

Altronic Distributors warrants this product for one year from date of purchase from Altronics or its resellers to the consumer. If this item is part of an installation or another product, please contact the installer or supplier for your warranty.

During the warranty period, we undertake to repair or replace your product at no charge if found to be defective due to a manufacturing fault. The warranty excludes damage by misuse or incorrect installation (i.e. failure to install and operate device according to specifications in the supplied instruction manual), neglect, shipping accident, or no fault found, nor by use in a way or manner not intended by the supplier.

For repair or service please contact your **PLACE OF PURCHASE**.

If this item was purchased directly from Altronics please make a warranty claim by:

1. FOR MAIL ORDER CUSTOMERS (includes school and trade orders),

a) Calling your nearest store location and quoting your tax invoice number.

b) Upon contacting Altronics, we will issue an R.A. (Return Authorisation). As Altronics have a number of service agents throughout Australia, a copy of the R.A. will be emailed, faxed or mailed to you with full instructions of how and where to send the goods. The freight for shipping goods back to Altronics for all repairs is at the customers expense.

c) A copy of the R.A. form, (or at the very minimum, the R.A. number) must accompany the goods to effect the repair.

d) Altronics will pay the return freight to the customer where the warranty claim has been accepted.

e) Please quote the R.A. number in any correspondence to us.

2. FOR OVER THE COUNTER PURCHASES to make a warranty claim, please return the goods to us in any of our stores, with a copy of your proof of purchase (tax invoice).

a) Upon leaving the goods at one of our stores, an R.A. number will be issued to you.

b) Once repaired, you will be contacted, advising that the goods are ready to be collected from the store.

It is at Altronics discretion as to whether the goods will be repaired or replaced (whilst under warranty); and as to whether identical goods will be used to replace the item due to changes of models / products.

Note: Under no circumstances should you attempt to repair the device yourself or via a non-authorised Altronics service centre, as this will invalidate the warranty!

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Distributed by Altronic Distributors Pty. Ltd.
Phone: (08) 9428 2199
altronics.com.au

Revision 16/10/2020

D 3006A

**Cable Tester for Networks
with Port Flash**



Instruction Manual



- Features** • Small size, easy to carry. • Multi-function, simple operation
• LED status display • Verifies RJ45, RJ11, RJ12 cables • Checks wire map of continuity, open, short and cross • Port flash function for locating cables

**WARNING: THIS DEVICE IS NOT SUITABLE
FOR TESTING LIVE DATA CABLES!**

Overview

Next time you need to check your cables to ensure you will never again have a faulty cable on your network. Instantly displays the status of all cable conductors (shorted pins, straight or crossover cable identification). Makes it easy to troubleshoot connections. Suits most common network configurations.



Please read and understand these instructions before use and maintain the equipment in good working order.

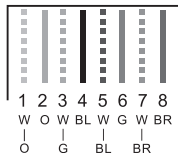
Operation Notes

- Requires 1 x 9V battery for operation.
- Remove battery if the tester is not in use for a long period.
- Ensure connection plugs are fully inserted prior to testing. Failure to do so may result in damage to the plug.
- Ensure when testing that cables are inserted into the correct port.
- This item can test both network and telephone cable which is connected to the switch/router (<48V).

Test Functions

- Tests UTP cables by checking for continuity on pins 1, 2, 3, 4, 5, 6, 7, 8 and ground. During checking it also verifies invalid pin configuration, short circuit and open circuit conditions.
- Speed button allows adjustment of pin verification checking. Pressing this toggles between auto fast, auto slow and manual modes.
- Port flash mode allows you to locate the connected cable on your switch or router by making the relevant port flash.

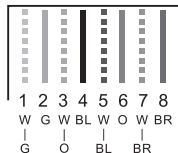
Suitable Wiring Configurations



T568B



8P8C



T568A



6P6C



PLUG

Operation (RJ45)

Turn on the tester by moving the slide switch to "TEST". Connect the RJ45 cable to the master tester and remote unit using the RJ45 ports. The lights on the main tester will turn on and move in sequence from 1 to G as below:

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

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

You can switch the test mode speed by pressing the "SPEED" button. The default mode is automatic slow. Press again to switch to fast scan mode. Press and hold the "SPEED" button for 2s to switch to manual mode and cycle between each pin manually.

Connection Problems

In the event of a problem with a cable connection the following may occur:

- If one pin is in open circuit condition, both lights for the corresponding pin will NOT illuminate on the master and remote units.
- If more than one pin is in open circuit condition, the lights for all the corresponding pins will NOT illuminate.
- If less than two pins are connected in a cable, none of the lights will illuminate during testing.
- If the pins do not match on each end of the cable, then the lights will be mismatched when illuminating in order. eg: if number 2 and number 4 are swapped the LEDs will illuminate as follows:

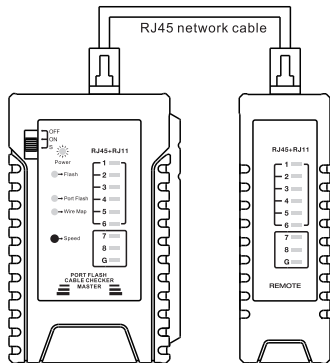
Master Tester: 1-2-3-4-5-6-7-8-G

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

- If two or more pins are short circuited, the corresponding lights will not illuminate on the remote tester while master tester remains normal.
- If connecting to test patch panels or wall plate outlets, ensure both cables connected to the tester are the matching.

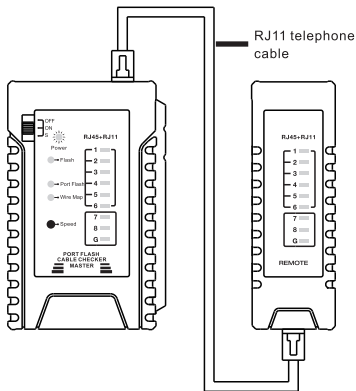
Testing RJ45 Cables

1. Turn on the tester by moving the slide switch to "TEST". The power LED & wiremap LED will illuminate red.
2. If UTP is being tested, the lights of the main tester and remote will turn on in sequence from 1 to 8 and continue to circulate.
3. If STP is being tested, the lights on the main tester and remote will turn on in sequence from 1 to G and continue to circulate.
4. If there is a problem with the cable, consult the information above for details on the specific issue.
5. After testing, turn the tester off by moving the slide switch to "OFF".



Testing RJ11/RJ12 Cables

1. Turn on the tester by moving the slide switch to "TEST". The power LED & wiremap LED will illuminate red.
2. If RJ11 is being tested, the lights of the main tester and remote will turn on in sequence from 2 to 5 and continue to circulate.
3. If RJ12 is being tested, the lights on the main tester and remote will turn on in sequence from 1 to 6 and continue to circulate.
4. If there is a problem with the cable, consult the information above for details on the specific issue.
5. After testing, turn the tester off by moving the slide switch to "OFF".



Port Flash Scanning With RJ45 Switch/Panel

1. Turn on the tester by moving the slide switch to "Port Flash". The power LED red & portflash LED will illuminate yellow.
2. Find a cable which is connected to the switch at the other end. Connect the end of the RJ45 cable to the port marked "Port Flash".
3. When a successful connection is made, the "Flash" LED will illuminate blue.
4. Search the switch panel for an LED which is flashing at a different frequency to the others on the switch. This allows you to identify the connected cable on the switch easily.
5. After testing, turn the tester off by moving the slide switch to "OFF".

