



Functions:

- 1. Test up to 4 cable pairs and identify mis-wired, short and open circuits.
- 2. Test cables with RJ45, RJ12 or RJ11 connectors.

To test a cable: Connect one end of the cable to the appropriate connector on the main unit and connect the other end to the appropriate connector on the remote. Move the power switch to the on position. The unit automatically starts testing each connection. Each location being tested will light up while being tested. The testing sequence is as follows:

RJ45 Connections	RJ12 Connections (Connect to RJ11 ports)	RJ11 Connections
Main Unit: 1-2-3-4-5-6-7-8-G	Main Unit: 1-2-3-4-5-6	Main Unit: 2-3-4-5
Remote: 1-2-3-4-5-6-7-8-G	Remote: 1-2-3-4-5-6	Remote: 2-3-4-5 or 5-4-3-2*

*For twisted cables

Move the power switch to the "S" position to slow down the testing process to better see each test to insure proper connections are made.

Detecting open circuits: As the unit cycles through each connection, if both the main unit and remote unit do not light on a connection (connection 3 for example) then connection 3 is open.

Detecting short circuits: As the unit cycles through each connection, if a pair of LED's on the main unit lights but does not light on the remote unit, connection 3 and 4 for example, then connection 3 and 4 are shorted.

Detecting mis-wired circuits: As the main unit sequences through each connection each successive number will light 1-2-3-4 etc.... The remote should follow the same sequence if the cable is wired correctly. For a mis-wired connection the remote will indicate the location of each connection. For example: assume wires 2 and 4 are crossed on a RJ11 terminated cable. The light sequence on the main unit will be 1-2-3-4, while the remote sequence will display 1-4-3-2. This indicates that wires 2 and 4 are reversed.

Warnings:

Do not test any cable that is connected to a live circuit.

Make sure the connectors on the cable are fully crimped otherwise the tester can give a false reading.

Replace the 9V battery when L-E-D's are no longer bright.