More than just a wiremapper

VDV II

Voice, Data and Video Cable Verifier

VDV II

Voice, Data and Video
Cable Verifier

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The VDV II Series are easy to use cable testers that check the integrity of copper cables commonly found in residential, commercial or industrial voice, data or video installations, including telephone wiring, data network and video/security cabling.

Employing state-of-the-art technology, VDV II offers functionality not previously available in a wiremapper. The advanced wiremap engine accurately displays complex wiring faults instantaneously while the integrated TDR (Time Domain Reflectometry) simplifies troubleshooting and improves on-site productivity.

VDV II

Performs standard tests for copper cabling, including:

- Coax, 6 Pin (RJ11/12), 8 Pin (RJ45) Connectors for Copper Cable Testing
- Wiremap for Miswires, Split Pairs, Shorts, Opens, and Crossover (A/B) Cables
- Analog Tone Generator
- Voltage Protection
- Shielded Cable Testing
- Single Screen Results

VDV II Plus

All the features of the VDV II and:
- Larger 2.9″ Display
- Backlit
- Port Blink
- Cable Length
- Distance to Open
- Carry Case, Cables & Adapters

VDV II Pro

All the features of the VDV II Plus and...
- Distance to Open / Short (TDR)
- PoE Detection with Voltage Information
- Phone Service Detection (PBX, ISDN)
- Ethernet Detection with Network Speed and Duplex Information

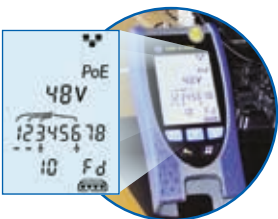
Wiremap with length

Accuracy

The flagship VDV II Pro utilizes a TDR to accurately measure cable length and provide distance to fault information. TDR's work by injecting a signal into the cable and measuring the time for any signal to be reflected back after encountering changes in impedance caused by cable damage, open and short circuits. The recorded time is then translated into an accurate distance measurement. TDR helps to pinpoint exactly where cabling faults occur. This speeds up fault finding as well as minimizing disruption and potential damage to fixtures and fixings.

Coax testing

Speed

With comprehensive details on faults such as opens, shorts, reverses, miswires and split pairs, VDV II identifies wiring errors instantly. The integrated RJ11/RJ12 (voice), RJ45 (data) and F-type (video) coax connectors allow faster testing of most types of low-voltage cables by eliminating the need for separate testers or adapters.

Service detection

Intelligence

Connection issues are not always associated with cable faults, so VDV II Pro has the capability to help identify service related issues. By detecting the presence of voltage and checking polarity, VDV II Pro quickly determines which type of media service is running over the cable, such as ISDN, PBX and PoE (Power over Ethernet) resulting in faster fault diagnosis. Troubleshooting active Ethernet networks is easy with in-built network detection that displays network speed and duplex information. Furthermore, to prevent potentially costly damage to the tester all VDV II's are designed to prevent damage when connected to live circuits for worry-free operation.

Multimedia Support

RJ45, RJ11/RJ12 and coax ports for wiremap verification of low voltage copper cables

TDR Length Testing and Troubleshooting

Pinpoints cable faults eliminating unnecessary guess work

Tone Generator

Ability to identify and trace cables with a compatible inductive tone probe (optional)

PoE Detection

PoE service detection with pin and voltage information

Storage and Protection of Remote Unit

Reduces the chance of losing or damaging the remote unit.

Cat 5, Cat 5e, Cat 6, Cat 6A, Cat 7, UTP and STP Testing

Support for all common LAN cables (TIA 568A/B wiring schemes)

Large Backlit Screen

Instantaneous, easy to read test results
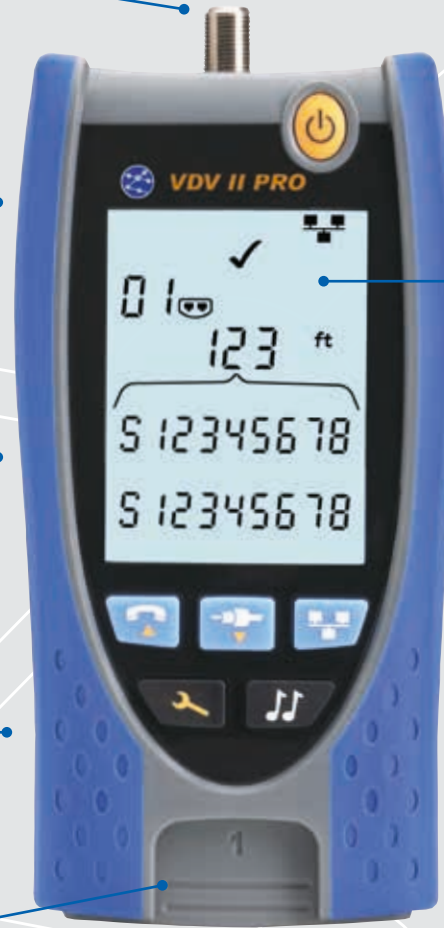
Phone Service Detection

Identifies analog (PBX) and digital (ISDN) telephone services

Ethernet Detection

Displays 10/100/1000 network speed and duplex information

Voltage Protection

Cable testing disabled if >2V of non-standard voltage is detected

Applications

VOICE
Support for 1, 2 or 3-pair RJ11/12 telephone cable testing

DATA
Testing of shielded and unshielded Cat 5/5e/6/6A/7 LAN cable

VIDEO
Tests coax cable through F-connector interface

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Ordering Information

VDV II Range

Part No.	Kit Contents
R158000	**VDV II** – Voice, Data and Video Cable Verifier. Includes 1 x tester, 1 x dual port remote unit, 1 x coax remote unit, 1 x alkaline battery, 1 x multi-language user guide.
R158002	**VDV II Plus** – Voice, Data and Video Cable Verifier. Includes 1 x tester, 1 x dual port remote unit, 1 x coax remote unit, 1 x alkaline battery, 1 x multi-language user guide, 2 x RJ45 to alligator clip cable 15", 2 x screened RJ45 to RJ45 cable 6", 2 x RJ11/12 to RJ11/12 cable 4", 1 x F-type plug to F-type plug cable 9", 1 x F-81 barrel splice, 1 x BNC female to F-type male adapter, 1 x BNC female to F-type female adapter, 1 x RCA female to F-type male adapter, 1 x RCA female to F-type female adapter, 1 x wallet wiring card, 1 x carry case.
R158003	**VDV II Pro** – Voice, Data and Video Cable Verifier. Includes 1 x tester, 1 x dual port remote unit, 1 x coax remote unit, 1 x alkaline battery, 1 x multi-language user guide, 2 x RJ45 to alligator clip cable 15", 2 x screened RJ45 to RJ45 cable 6", 2 x RJ12 to RJ12 cable 4", 1 x F-type plug to F-type plug cable 9", 1 x F-81 barrel splice, 1 x BNC female to F-type male adapter, 1 x BNC female to F-type female adapter, 1 x RCA female to F-type male adapter, 1 x RCA female to F-type female adapter, 1 x wallet wiring card, 1 x carry case.

Optional Accessories

Part No.	Kit Contents
158050	Kit of 12 x RJ45 remote units* (#1 - #12)
158051	Kit of 24 x RJ45 identifiers** (#1 - #24)
158053	Kit of 12 x coax remote units* (#1 - #12)
62-164	Amplifier Probe

* Separate numbered remotes allow faster pass/fail testing of multiple cables

** Numbered identifiers simplify cable and port identification at the patch panel

Basic Specifications

Dimensions (in)	Weight	Battery Type
6.3 x 3.0 x 1.4	.58 lb	9V alkaline. Typically 20 hours minimum continuous use (backlight off)

For detailed specifications, please visit our website.

CE

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