



# MT902 VDV Wire Tester

The MT902 is a professional VDV Wire Tester that analyses patch leads on phones, computer networks and coax cables in one easy step. This portable Voice, Data and Video meter is used to verify and troubleshoot RJ11, RJ12, RJ45 and F-connector cable. Indication on the large LCD display will map out and indicate open faults, short faults, split pairs and reverse wiring together with icons of PASS and FAIL status. The MT902 comes standard with 5 RJ45 Data and 5 Coax F-Connector identification remotes that can be used by technicians to permit mapping as well as identify cable runs from patch panels to a wall outlet ports. The built-in tone generator can be used to locate cables in wiring closets and patch panels by using an optional amplifier probe. Housed in a rugged double moulded case will provide years of reliable service.



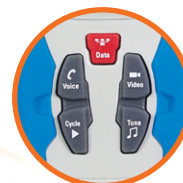
## Features

- Analysing of Voice, Data and Video cables
- Tests shielded twisted pair (STP), unshielded twisted pair (UTP) and coaxial cables.
- Detects shorts, opens, reversed polarity, crossed and split pairs
- 5 Data RJ45 Remote Identifiers, 5 Coax F-Connector Remote Identifiers
- Generates three distinct, selectable digital tone patterns for cable tracing and trouble shooting
- Flashing Voltage warning alerts user of unidentified hazardous voltage
- Simple cable identification of patch panel or wall outlet port
- Low Battery indication and Auto Power Off
- PASS or FAIL indication of correct or error in wiring
- Large LCD backlit display

Function	Range
Minimum Cable Length for Split Pairs Detection	0.5 meters
Maximum Coax Cable Length	305 meters
Maximum Coax Cable Resistance	100Ω maximum DC
Maximum Voltage between any two pins without damage	60V DC or 55V AC
Cable Types	Cat 7, Cat 7a, cat 6a, Cat 6, Cat 5e, Cat 5, Cat 4, Cat 3, Coax
Operating Temperature	0°C to +50°C
Operating Humidity	10% to 90% RH
Size	152 x 61 x 34mm
Weight	230g



Large LCD displays the test results and all faults for various cables



Selection Buttons for VOICE, DATA or VIDEO, as well as TONE to start Tone Generator



Integrated RJ45, RJ11, RJ12 and Coax F-Connector interfaces on top of unit

## MT902 | 2-in-1 Cable Identifier & DMM

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MT933

## CABLE LENGTH METER



The MT933 is a 60 000 count handheld battery operated metric cable length meter that quickly measures any reeled wire or cable up to 30 000m and with gauges ranging from 0.15mm<sup>2</sup> to 240mm<sup>2</sup>. Within seconds cables can be measured and digitally displayed without the cumbersome task of unrolling cable reels. All that is needed is accessibility to both cable ends. The MT933 can also be used as a precision milliohm meter.

The User Select Mode allows the user to save the resistance of a user wire for additional measurements of unknown lengths of the same wire gauge. In addition, it enables the user to accurately measure the length of standard gauge wire or cables. In this mode, the user can measure the length of any metal wire, resistance of which can be measured, as well as Copper or Aluminium cables. Temperature is also displayed on the large backlit LCD display. This instrument is very useful for Electrical Contractors, Utilities and Distributors for the control of inventories of cable.

### Features

- 60 000 count backlit LCD display
- Measure up to 30 000m
- 20 pre-set wire gauge settings 0.15mm<sup>2</sup> to 240mm<sup>2</sup>
- 8 memory locations in user select mode
- Automatic temperature compensation
- Measures Aluminium Al and Copper Cu cables and wire
- Measures and indicates Temperature
- User Calibration mode
- Measures in meters (m) and feet (ft)
- Kelvin clip test leads included
- Built-in buzzer
- Auto Power Off

Function	Range	Accuracy
Cable Length	0.1m to 30.00km	±(1% +1m)
	0.1ft to 100kft	±(1% +1ft)
Resistance	2000.0mΩ – 2000Ω	±(1.0% +3)
Temperature	-5°C to 50°C	±(2.0% +1.8°C)
Size	210 x 97 x 68mm	
Weight	634g	



MTC50

## 2-IN-1 LAN TESTER & DMM



The MTC50 is a 2-in-1 LAN tester and multimeter and is a newly designed and very practical tester that can easily read the correct pin configuration of 10/100 Base-T cable (Category 5), 10Base-2 cable (coax), RJ45/RJ11 modular cables, AT&T 258A, 356A, TIA 568A/568B and Token Ring cable by comparing one transmitting end to the corresponding receiving end.

With the remote kit test cables can be installed over long distances either on wall plates or patch panels. It is easy to verify the cable continuity, open, short and cross-connect. The auto range digital multimeter allows the user to measure AC and DC voltage, AC and DC current, Resistance, Continuity and Diode test.

### Features

- RJ45 and RJ11 modular connectors
- Tests CAT5 installations
- Remotely test cables 300m away
- Locked status wiring
- Digital Multimeter
- AC / DC V 600V
- Amps 200mA
- Resistance 20MΩ
- Diode Check
- Continuity
- 2000 Count LCD

Function	Range	Accuracy
DC Voltage	600V	±(1.0% +3)
AC Voltage	600V	±(1.0% +5)
DC Current	200.0mA	±(1.5% +3)
AC Current	200.0mA	±(1.8% +8)
Resistance	20MΩ	±(1.2% +3)
Digital Display	2000	
Overrange indication res.	less than 7.5MΩ VDC & less than 7.5MΩ VAC	
LAN Tester	RJ45 and RJ11 + BNC	
Size	162 x 74 x 43 mm	
Weight	308g	



MTC40

## TONE AND PROBE TESTER

The MTC40 Tone and Probe generator traces cables using a tone generator connected on one side and at the other end the probe. This tests even when cables are in a bundle. It is easily used to verify cable continuity, pair condition, line polarity and voltage in networking cabling systems for CAT5, coax and modular telephone lines.

### Features

- RJ11 modular connectors
- Built-in speaker on probe with sensitivity control
- Traces & identifies wires / cables in a bundle or group
- Insulated inductive probe tip prevents shorting conductors
- Tests include wire trace / continuity test clear / busy ringing line test and tip/ring identification

Function	Range
Tone and Probe	
Tester	Cable and Wire; RJ11
Tracing	Telephone, cable and wire
Enclosure	Moulded casing
Batteries	2 x 9V
Size	Probe 231 x 56 x 27mm Generator 59 x 59 x 34mm
Weight	270g



## CTRJ45 Modular Crimping Tool

The CTRJ45 is your all-in-one solution for seamless modular connector crimping! This versatile tool is designed to make your work easier and more efficient with its innovative features. The safety lock ensures secure crimping, and the crimp size switch screw allows easy adjustments for different terminal sizes like RJ45, RJ12, and RJ45 Perforation Blade. With an overall length of 140mm, the CTRJ45 offers a comfortable grip and precise control. Crimp with confidence using the dovetail clip crimper, which guarantees a reliable connection every time. Its wire cutter, specifically designed for perforation RJ45, saves you time and effort during installations.

### Features

- Modular Connector Terminal Crimp
- Crimp Dovetail Clip
- Crimp size switch screw
- Safety Lock
- **Terminal type:**  
RJ45, RJ12 and RJ45 Perforation Blade
- **Terminal sizes:** 8 Pin RJ45, 6 Pin RJ12
- **Terminal Type:** RJ45, RJ12 and RJ45 Perforation
- **Terminal Pins:** 8 Pin RJ45, 6 Pin RJ12
- **Terminal Crimp:** Modular Connector
- Overall Length: 140mm
- Release: Push the Lock Button
- Wire Cutter: Perforation RJ45
- Additional Dove Tail Clip Crimper



Product Code	Length	Pin
CTRJ45	140mm	6-8



Safety Lock



Dove Tail  
Clip Crimper



Wire Crimper  
Perforation Blade

CTRJ45 | Modular Connector Tool

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