

PC Cable Tester

User Manual

Model: 258981, 258991



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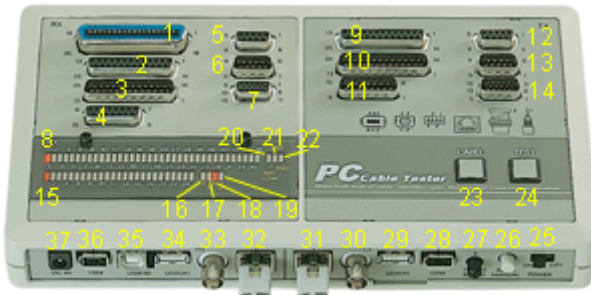
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INTRODUCTION

The PC Cable Tester is a stand-alone 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 status open, 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:

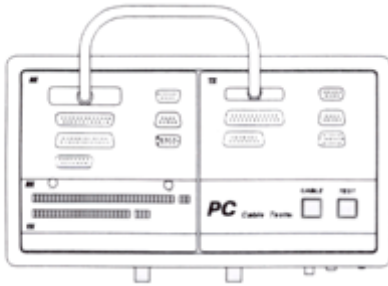
- Can test the most used PC data cables, network cables such as printer cable, monitor cable, modem cable, mouse extension cable, game cable, (USB and 1394 cables are for optional advanced model), BNC coax cable, RJ45 cable etc. for open, shorted miswire, continuity and pin configuration.
- Enhanced 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.



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|---------------------------------|------------------------------------|-----------------------------|------------------------------------|
| 1. RX SIDE CENTRONIC 36 PIN (F) | 12. TX SIDE DB 9 PIN (F) | 20. BATTERY LOW INDICATOR | 27. LED INDICATOR SPEED SWITCH |
| 2. RX SIDE DB 25 (F) | 13. TX SIDE DB 9 PIN (M) | 21. TX SIDE GND INDICATOR | 28. TX SIDE 1394 CONNECTOR |
| 3. RX SIDE DB 25 (M) | 14. TX SIDE HDB 15 PIN (M) | 22. RX SIDE GND INDICATOR | 29. TX SIDE USB (A) TYPE CONNECTOR |
| 4. RX SIDE DB 15 PIN (F) | 15. TX SIDE PIN-OUT INDICATOR | 23. CABLE TYPE SELECTOR KEY | 30. TX SIDE BNC CONNECTOR |
| 5. RX SIDE DB 9 PIN (F) | 16. CABLE TYPE FOR 4 PIN (1-4 PIN) | 24. TEST KEY | 31. TX SIDE 8P8C RJ45 JACK |
| 6. RX SIDE DB 9 PIN (M) | 17. CABLE TYPE FOR 1-9 PIN | 25. POWER ON/OFF SWITCH | 32. RX SIDE 8P8C RJ45 JACK |
| 7. RX SIDE DB 15 PIN (M) | 18. CABLE TYPE FOR 1-15 PIN | 26. AUTO/MANUAL SELECTOR | 33. RX SIDE BNC CONNECTOR |
| 8. RX SIDE PIN-OUT INDICATOR | 19. CABLE TYPE FOR 1-25-36 PIN | | 34. RX SIDE USB (A) TYPE CONNECTOR |
| 9. TX SIDE DB 25 PIN (F) | | | 35. RX SIDE USB (B) TYPE CONNECTOR |
| 10. TX SIDE DB 25 PIN (M) | | | 36. RX SIDE 1394 CONNECTOR |
| 11. TX SIDE DB 15 PIN (M) | | | 37. 9V DC 150 MH 2.5 O/POWER JACK |

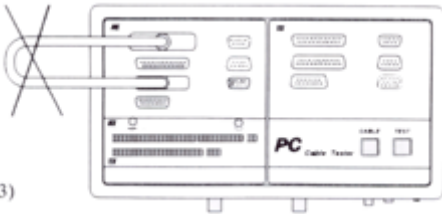
OPERATION:

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)

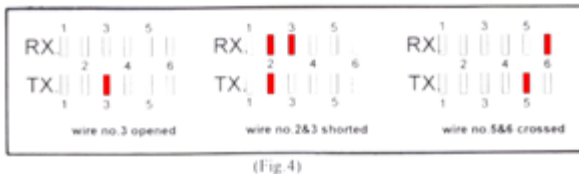
Note: Do not connect both ends of the cable to the same side of TX or RX as it may cause a wrong read out or damage the tester (See Fig. 3)



(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)



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.