

Lan Cable Tester

Model:6566R



CE

Lan Cable Tester

INTRODUCTION

The Handheld Lan Cable Tester model 6566R is an intelligent continuity tester for LAN cables, Phone cable and Coaxial cable. open, short, and miswiring are also tested. It provides the installers an ease of use which keeps you from wasting time through complex menus.

FEATURES

- Easy to diagnose RJ45 Lan cable, Phone cable and BNC cables with preset wiring schemes.
- Easy to read status of each wire with LED display.
- Auto and manual scan pin assignment, to verify cable continuity, open, short and mis-wired.
- Identify and trace the other end's ID using supplied remote kit with LED.
- Test for shielded and unshielded cable type.
- Maximum testing cable length : 1,000 feet (The battery power is not low less than 7V).
- Test pin configuration for 10/100 base-T cable, 10 base-2 cable, RJ45/ RJ11 modular cable, AT&T 258A cable, EIA/TIA 568A/568B cable and Token Ring Cable etc.
- Ground wire test.
- Buzzer sound warning for short.
- Auto locked status wire function with manual reset.
- LED Indicator for Power ON/OFF.
- BNC to RJ45 Adaptor lead included.
- RJ45 to RJ45 Adaptor lead included.
- Include travel pouch.

SPECIFICATIONS

A. Size :

1. Master Unit : L=11.8cm , W=6.4cm , H=3.2cm
2. Remote Unit : L=9.9cm , W=3.1cm , H=2.6cm
3. Weight : 189 gs (Not include Battery)

B. Package contents :

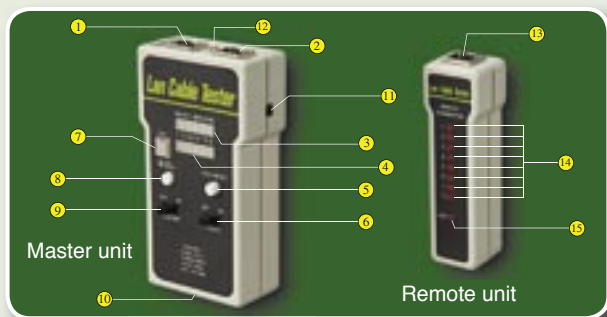
● Master unit

- | | |
|----------------------------------|--------------------------------|
| 1. RJ45 JACK (Sourcing end) | 2. RJ45 JACK (Target end) |
| 3. LED INDICATORS (Sourcing end) | 4. LED INDICATORS (Target end) |
| 5. LOCK RESET BUTTON | 6. POWER ON/OFF SWITCH |
| 7. MANUAL SCAN BUTTON | 8. SWITCH FOR AUTO/MANUAL SCAN |
| 9. BUZZER SOUND WARNING SWITCH | 10. BATTERY COMPARTMENT (9V) |
| 11. LED ILLUMINATION BUTTON | 12. LED ILLUMINATION |

● Remote unit

13. RJ45 JACK FOR RECEIVING END ON REMOTE UNIT
14. LED INDICATORS FOR RECEIVING END ON REMOTE UNIT
15. LED INDICATOR FOR GROUND WIRE TEST ON REMOTE UNIT

- RJ45 to RJ45 adaptor lead
- RJ45 to BNC male adaptor lead
- RJ45 to BNC female adaptor lead
- BNC male to BNC male adaptor
- Travel pouch



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OPERATION

A. Loop back Test :

1. Plug one end of testing cable on the RJ45 jack of sourcing end on the master unit and another end of testing cable on the remaining RJ45 jack of receiving end on the master unit.

2. Turn on the power, the upper row LED will start sequential scanning process if the Auto/Manual switch is set on Auto mode, or the LED will light on pin 1 if the Auto/Manual switch is set on Manual mode. (Testing performance are illustrate on picture. 1,2,3,4.)

3. When the buzzer is turned on, it automatically scans for error. When an error is found the buzzer keeps sounding. To stop the buzzing and move to the next scan push "LOCK RESET" then it will scan the next wire and sound off when an error is detected.

4. Press the right side LED button for illumination for use in poorly lighted area. (Picture 5)

B. Test illustration :

1. Continuity (Picture 1)

2. Cross over (Picture 2)

3. Open (Picture 3)

4. Short (Picture 4)

5. LED light (Picture 5)

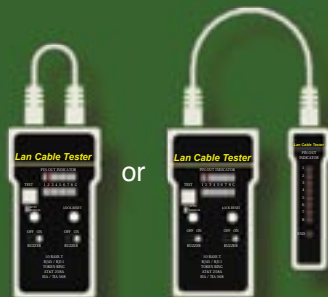


Picture 2 :
Cross over



or

Picture 3 :
Open



or

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Picture 4 :
Short



Picture 5 :
LED light



C. Remote Test :

1. Plug one end of testing cable on the RJ45 jack of sourcing end on the Master unit and the other end of testing cable on the RJ45 jack of receiving end on the remote unit.
2. Set to automatic scan mode on the master unit by pressing Auto/Manual switch button.
3. Read the test result from the LED indicators on the remote unit.
4. You may use this remote test to perform the pin configuration of installed cable on the patch panel inside the wall plate.

WARNING

- Remove the battery from the Lan Cable Tester if it won't be used for some time in order to lengthen its life span.
- If you use a power supply instead of 9V battery, turn the power to 9V to avoid components to short-circuit.
- DO NOT operate the tester in live circuit because it may damage the tester.
- When battery power low less than 7V LED indicator light will be darken light and test result will be incorrect.
- Make sure to use 9V battery, don't use other power supply.
- To avoid damage, please don't drop, avoid contact with water and store and operate at environment temperature less 80 degree C.
- Please read this user's manual carefully before you use this cable tester.

