# PC Cable Tester ATA

User's Manual

Introduction:

The PC Cable Tester is a stand-along test device, it designed to provide you to test the popular used PC data cables (Optional advanced model can test two more cables such as the USB and 1394) for identified the wires connecting statusopen, shorted, cross, miss-wire and continuity. It is a very good tool for most cable dealers, cable assembly house or system integrators to quickly check the pin configuration or trouble shooting in every work environment.

Features:

- Can test the most used PC data eables, network cables such as printer cable, monitor cable, modem cable, mouse extension cable, game cable, (USB and 1394 cables are for optional advanced model), BNC coax cable, RJ45 cable etc, for open, shorted misswire, continuity and pin configuration.
- Enhanced LED glow for shorted printer cable test
- Auto and manual scans can be selected
- DC battery compartment and AC power adapter jack provided
- Handy held, easy access, simple installation and operation

Product Profile:
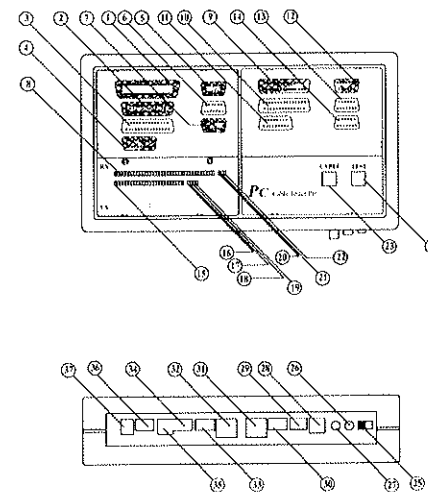
1. RX SIDE CENTRONIC 36 PIN(F)
2. RX SIDE DB25 PIN DB 25 (F)
3. RX SIDE DB25 PIN DB 25 (M)
4. RX SIDE DB25 PIN DB 15 (M)
5. RX SIDE DB9 PIN (F)
6. RX SIDE DB9 PIN (M)
7. RX SIDE HDB 15 PIN (F)
8. RX SIDE PIN-OUT INDICATOR
9. TX SIDE DB25 PIN (F)
10. TX SIDE DB25 PIN (M)
11. TX SIDE DB15 PIN (F)
12. TX SIDE DB9 PIN (F)
13. TX SIDE DB9 PIN (M)
14. TX SIDE HDB 15 PIN (M)
15. TX SIDE PIN-OUT INDICATOR
16. CABLE TYPE FOR 4 PIN (1-4PIN)
17. CABLE TYPE FOR 1-9 PIN
18. CABLE TYPE FOR 1-15 PIN
19. CABLE TYPE FOR 1-25-36 PIN
20. BATTERY LOW INDICATOR
21. TX SIDE GND INDICATOR
22. RX SIDE GND INDICATOR
23. CABLE TYPE SELECTOR KEY
24. TEST KEY
25. POWER ON/OFF SWITCH
26. AUTO/MANUAL SELECTOR KEY
27. LED INDICATER
28. TX SIDE 1394 CONNECTOR
29. TX SIDE USB (A) TYPE CONNECTOR
30. TX SIDE SERIAL ATA CONNECTOR
31. RX SIDE 8PRC RJ45 JACK
32. RX SIDE 8PRC RJ45 JACK
33. RX SIDE SERIAL ATA CONNECTOR
34. RX SIDE USB(A) TYPE CONNECTOR
35. RX SIDE USB(B) TYPE CONNECTOR
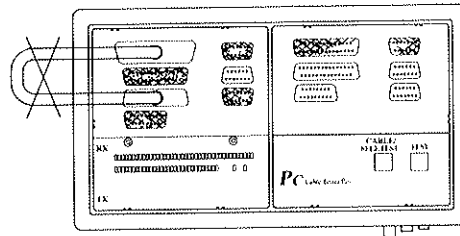36. RX SIDE 1394 CONNECTOR
37. 9V DC 150mA 2.5Φ/POWER JACK

Operation:

1. Switch the power on
2. Connect the tested cable one end to the TX corresponding connector and the other end to the RX corresponding connector (See Fig. 2)
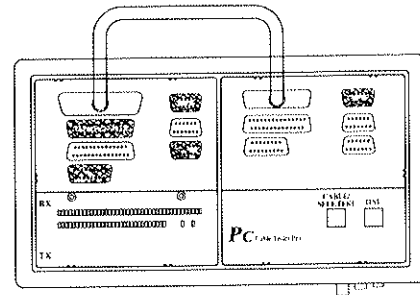

(Fig.2)

Note: Do not connect both ends of the cable to the same side of TX or RX as it may cause a wrong read out or damage the tester (See Fig. 3)

(Fig.3)

3. Set the LED scanning switch on auto mode.
4. Select the cable wire number to be the appropriate one by pressing the cable button switch.
5. Read the test result from the LED display and its corresponding pin number.
6. If the LED scanning switch is set to be manual mode, press the "**Test**" button switch one by one to read the LED and its corresponding pin number.
7. If you are going to test the shielding of the cable then select the cable wire number to the G position. The TXG and RXG LED will display the connecting status.

Explanation for LEDs display: (See Fig. 4)

wire no.3 opened   wire no.2 straight connected   wire no.5&6 shorted
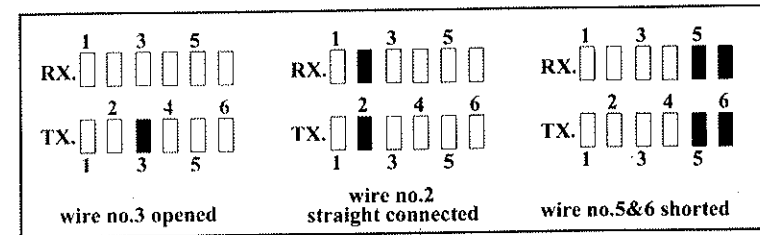
(Fig.4)

Remarks:

1. The tester will always send a signal from the TX side, in order, and the LEDs in the TX side have to be glowed by each pin. If any LED on the TX side is not glowed then the LED is damaged.
2. The tester can not tell you which end the problem is coming from.
3. If the gender of the tested connector can not match together, a mini gender changer is recommended to be used.
4. To save battery power don't forget to turn the power switch off if you are not going to operate it for a while.