Owner's Manual

Cable Tester with Wire Tracker

Model: T012-001-K

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Package Includes

- Main Tester
- Remote Probe Unit
- RJ45 Jumper Cable
- RJ11 Jumper Cable
- Alligator Clip Adapter
- Headphones
- 9V Battery (x2)
- Owner's Manual

Product Features

- Multi-Function Kit allows for both cable testing and wire tracking
- Find a single RJ11, RJ45, or BNC cable within a group of cables
- Determine the location of a short or breakage in non-powered wires
- Perform wire mapping on RJ45 cables, detecting shorts and open wires
- LED light on Remote Probe Unit for use in dark areas

Wire Tracking

Notes:

- *The volume button is used to fine tune the tone generator. If you are having trouble with the probe not honing in on a single cable, adjust the volume setting. When tracking a cable that has power running through it, it is recommended to set the volume from 1-3. When tracking a non-powered cable, set the volume from 6-8.*
- *The included headphones can be used when in a noisy environment to ensure you hear the tone from the Remote Probe Unit.*
- *Flip the light switch on the side of the Remote Probe Unit to turn on the light for use in dark areas.*

1. If this is the first time you are using the product, insert a 9V battery into the battery compartment of the Main Tester and the Remote Probe Unit. Flip the switch on the Main Tester to the *Scan* position. The *Status* LED will flash to indicate the Main Tester is ready for operation.
2. Connect the RJ11, RJ45, or BNC cable to be tracked to the corresponding port on the Main Tester.
3. Flip the switch on the Remote Probe Unit to the *Scan* position. The *Power* LED will illuminate to indicate the Remote Probe Unit is ready for operation.
4. Run the probe of the Remote Probe Unit along the group of cables until the tone sounds, indicating you have found the desired cable.

Locating a Short or Breakage in a Non-Powered Cable

Notes:

- *Set the volume from 6-8 when locating a short or breakage.*
- *Locating a short or breakage can only be performed on a non-powered cable.*
- *The included headphones can be used when in a noisy environment to ensure you are hearing the tone from the Remote Probe Unit.*
- *Flip the light switch on the side of the Remote Probe Unit to turn on the light for use in dark areas.*

1. Flip the switch on the Main Tester to the *Scan* position. The *Status* LED will flash to indicate the Main Tester is ready for operation.
2. Connect the included alligator clip adapter to the corresponding port on the Main Tester.
   - When locating a **short**, connect both alligator clips to the bare wires on the cable being tested.
   - When locating a **breakage**, connect the red alligator clip to one of the bare wires, leaving the black alligator clip free.
3. Flip the switch on the Remote Probe Unit to the *Scan* position. The *Power* LED will illuminate to indicate the Remote Probe Unit is ready for operation.
4. Run the probe of the Remote Probe Unit along the cable. The tone will sound, indicating that the area where the probe is currently located is undamaged. Continue running the probe along the cable until the tone stops, which will be the location of the short or breakage.

RJ45 Wire Mapping

1. Flip the switch on the Main Tester to the *Test* position. The *Verify* LED will flash to indicate the Main Tester is ready for operation.
2. Flip the switch on the Remote Probe Unit to the *Scan* position. The *Power* LED will illuminate to indicate the Remote Probe Unit is ready for operation.
3. Connect RJ45 cable from the RJ45 port of the Main Tester to the RJ45 port of the Remote Probe Unit.
4. The Pin LEDs on the Main Tester and Remote Probe Unit will illuminate per below.

   Note: *When performing a Wire Mapping operation, pressing the* ***SET*** *button will change the speed at which the LEDs flash.*

   - **Good Cable** – When a UTP cable is properly wired, the LEDs on both units will flash in sequence from 1 through 8. For a good STP cable, the LEDs will flash in sequence from 1 through 8, including G.
   - **Short** – In the case of a short, the LED(s) of the pin(s) in which a short is present will not illuminate on the Remote Probe Unit. The LEDs on the Main Tester unit will all continue to illuminate.
   - **Open** – In the case of an open pin, the LED(s) of the open pin(s) will remain off on both the Main Tester and Remote Probe Unit.

Warranty and Product Registration

1-YEAR LIMITED WARRANTY

TRIPP LITE warrants its products to be free from defects in materials and workmanship for a period of one (1) year from the date of initial purchase. TRIPP LITE's obligation under this warranty is limited to repairing or replacing (at its sole option) any such defective products. To obtain service under this warranty, you must obtain a Returned Material Authorization (RMA) number from TRIPP LITE or an authorized TRIPP LITE service center. Products must be returned to TRIPP LITE or an authorized TRIPP LITE service center with transportation charges prepaid and must be accompanied by a brief description of the problem encountered and proof of date and place of purchase. This warranty does not apply to equipment, which has been damaged by accident, negligence or misapplication or has been altered or modified in any way.

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Under the Waste Electrical and Electronic Equipment (WEEE) Directive and implementing regulations, when customers buy new electrical and electronic equipment from Tripp Lite they are entitled to:

- Send old equipment for recycling on a one-for-one, like-for-like basis (this varies depending on the country)
- Send the new equipment back for recycling when this ultimately becomes waste

Use of this equipment in life support applications where failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is not recommended. Do not use this equipment in the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide.

Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice.

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