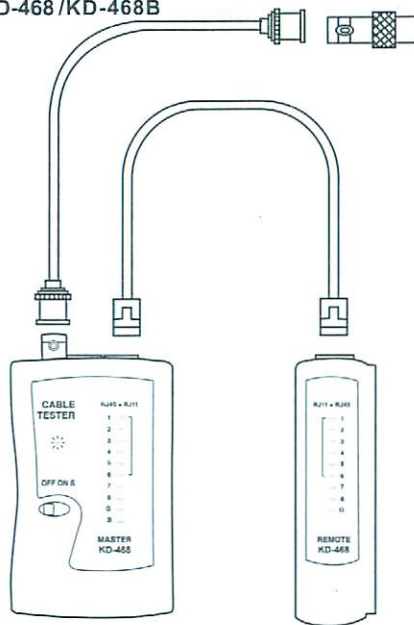


KD-468 /KD-468B



## KD-468/KD-468B MULTI-MODULAR CABLE TESTER

### Warning:

1. For protect and safety reasons, please don't use test AC power.
2. Turn on the power light is dark or not light. Please replace new 9V battery.

### How to Use KD-468:

1. Turn on power switch, the power light will be flash. ("S" for low speed test)
2. To test twist pair cable, one side connect to the master unit and the other side connect to remote unit.
3. On main unit indicator light from No.1 to 8. If the cable is normal, the indicator light will be light from No.1 to 8.
4. To test coaxial cable, connect one end of the coaxial cable to the connector on the main unit and connect a terminator to the other end of the cable. If the cable is good, the MT-7051 indicator light "B" on the main unit shines green. If the light does not shine, the cable has an open connection or short.

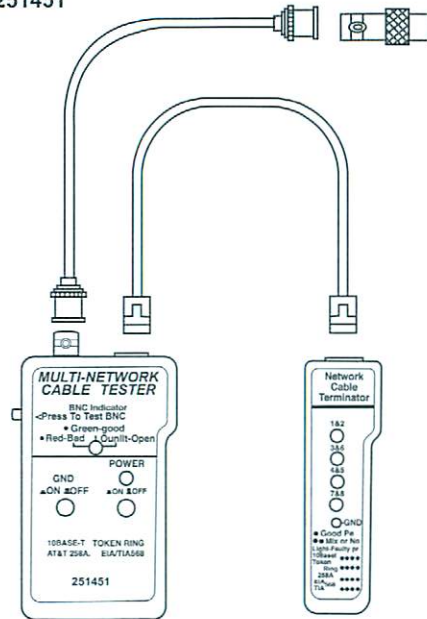
### Remarks:

Please make sure-a 9-volt alkaline battery has been installed in the battery compartment.

### Caution:

Don't connect cable tester to the live circuits as it may be damaged by over voltage.

251451



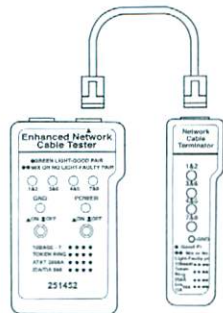
## 251451 MULTI-NETWORK CABLE TESTER

### Test for Coaxial Cable (BNC)

1. Plug one end to the BNC socket of the master unit and the other end to the remote terminator.
2. Push the power switch on, the power LED will flash to show the power is working properly.
3. After the cable is inserted, the BNC LED should be kept unlighted. If the BNC LED is lighted up, then the cable is bad.
4. Push the button which is on the left side of the master unit. The BNC LED indicator will light up GREEN if the cable is OK. If LED lights up RED or no light, the cable is bad.

### Test for 10-Base-T, AT& T 258A, EIA/TIA 568, Token Ring Cable

1. Plug on end of the cable to the jack of the master unit and the other end to the remote terminator.
2. Push the power switch on, the power LED will flash to show the power is working properly.
3. As soon as the power was switched on, the LEDs on the remote terminator will start to scan one by one. If the cable is OK, the LEDs corresponding to each pair connected will light GREEN. If the LED is lighted GREEN first and RED after (mix) or it is unlighted, the cable is bad.
4. If the cable is shielded, you may test shielding by pushing the GND switch on. The corresponding LEDs and GND LED will light up with all green except the LED of pair 3 & 6 is kept off. If any LED is lighted green first and red after or unlighted, it's showing the shielding is bad.



## 251452 /KD-008 MULTI-MODULAR CABLE TESTER

### Test for USOC 4/USOC 6/USOC 8 Modular Cable

1. Plug one end to the master tester and the other end to the remote terminator (you may plug both end to master unit only, if you are not doing a remote test).
2. Push the power switch on, the power LED will flash to show the power is working properly.
3. As soon as the tested cable is inserted the LEDs on the remote terminator will start to scan one by one.
4. If the tested cable is OK, the corresponding pair of LEDs will light up all Green.
5. If the corresponding pair of LEDs is lighted all RED, the cable was wired reversely.
6. If the LEDs light up GREEN first and Red after (mix) or it is unlighted, the cable is bad.

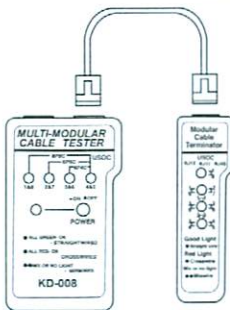
### Remarks:

Please make sure a 9-volt alkaline battery has been installed in the battery compartment.

### Caution:

Don't connect cable tester to the live circuits as it may be damaged by over voltage.

KD-008

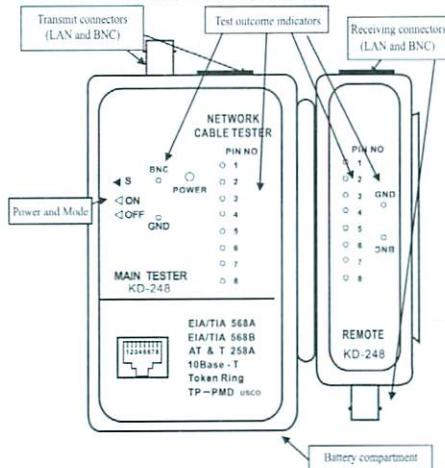


### Introduction

Thank you for buying our cable tester! This manual will help you install and use it properly. NCT-1 is a multi-functional Network cable tester. The following cables can be tested:

- EIA/TIA 568A/568B RJ45 cable
- BNC (10Base-T) cable
- 100Base-TX, 1000Base-TX cables
- Token Ring, AT&T 258A, Coaxial cable

### Buttons and controls definition



### Package contents

- Multi-functional Network Cable Tester
- Remote terminator

### Installation

Open the battery compartment at the back of the cable tester and insert a 9V battery (\* not included). Close the battery compartment. The tester is ready to be used. Set the main switch into "ON" or "S(slow)" mode. The power indicator should light up.

### Operation

#### Important warning: Never use the tester in the live circuits.

- Plug one end of the cable into the Transmit connector of the tester
- Plug the other end of the cable into the Receiving connector of the tester on Remote terminator
- Switch the tester on (set it to "On" for "Automatic mode" or to "S" for the "Slow automatic mode").
- The wires now will be tested one after another; the tester will switch from one wire to the other automatically. In this way the wiring can be quickly checked on the display of the Remote terminator Test outcome indicators.
- If the cable is wired properly the Test outcome indicators will light up synchronously in the following sequence:

Main tester: 1-2-3-4-5-6-7-8-G (RJ45)

Remote tester: 1-2-3-4-5-6-7-8-G (RJ45)

- If the cable is wired in a wrong way the Test outcome indicators will light up in a different sequence, for example:
  - a) Suppose wire number 3 is not connected to the remote side - in this case the Main tester third indicator will light up but there will be no light on the remote side.
  - b) Suppose wire number 3 is connected to the wire number 5 of the remote side - in this case the Main tester third indicator will light up simultaneously with the Remote side fifth indicator.
  - c) Suppose there is a short circuit between two or more wires. In this case no lights will be up on the Remote side.
- If you test Coaxial cable, BNC indicator will be lighted up for the proper wiring.