TT-L6 & TT-L4 Tester and Factory Setting Tool User Guide

Power up of the **TT-L6&4 Tester I**, LED 1 (TT-M), 2 (TT-A), 3 (TT-L) on tester will lit up, indicating 3 choices to set the Device under test (DUT),

plug the 7 pin tester connector to the device under test (DUT), the pin near white bar line up with PWR pin on DUT. One, or two, or none of the top 4 LED on tester may lit up,

TT-M LED lit only, indicating the DUT setting matches the factory setting of a TT-L6M

TT-A LED lit only, indicating the DUT setting matches the factory setting of a TT-L6A

TT-L LED lit only, indicating the DUT setting matches the factory setting of a TT-L6

TT-M & L4/6 LED lit, indicating the DUT setting matches the factory setting of a TT-L4M

TT-A & L4/6 LED lit, indicating the DUT setting matches the factory setting of a TT-L4A

TT-L & L4/6 LED lit, indicating the DUT setting matches the factory setting of a TT-L4

L4/6 LED can be turned on or off by click on it.

To set TT-L6x to factory default for TT-L6M, make sure L4/6 LED is off, click TT-M

To set TT-L6x to factory default for TT-L6A, make sure L4/6 LED is off, click TT-A

To set TT-L6x to factory default for TT-L6, make sure L4/6 LED is off, click TT-L

Note: the DUT has to be TT-L6 series to set it for TTL6x

To set TT-L4x to factory default for TT-L4M, make sure L4/6 LED is on, click TT-M

To set TT-L4x to factory default for TT-L4A, make sure L4/6 LED is on, click TT-A

To set TT-L4x to factory default for TT-L4, make sure L4/6 LED is on, click TT-L

Note: the DUT has to be TT-L4 series to set it for TTL4x

Testing:

click the TEST button, tester will check DUT's settings and indicate it's settings as above,

For TT-L6, make sure L4/6 LED is off, click DUT button one by one: ON, OFF, 1, up, down, 2.

For TT-L4, make sure L4/6 LED is on, click DUT button one by one: ON, OFF, up, down.

Tester will check each function after each button clicked,

when PASS LED lit up the DUT is functioning normally.

Some DUT may response slower, repeat click if needed

Trouble shooting:

If the **Tester LED keep flashing on & off**, the DUT power consumption is over spect.

other than above, press and hold **PASS** button until both PASS & TEST LED lit up,
check tester LED 1,2,3,4: 1 on - DUT button 1 function failed, 2 on - button 2 fail, and so on.
tester will resume function after 2 seconds.

press and hold **TEST** button until both PASS & TEST LED lit up,
check tester LED 1,2,3,4: 1 on - DUT button 5 function failed, 2 on - button 6 fail,
3 on - DUT OSI high detection failed, 4 on – DUT OSI low detection fail,
tester will resume function after 2 seconds.

press and hold both **PASS & TEST** button until both PASS & TEST LED lit up,
check tester LED 1,2,3,4: 1 on - DUT 1-10V output high failed, 2 on - DUT 1-10V output low fail,
3 on - DUT RLY output high failed, 4 on – DUT RLY output low fail,
tester will resume function after 2 seconds.

If above does not work, and the green (heart beat) LED on DUT is flashing every second, DUT fail on comm function

Note: OSI button on the side of tester can be used to further verify DUT's response to OSI input.
button pressed simulate OSI on