

Cable Tester Instruction Manual v1.3.1

1. Introduction

This product is a cable tester, which consists of a master and remote, and supports phone cable and network cable calibration. The operation is simple, the test is convenient, and it can quickly detect and troubleshoot the cable.

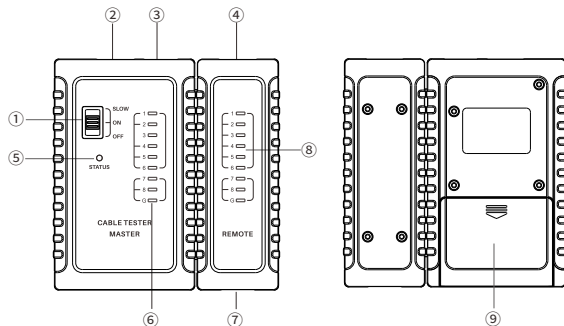
2. Features

Support live test (cable voltage is lower than 48V)

Double gear test

Low pressure prompt

3. Product Schematic



1

- ① Switch (slow, turn on and off)
- ② Master RJ45 connector
- ③ Master RJ12/RJ11 connector
- ④ Remote RJ45 connector
- ⑤ Status light

- ⑥ Master indicator
- ⑦ Remote RJ12/RJ11 connector
- ⑧ Remote indicator
- ⑨ Battery compartment

4. Battery Installation Instructions

(1) Insert the battery according to the positive and negative instructions inside the battery compartment.

(2) After installing the battery, please fasten the battery cover.

(3) When the instrument is not used for a long time, be sure to remove the battery and place it properly.

Note: Before changing the battery, turn the switch of the instrument to the "OFF" position.

5. Test Steps

Step 1: Turn the switch to the "ON" or "SLOW" position, and the status light starts to flash.

Step 2: Insert both ends of the cable to be tested into the corresponding ports of the master and remote respectively.

(1) If there is no abnormality in the connection of the cable under test, the indicator lights of the master and remote will flash from 1~G in sequence and synchronously.

Master

1-2-3-4-5-6-7-8-G
1-2-3-4-5-6-----G
-2-3-4-5-----G
-3-4-----G

Remote

1-2-3-4-5-6-7-8-G (RJ45 connector, 8 core)
1-2-3-4-5-6-----G (RJ12/RJ11 connector, 6 core)
-2-3-4-5-----G (RJ12/RJ11 connector, 4 core)
-3-4-----G (RJ12/RJ11 connector, 2 core)

2

Note: The “G” indicator light is used to indicate the connection status of the shielding layer of the cable under test. If the cable under test has no shielding layer, the “G” indicator light will not light up.

(2) If the connection of the cable under test is abnormal, the indicator light will display according to the following conditions (Take RJ45 connector 8-core cable as an example, the judgment method of other types of cables is the same as this).

Open circuit: The corresponding master and remote indicators are off. If cables 3 and 5 are disconnected, indicator lights 3 and 5 will not light up.

Out-of-order: The order of the master lights remains unchanged, while the remote indicators light up in an out-of-order order. If cables 3 and 5 are out of order, the lighting sequence is:

Master: 1-2-3-4-5-6-7-8-G

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

Short-circuit: The indicator light of the master is normally lit one by one, and the indicator light corresponding to the short-circuit conductor on the remote is not on or the brightness decreases when it is lit.

Step 3: When the test is over, turn off the instrument and place it properly.

Indicator/Status Light Description

	Status light	Test indicator
Power on test mode	About 0.5s	About 0.5s
Slow gear test mode	About 1s	About 1s
Low battery	When it is detected that the battery power is too low, the status light is always on for 10 seconds without flashing, and then returns to the normal flashing state (the instrument prompts once every 50 seconds until it is shut down)	Maintain current test mode

6. Technical Parameters

Test cable type	Network cable, telephone cable
Operating environment	Temperature: -10~50°C Humidity: 20~75%RH
Storage environment	Temperature: -10~50°C Humidity: 10~90%RH
Protection level	IP40
Power supply	1×9V square battery
Dimensions	Master: 102×62×25mm Remote: 102×36×25mm
Shell material	ABS
Weight	Master: About 81g (Without battery) Remote: About 51g

Note

- Avoid long-term testing of live cables.
- In case of low battery prompt, please replace the battery in time.
- Keep the instrument out of the reach of children.
- Pay attention to dust and moisture protection.
- Avoid contact with corrosive chemicals.
- Avoid sun exposure.