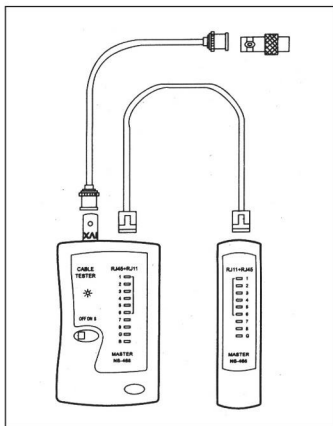


# USER'S MANUAL

## TCT-109

Multi-functional  
Network Cable Tester



# **TCT-109**

## **Multi-functional Network Cable Tester**

- Functions:

1. can test correspondingly double-twisted cables 1,2,3,4,5,6,7,8 and G, meanwhile, can judge wrong connection, short circuit and open circuit.
2. TCT-109 tests BNC, RJ-11 and RJ-45.
- Tests of double-twisted cables: switch on the power. (S is slow automatic grade, M is manual.) Put cables into both main tester and remote tester. The lights of the main tester will turn on sequentially from 1 to G.

Main Tester: 1-2-3-4-5-6-7-8-G

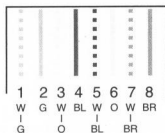
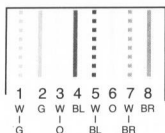
Remote Tester: 1-2-3-4-5-6-7-8-G RJ45

1-2-3-4-5-6----- RJ12

1-2-3-4----- RJ11

Following are abnormal connections:

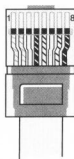
1. If one cable, for example cable NO.3 is open circuited, the two NO.3 lights of the main tester and remote tester will not turn on.
2. If several cables are not connected, several lights will not turn on respectively. If less than two cables are connected, none of the lights is on.
3. If two ends of a cable is disordered, for example NO.2 and NO.4, then displays on:  
Main Tester: 1-2-3-4-5-6-7-8-G  
Remote Tester: 1-4-3-2-5-6-7-8-G
4. If two cables are short circuited, neither of the corresponding lights is on of the remote tester while main tester remains unchanged. If three cables, including three, are short circuited, none of the corresponding lights is on.
- If test patch panels or wall plate outlets, two cables which can match each other (eg. 110P4 and RJ-45) will be connected to the tester.
- If test cables of the same axes, BNC turns on when the cable works.



8P8C



6P6C



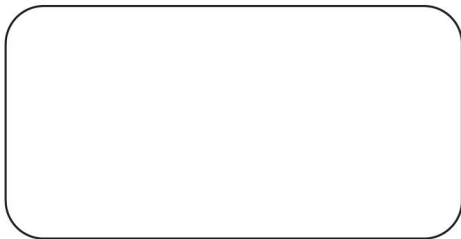
PLUG

## Warning



- This cable tester cannot test any electrified product.
- 9V reduplicated battery is used in this tester. Battery is advised to change if any weak light appears.
- Test cannot be done while RJ-45's copper screezers are not totally pressed. Any disobeys may lead to a permanent damage of the end.
- Please use quality tools to press the cables.
- Any end not notified by 6P6C cannot test telephone cables. Any disobeys may also lead to a permanent damage of the end.

## ***Distributor***

A large, empty rounded rectangular box with a thin black border, intended for providing distributor information.