

# ET3048 CAN LIN Tester Manual

## CAN LIN Tester



1. Red Plug
2. Black Plug
3. : Select CAN / LIN / SIGNAL Mode
4. : Long Press to turn on/off the device.
5. : Connect to Signal Receiver,  
Long press to select 01 / 10 mode,  
Short press to stop / play the ID page.
6. Wireless Signal Receiver
7. ON/OFF
8. LED: Green (Power light) / Red Blue (Signal Light)

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### CAN Mode:

Insert the probe into the red and black plug, connect to CAN BUS module pins, and then the screen displays the Baud and automatically recognizes CAN-H & CAN-L. After 3s, displays the parts of Standard Frames.

### CAN Baud Range:

50-83-100-125-150-200-250-300-400-500

CAN PROBE	ID:[795] 10 50 41 00 00 00 00 ID:[000] 10 50 41 00 00 00 00 ID:[FF9] 10 50 41 00 00 00 00 ID:[000] 10 50 41 00 00 00 00
BAUD: 500kbps	
CAN-L      CAN-H	

### LIN Mode:

Red plug connects to LIN, Black plug connects to GND.

### LIN Baud Range:

2400-4800-9600-14400-19200bps

LIN PROBE	ID[PID]:29[E9] 00 15 66 03 45 10 41 77 ID[PID]:07[47] 00 11 92 33 44 ID[PID]:23[A3] 00 11 22 33 49 54 61 23 ID[PID]:29[E9] 00 15 66 03 45 10 41 77
BAUD: 14400	
LIN                  GND	

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### Wireless Signal Receiver:



### Pairing between Signal Receiver & Tester:

When you first install the battery into the Signal Receiver, please follow these steps:

1. Remove the top lid of the Signal Receiver;
2. Slide **CR2032 3V Lithium Battery** into the back of the circuit board;
3. Long press the Pairing Switch on the circuit board (over 3s), "LED" keeps green light.

4. Press to turn on the tester, under CAN/LIN Mode, long press over 3s, "LED" keeps on Green light and Red Blue light, finish pairing successfully, close the lid.

**Note:** After this first time pairing, this operation is not subsequently required.

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### 5. Under CAN / LIN Mode, screen displays on tester,

- 5.1 Screen display

CAN PROBE
BAUD: 500kbps
CAN-L      CAN-H

Tester receive CAN / LIN signal,  
——"LED" flash red blue light;

Tester doesn't receive CAN / LIN signal,  
——"LED" keep red blue light;

Wireless signal disconnected,  
——"LED" keep green, Red Blue light close.

- 5.2 When screen shows ID/Standard Frames data, press to stop page ("H" on top right side), press again to continue playing the data.

ID:[795]	H
10 50 41 00 00 00 00	
ID:[000]	
10 50 41 00 00 00 00	
ID:[FF9]	
10 50 41 00 00 00 00	
ID:[000]	
10 50 41 00 00 00 00	

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- 5.3 Long press again, screen display :

CAN PROBE
BAUD: 500kbps
CAN-L      CAN-H

Tester receive CAN/LIN signal,  
——"LED" flash red blue light;

Tester doesn't receive CAN/LIN signal,  
——"LED" keep red blue light;

Wireless signal disconnected,  
——"LED" keep green, Red Blue light close.

- 5.4 MAX Signal Reception Distance: 5m.

- 5.5 Turn on the Signal Receiver, if "LED" doesn't turn on, please check battery condition or if used beyond the signal reception distance.

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### Signal Mode:

Check PWM Signal.

Max Voltage: <20V

Red wire connects to Signal line,  
Black wire connects to GND.

SIGN PROBE
02.2V
SIGN                  GND

### Note:

1. If no data is displayed, please check if the pin connections are correct or if there is poor contact, or if the mode doesn't match.
2. If CAN/LIN no data, but SIGN mode has PWM, it means CAN/LIN signal is not complete.
3. If the screen displays "LOW POWER", please replace the battery.
4. Main Tester Power Supply: 9V (Not included)
5. No operation within 3 mins automatically close.

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### Safety Warning

1. Do not use in an environment prone to static electricity, which may lead to equipment damage;
2. Do not use in a humid environment, which may lead to equipment damage;
3. Do not use it under voltage mismatch, which may lead to equipment damage;
4. Test LIN line must correspond to the pin definition of the connection, otherwise it cannot be detected;
5. Pay attention to the positive and negative poles when installing the battery.

**Warranty:** The warranty period is 12 months from the date of purchase.

**IMPORTANT NOTE:** Incorrect operation of this product will invalidate the warranty.

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