CableMaster 800/850

The Cable Master Series

The CableMaster 800 is a professional cabling tester to test network, telephone and coax cabling. Equipped with a RJ45 jack for network cables and an F connector for coax cables, the CableMaster 800 verifies the wire map, determines the cable length and distance to the fault. The results can be saved and documented using the PC-based reporting software. The CableMaster 800 offers a multitude of functions for trouble-shooting such as cable tracing, link detection up to 1Gb/s, PoE tests and port/outlet identification with ID remotes.

Specifications

Measurement Technology	Time Domain Reflectometry (TDR)
Cable Measurements	Cable Testing and ID: up to 1,000 ft (305 m) Split Pair Detection: 3 ft (1 m) to 1,000 ft (305 m) Length Measurement: 0 to 1,500 ft (457 m), ± (5%+1ft) Supports 8 continuity and ID numbers remotes (RJ 45) Supports 20 RJ 45 and 20 F connector ID only remotes
Power over Ethernet (PoE)	Tests for IEEE 802.3af and IEEE 802.3at (PoE Plus) compliant PoE Tests for classes and loads cable up to 25.5 watts (at class 4 Identifies Mode A or B (pairs with PoE)
Active Ethernet	Indicates advertised speeds of 10/100/1000 Base-T half or full duplex Can Link to network at 10/100 Base-T
Network Discovery Test	Discovers and displays attached network devices Ping IPv4/URL/IPv6 DHCP/DNS and TCP/UDP Connectivity Test LLDP/CDP identification Port LED blink link in 0,1 Hz-steps
Reporting	PDF/CSV reports with PC- Software
Maximum Voltage	Parameters refer to the maximum voltage that can be applied to any 2 connector pins without causing damage to the tester. - RJ Jack: 66 VDC or 55 VAC - F-connector: 50 VDC or VAC
Save Test Results	Stores up to 250 cable or network tests with user defined names
Tone Generation	Tone Frequencies: 730 Hz and 1440 Hz
Languages	English, French, German, Spanish and Italian
Battery Life	For 6xAA, 9VDC, 2,200 mA-hr (typical) Alkaline battery: Operating - 20 hours typical Standby - 1.5 years typical (200 uA max standby current) Batteries are included
Altitude	10.000 ft (3048 m) operating
Temperature	Operating: 32 to 122°F (0 to 50°C) Storage: -22 to 140°F (-30 to 60°)
Humidity	10 to 90% non-condensing
Enclosure	High-strength PC/ABS plastic with VO rating with boot Withstands 4 foot drop on to concrete
Display	Full color graphical LCD with 7,1 cm diagonal
Size	1.85"H x 3.6"W x 6.8"L (4.7 x 9.15 x 17.3 cm)
Weight	With batteries: 1 lb 2 oz (510 g)
Safety Compliances	CE

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The CableMaster 800 is perfectly suited for professional installers and network operators who are challenged with testing and troubleshooting network (RJ45) and coaxial cabling in active networks.

The CableMaster 800 professional cable tester is highly versatile – whether during installation, to verify which outlet is connected to the appropriate port in the patch panel, after installation, for quality testing and documentation of the cabling, or for in-service trouble-shooting of the network.

The test results are displayed on the full-colour graphic screen in a clear and easy to understand way. Test results can be saved in the device and be exported to the PC for evaluation or documentation with the free PC reporting software.

Features

- Tests network and coaxial cables (RJ45 jack and F-type connector)
- Displays wire map in graphical format for rapid trouble-shooting
- Determines cable length and distance to the cable fault performing a full TDR measurement
- Cable/port identification using the cable/port ID remotes
- PoE detection and load test
- Link test up to 1 Gb/s to identify link capability and current link status
- Pinging of individual or lists of IPv4 and IPv6 addresses as well as any URL on internet
- Network Discovery creates lists of attached devices
- CDP/LLDP/NDP and VLAN discovery
- High resolution colour display for excellent readability in any environment
- Generation of test reports and documentation with PC-based reporting software
- CDP/LLDP/NDP and VLAN identification will rapidly provide information on the network configuration.
- Moreover, PoE (Power over Ethernet) presence will be displayed and can be tested with a load test compliant with IEEE 802.3 af/at.

Cable Master 850
1 x Cable tester
1 x Cable Tracker CT15 tone probe
1 set 1-20 coaxial ID remotes
8 x Network/Telephone testing and ID remotes
1 x Cable assembly RJ45 to alligator clips
6 x AA batteries
9 x RJ45 cables
1 x Micro USB cable
1 x Pouch

Cable Master 800
1 x Cable tester
1 x Network/Telephone testing and ID remote
6 x AA batteries
2 x RJ45 cables
1 x Micro USB cable
1 x Pouch