MODEL ID:
E T 5 0

VERSION 4

e-TRANS 50

INSTRUCTION MANUAL

VISIT OUR WEBSITE AT HTTPS://ELOO.PS FOR VIDEOS, TROUBLESHOOTING & MORE DOCUMENTATION

V4.0.6

e-TRANS

Specifications

Voltage:	12-24V AC/DC
Current Draw Standby:	4.5 mA
Current Draw Active	30 mA
Frequency:	433.39 MHz
Remote Storage:	50 remotes, 4 x e-LOOPs, 4 x e-KEYPADs, 4 x entry buttons
Relay:	1-amp contact rating, COM, N/C & N/O Connections x 1 relay
Modes:	Pulse, Latch & Hold

Coding a Remote

1. To code a device, press & release the CODE button. The code LED will illuminate.
2. To code e-TX Remote, press the remote button that you want to activate the transceiver once. The e-TRANS code LED will flash, indicating the coding sequence has started.
3. Press the remote button a second time, the code LED will flash again. The coding sequence is now complete. You can then code more remotes, wait 10 seconds for the coding sequence to exit automatically, or press the coded remote once more to exit.

NOTE: The first time a remote is coded into the e-TRANS, it sets the button allocation for that remote & all future remotes.

Coding an e-LOOP | Option 1

1. Press & release the CODE button on the e-TRANS, code LED will illuminate.
2. Now tap the CODE recess of the e-LOOP. The e-TRANS and e-LOOP will pair. If pairing is successful, code LED will flash 3 times & exit. If pairing fails, RX LED will flash 3 times & coding mode will be exited. This indicates storage is full.

Coding an e-LOOP | Option 2

1. Tap the CODE recess of the e-LOOP. The code LED will flash, then illuminate solid.
2. Press & release the CODE button on the e-TRANS, code LED will flash 3 times & pairing mode will be exited.

NOTE: If pairing fails, the code LED will stay on.

Main Menu

Entering Menu
Press the MENU button to enter the Main Menu. All LEDs will flash once to indicate you have successfully entered the menu.

Menu Entered Successfully x1

Navigating Menu
Press the MENU button to move to the next menu item. After 10 seconds of inactivity, the menu will exit automatically; any changes will be saved.

1. Operation Menu
Pressing the CODE button will cycle the relay operational mode through PULSE, HOLD & LATCH.

CODE | **PULSE:** **HOLD:** **LATCH:**

2. Pulse Time Menu
Pressing the CODE button sets the pulse time, 1 press = 1 second. Min: 1 sec | Max: 15 sec

After the time is entered, the green LED will flash to verify the pulse time in seconds.

CODE x3 = x3

3. Forwarding Menu
The Forwarding Menu enables/disables e-TRANS forwarding on this device. Press the CODE button to cycle between ON/OFF.

ON: **OFF:**

4. External Input Menu
The External Input Menu allows the user to select what relay action is performed when the input is activated. When the CODE button is pressed, it will cycle through the modes.
LATCH (Relay matches input state.)
PULSE (pulses the relay when the input activates)
POC (Pulse on Change – pulses the relay output when the input activates or deactivates)

Pulse: **Latch:** **POC:**

5. External Input Contact Menu
This External Input Contact Menu allows the user to set the input-active condition. It can act as N/O or N/C. Pressing the CODE button cycles through the options.
N/O: Activated when the input is bridged
N/C: Activated when the connection is broken

Normally Open (N/O): **Normally Closed (N/C):**

Changing Button Allocation

1. Press & hold the CODE button on the e-TRANS. The code LED will illuminate.
2. Whilst holding the e-TRANS CODE button, take a coded remote & press the button you want the transceiver to work with. All LEDs will flash to indicate the button allocation has changed.

Fail Safe Menu

The e-TRANS 50 can be set to operate as either fail safe or fail secure. By default, transceivers are set to Fail Secure.

Fail Safe: Holds relay ON if e-LOOP loses connection
Fail Secure: Reports connection lost

1. Entering Menu
Press the CODE & MENU buttons simultaneously to enter the Fail Safe Menu. The LEDs will flash to indicate the current mode.

CODE + MENU | **SAFE:** x3 **SECURE:** x3

2. Toggle Fail Safe/Fail Secure
Press the CODE button to cycle between Fail Safe & Fail Secure modes.

CODE = **SAFE:** x3 **SECURE:** x3

Exit Fail Safe Menu
Press the MENU button to save & exit the Fail Safe Menu.

MENU

Buzzer

Hold the CODE & MENU buttons simultaneously for 10 seconds to toggle the buzzer ON/OFF.
NOTE: Turning the buzzer ON adds an audible beep on relay activation & error notifications.

CODE + MENU | **ON:** x3 **OFF:** x3

Forwarding

NOTE: Forwarding mode sets all connected e-TRANS devices to match the relay state. (The relay can only deactivate once all accessories are deactivated.)

1. To code an e-TRANS into another e-TRANS, first ensure forwarding is enabled on all transceivers via the menu (see Main Menu item 3).
2. Press & release the CODE button on the first e-TRANS. Wait until the code LED illuminates solid.
3. Press the CODE button on the next e-TRANS. Both e-TRANS code LEDs will flash 3 times to indicate a successful pairing.

Locking Function

NOTE: The e-TX Locking Function forces the relay to stay active & cannot be overridden by any other device. It can be removed via a power cycle.

To enable locking mode, press & release CODE. Then press 1 + 2 on e-TX remote.
To disable locking mode, press & release CODE. Then press 3 + 4 on e-TX remote.

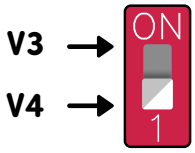
1 + 2 **ON:** x 3 | 3 + 4 **OFF:** x 3

Once you have a coded e-TX remote, an e-TRANS relay can be locked on. To do this, press buttons 1 + 2 at the same time. The e-TRANS will remain locked until unlocked.
To unlock the e-TRANS, press buttons 3 + 4 at the same time.

1 + 2 **LOCKED:** | 3 + 4 **UNLOCKED:**

Switching to Version 3

To switch the e-TRANS 50 radio mode from Version 4 to Version 3, gently pry open the plastic casing using a screwdriver. The red switch can be toggled to change modes.



Deleting All Devices

Press & hold the CODE button for 10 seconds. All LEDs will flash 3 times to indicate all remote devices have been cleared.

x3

Reset Settings

To reset e-TRANS 50 settings, hold the MENU button for 10 seconds. All LEDs will flash 3 times to indicate the reset has been performed.

x3