

## PairMaster LAN Cable Test Set



Tests for 8 Cable Faults	
OL	Overvoltage
OP	Open Pair
SH	Shorted Pair
CP	Crossed Pair
SP	Split Pair
TP	Transposed Pair
rP	Reversed Pair
ds	Double Split Pair (NEXT)

### PairMaster Functions

#### Wire-Mapping

The PairMaster will check the point to point wiring, commonly referred to as wire-mapping. This tells the user whether or not the cable pairs, 1/2, 3/6, 4/5, 7/8, are wired correctly at both ends. Green LEDs indicate Pass, Red LEDs indicate Fail. If a fault is detected, the corresponding Fault Code is displayed on the large, two digit, seven segment LEDs.

#### Near End Crosstalk (NEXT)

The Near End Crosstalk feature checks for excessive A.C. coupling between each pair in a cable.

#### Cable Identification

The PairMaster can also identify a LAN Cable within a bundle. By connecting up to 16 available Remote Identifiers to the workstation wall jacks, the PairMaster will identify and display the number of the Remote Identifier connected to the cable. The user can then easily document the network topology.

#### Overload Protection

The PairMaster has built-in Overvoltage Protection. When voltage from a Central Office Battery is detected, the unit will flash (OL) and shut itself down.

#### Remote Identifier

The Remote Identifier is a small unit used in conjunction with the Triplet PairMaster for LAN Cable identification. The Remote Identifier properly terminates the LAN Cable when connected to the workstation wall jacks. It contains the necessary circuitry to allow the PairMaster to verify proper wiring within the cable. Each of the 16 Remote Identifiers has an overvoltage LED which lights to indicate the presence of damaging voltage.

### PairMaster Features

- ▲ New Flush Power Button reduces accidental turn-ons
- ▲ Tests Cat 5, 5E & Cat 6 Cables
- ▲ Identifies 1 of 16 Cables (with optional Remote Identifiers)
- ▲ Tests 1/2, 3/6, 4/5, 7/8 Cable Pairs
- ▲ 2 - 7 segment LEDs display Fault Codes and Remote ID numbers
- ▲ Input Protection up to 56VDC
- ▲ Overvoltage Indication on PairMaster and Remote Identifiers
- ▲ Low Battery Indication
- ▲ Auto Power Off at end of test
- ▲ 4 PASS LEDs (Green), 4 FAIL LEDs (Red)
- ▲ EIA / TIA 568 configuration for UTP Ethernet and Token Ring LAN Cables
- ▲ 2 Year Warranty on PairMaster
- ▲ 1 Year Warranty on Remote Identifiers

### The PairMaster

#### LAN Cable Test Set includes:

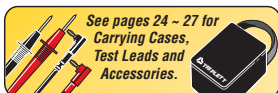
- 2 - Remote Identifiers, #1 and #2
- 1 - RJ-45 Patch Cable (Category 5)
- 2 - RJ-45 In-Line Couplers
- 1 - 9 Volt Battery
- 1 - Instruction Manual

**Cat. No. 3240: PairMaster**

#### Additional Remote Identifiers:

- Cat. No. 3240-18:** Remotes #5 to #8
- Cat. No. 3240-19:** Remotes #9 to #12
- Cat. No. 3240-20:** Remotes #13 to #16
- Cat. No. 3240-22:** Remotes #1 and #2
- Cat. No. 3240-23:** Remotes #3 and #4

**NOTE:** These LAN testers are not intended for use on powered wires or cables. All wires or cables must be non-powered, non-grounded and non-connected.



See pages 24 - 27 for Carrying Cases, Test Leads and Accessories.

### PairMaster Kit LAN Cable Test Set with 16 Remote Identifiers and Carrying Case

#### Complete LAN Cable Testing Kit Includes:

- 1 - PairMaster LAN Cable Test Set
- 16 - Remote Identifiers, #1 thru #16
- 1 - RJ-45 Patch Cable (Category 5)
- 2 - RJ-45 In-Line Couplers
- 1 - 9 Volt Battery
- 1 - Soft-Sided Carrying Case w/ strap
- 1 - Instruction Manual

**Cat. No. 3241: PairMaster Kit**

*The PairMaster gives its user the ability to verify and test basic LAN cabling installations. This unique LAN Cable Test Set can identify (Map) one of up to 16 cables with the press of a button. The PairMaster will also check for 8 faults including Near End Crosstalk (NEXT) for double split pairs.*

