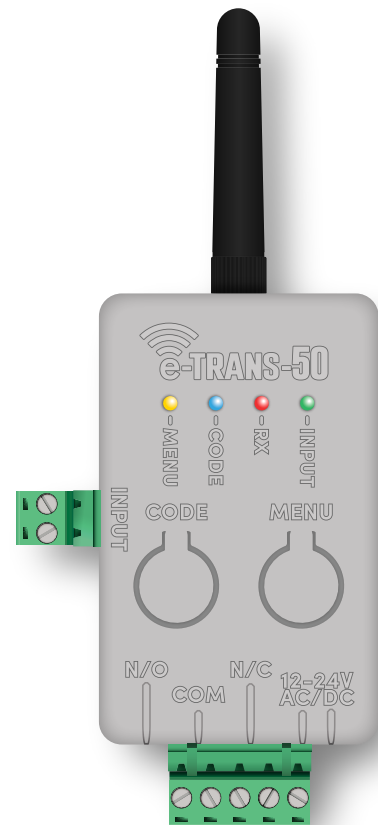
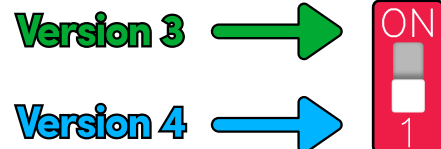


e-TRANS-50

SINGLE CHANNEL TRANSCEIVER

Backwards Compatibility

To ensure maximum backwards compatibility across the entire e-Trans/e-Loop range. The new & improved e-Trans 50 features a hardware switch to toggle between Version 3 (legacy) & Version 4 (Current).



Relay Locking Function

5. All LEDs will flash, then the Yellow Menu LED & Red RX LEDs will come on solid; indicating the Lock Function is OFF.
6. To turn Lock Function ON, press the **CODE** button. The yellow Menu LED will come on solid and Red RX LED will start flashing. This indicates that the Lock Function is ON. Wait 5 seconds and all LEDs will flash indicating the menu has been exited.

Fail Safe Menu

Entering Menu

Press **CODE** & **MENU** simultaneously to enter **Fail Safe**

Menu the LEDs will flash to indicate current mode

CODE + **MENU** **ON:**  x 3
OFF:  x 3

Exit Fail Safe Menu
Press **MENU** button to save and exit Fail Safe Menu.

MENU

Toggle | Fail Safe ON/OFF
Press **CODE** button to cycle between **Fail Safe** & **Fail Secure** modes.

CODE

Main Menu

Navigating Sub-Menus

Press **MENU** button to move to next item. **NOTE:** After 10 seconds, menu will automatically exit; no changes will be saved.

1. Entering Menu

Press **MENU** button to enter **Main Menu**, all LEDs will flash once to indicate you have successfully entered the menu.

Menu Entered Successfully
 x 1

2. Operation Menu

When **CODE** button is pressed it will cycle between modes.

CODE

Pulse:    
Hold:    
Latch:    

3. Pulse Time Menu

This menu adjusts the relay pulse time (how long relay latched for). For each **CODE** button press Pulse Time value is increased by 1 second. For example, 4 x **CODE** Button press, after a 3 seconds, 4 flashes will display to indicate 4 seconds. **MIN:** 1 Sec | **MAX:** 15 Sec
Press **MENU** button to move on to next menu item and save changes.

e-Trans Forwarding

The new e-Trans 50 includes forwarding functionality. With the ability to chain multiple transceivers together, you can ensure that when one loop latches all contained systems latch simultaneously.

4. Forwarding Menu

This menu allows users to select whether the forwarding is enabled or disabled on this device. Press **CODE** button to toggle forwarding between **ON** & **OFF**. Press **MENU** button to move on to next menu item and save changes.

ON:    
OFF:    

5. External Input Menu

The External Input menu allows the user to select what relay action is performed when the input is activated. When **CODE** button is pressed it will cycle between modes. Functions include: **Latch** (then unlatch when Input deactivates), **Pulse** (If input activates Pulse Relay), **POC** (Pulse on Charge - This means when the input activates the relay will pulse and when input deactivates it also pulses).

Pulse:    
Latch while held, unlatch when released:    
POC:    

6. External Input Contact Menu

This menu allows the user to change how the input acts. It can act as **N/O** or **N/C** Pressing the code key cycles between the options.

N/O: Activated is when the connection is made Normally Open (**N/O**):    
N/C: Activated is when the connection is broken Normally Closed (**N/C**):    

e-Trans Forwarding

