

NF-468S

Your excellent helper in cable test!

NEW!

INSTRUCTION MANUAL

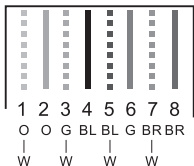


**ORIGINAL
AUTHENTIC**

*Patented products
Counterfeiting not allowed*



VER: V1



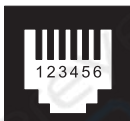
T568B



T568A



8P8C



6P6C



PLUG

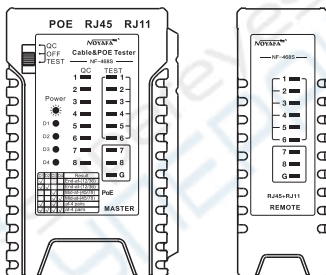


Please read the manual carefully before the operation of this unit.

- ★ Any electrified testing by the cable is Not allowed.
- ★ 9V reduplicated battery is used in this cable. Battery is advised to change if there any weak light appears.
- ★ Only when the RJ45 plug's copper screeners are completely crimped down the test can be carried out. Violation of this rule will cause permanent damage to the cable!
- ★ Please use good quality tools to press the cables.
- ★ Please take out the battery to prevent the leakage of battery liquid if the cable is not used for long periods of time.

Product introduction

NF-468S is a multi-functional cable tester which integrates multiple types of cable test and POE test. It can test whether the open circuit, cross circuit and plug of wire RJ45, RJ11 and RJ12 are in normal work. It can also be used to test whether the network cable is powered and the power data. It can identify the type of Power Sourcing Equipment (Either Endspan or Midspan) in your network. It is widely used in commercial, household and other fields.



Product features

- 1 Quickly and easily to test results --open, cross, pass, short
- 2.Quickly to check the RJ45/RJ11 plug.
- 3.Quickly identify the type and provide power of PoE.
- 4.Compliant with IEEE 802.3af/802.3at PoE standard.
- 5.RJ45 connector, simple plug in the cable
- 6.When the battery power is low, the "power" light will quickly flash.

1. Product Introduction

Model	NF-468S
Maximum test distance	2000m
Cable type	RJ45 Network cable Cat5/5e/6/6a(UTP/STP) RJ11/12 telephone wire Cat3(6P2C/6P4C/6P6C)
Testing indicator	8 indicator lights for quick test
Shield indication G	Available
QC	RJ45/RJ11 plug test
PoE	4LED (Midspan / endspan connection at/af PoE power environment)
Detect PoE	Available
Size (LxWxD)	10.4x9.6x2.7cm
Power Supply	DC 9.0V
Weight	200g

1. POE test methods

1. Insert one end of network cable into RJ45 Port (PoE), and the other end into the port of the working PoE switch. The test results are as follows:

D1 Green Led	D2 Blue Led	D3 Green Led	D4 Blue Led	Result
√	×	×	×	Endspan(12/36) 802.3af(over Data)
√	√	×	×	Endspan(12/36) 802.3at(over Data)
×	×	√	×	Midspan(45/78) 802.3af(over Data)
×	×	√	√	Midspan(45/78) 802.3at(over Data)
√	×	√	×	802.3af (4 pairs)
√	√	√	√	802.3at (4 pairs)

Note: when test cable continuity, the test results of the tester should be matched with the remote lighting sequence to judge the correctness of the cable

Test cable continuity

Insert one end of cable into master port (the network cable to RJ45 port, the telephone wire to RJ11 port), and the other end is inserted into the corresponding remote port. Turn the main tester switch to the position "TEST" . At this time, the power indication light will be on, and the led lights will be on one by one. The test results are as follows:

1.Pass circuits: the main tester and the remote tester led lights will be flash one by one.

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

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

2. Short circuit: for example of NO.2 and NO.5 are short circuited, NO.2 and NO.5 lights of main tester will be normal while NO.2 and NO.5 lights of remote are weak.

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

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

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

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

3. Open circuit: for example of NO.2 is open circuited, the two NO.2 lights of main tester and remote will not be turn on.

Master: 1-x-3-4-5-6-7-8

Remote: 1-x-3-4-5-6-7-8

4. Cross circuit: for example of NO.2 and NO.5 are cross circuited, NO.2 of main tester will turn on, while NO.5 light of remote turns on.

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

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

RJ45/RJ11 plug test

Insert one side of the cable to be tested into the main tester port (the network cable to RJ45 port, and the telephone cable to RJ11 port), turn the switch to the position "QC", then the power indication light will be on, and the lights will turn on sequently. The test results are as follows:

1. Good cable: the lights of the main tester will be on sequently.

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

2. Bad cable, for example of NO.2 , the main tester light flashes as follows.

Master: 1-x-3-4-5-6-7-8

Low voltage prompt

If the battery power of the device is low, the power light will flash rapidly, it means a new battery needs to be replaced.

The way to replace the battery as follows:

Open the battery cover of the equipment, take out the low power battery, and replace it with a new 6F229V battery.

Please dispose the waste battery according to the relevant regulations. Do not discard it at will, which will cause environmental pollution.



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