

Net Prowler™

Identify, Monitor & Test LAN Issues

Quick Start Guide

Port Discovery

IPV4 and IPV6 Protocols

Port Test/CDP/LLDP

VLAN Detection

Device Discovery

Ping IPV4, IPV6 and URL

CAT 3/5e/6/6a

Coax

Telephone Cable

TNP700

TNP850K1



PLATINUM®
TOOLS

Thank you for purchasing a Platinum Tools tester.

Before you start using it, make sure that you have the latest updates for your tester. Check the latest firmware version at our website www.platinumtools.com/testers. You can also download the companion software that allows you to name, save and print out your test results.

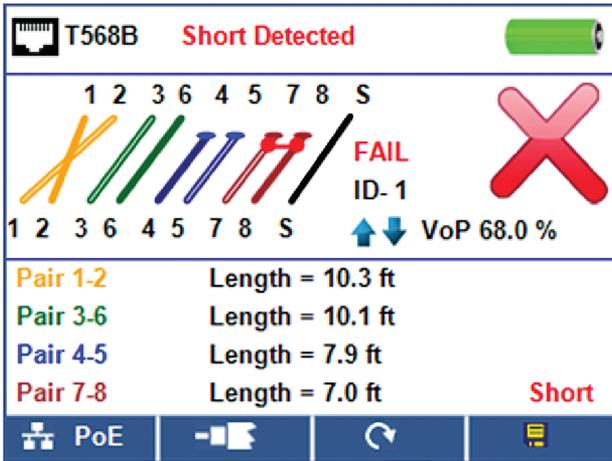
Please register your tester at www.platinumtools.com/warranty so we can send you future update notices for your tester.

Net Prowler™

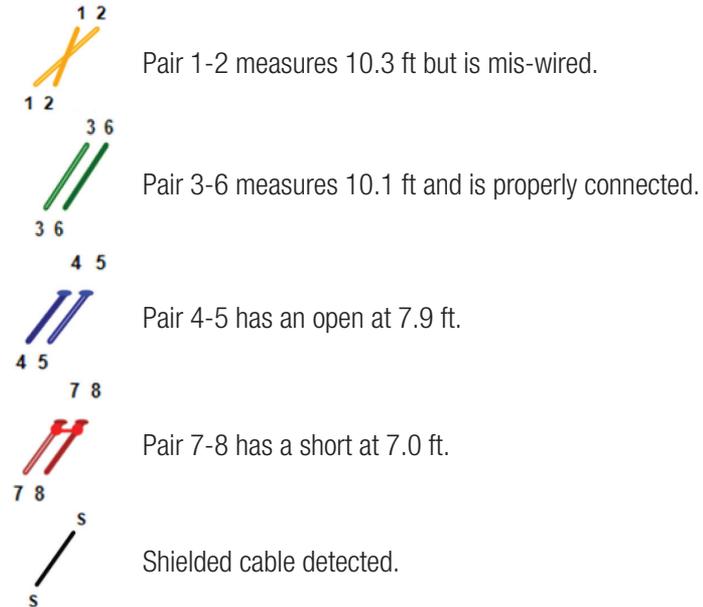
Identify, Monitor & Test LAN Issues



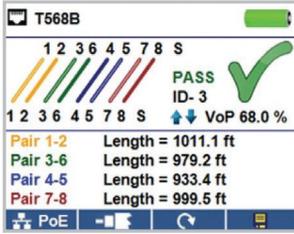
Net Prowler Graphic Report



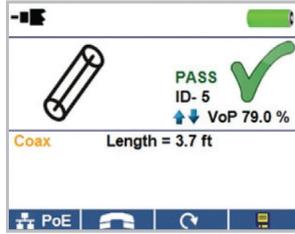
Legend



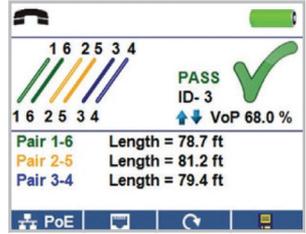
How to Perform a Cable Test



Network Cable Test



Coax Cable Test



Telephone Cable Test

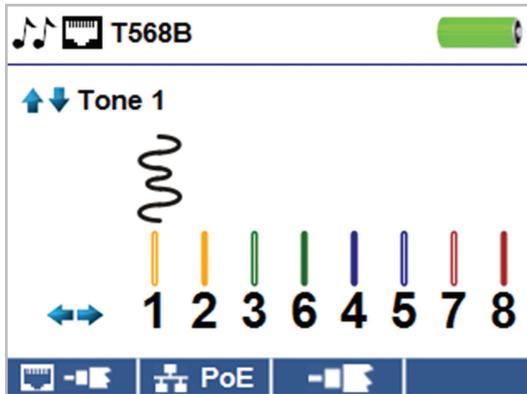
- Power on the Net Prowler. Connect a network, coax, or telephone cable to the appropriate connector on the top of the Net Prowler.



Warning! Do not plug an RJ11 cable directly into the Net Prowler! A standard RJ11 cable will damage the Net Prowler's RJ45 jack. Use the included RJ adapter patch cable that is included with the Net Prowler.

- Press the enter button to display the cable test menu. The Cable Prowler will automatically perform a test upon entering the cable test menu.
- To test coax or telephone cable, press the coax or telephone soft key  .
- If a remote is NOT being used (one ended test), the Net Prowler will test the length of each pair, opens, shorts, or split pairs. Performing a one ended test will not verify connectivity on the opposite end of the cable.
- If a remote is being used, connect the remote to the opposite end of the cable.
- To calibrate the VOP, connect a known length of cable to the Net Prowler and press the up/down/left/right buttons to increase or decrease the VOP. Press the left and right buttons to select and change the VOP one digit at a time.
- While adjusting the VOP, press the test button every so often until the length of the cable is displayed.
- Press the green test button  or the loop mode soft key  to perform additional tests.
- To save a cable test, press the save icon .
- Use the arrow buttons and the enter button to name the cable test file.
- Press the save icon to save the cable test file .

Tone Generator



- Power on the Net Prowler.
- Use the left or right arrow buttons to select the tone generator icon and press the enter button.
- The Net prowler will automatically activate the tone generator upon entering the tone generator menu.
- Connect your cable to either the RJ45 jack or coax connector located on the top of the Net Prowler.
- To switch between network and coax cables, press the coax cable/RJ45 soft key  / .
- Press the up or down arrow buttons to select tone cadences 1 thru 4.
- Press the left or right arrow buttons to select which pin or pair to place the tone.
- Use a tone probe alongside the cable or at the end of the cable to hear an audible tone.



Network / PoE Detection

- Power on the Net Prowler.
- Connect the Net Prowler to a switch or active network jack.
- Use the left or right arrow buttons to select the Network/PoE icon and press the enter button or press the Network/PoE soft key  .

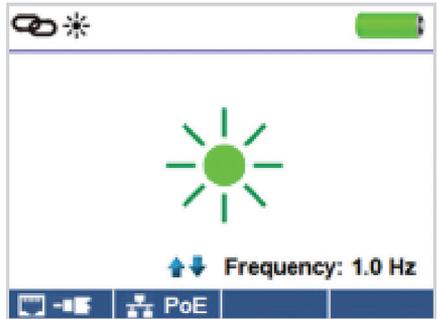


PoE 	
Link Capability	Link Flow Control
10Base-T	Full / Half Duplex
100Base-TX	Full / Half Duplex
Connected at	PoE A 12.95W Max
100 Base-TX	57.9 V Min Load
MDI FDX	56.5 V Max Load
	

- The Net Prowler will automatically detect and display link capability, connection speed, PoE class, and PoE Min/Max voltages.
- To perform a Network Test only, press the PoE soft key .
- To save the PoE data, press the Save soft key .
- Use the arrow buttons and the enter button to name the PoE file.
- Press the Save soft key to save the PoE file.

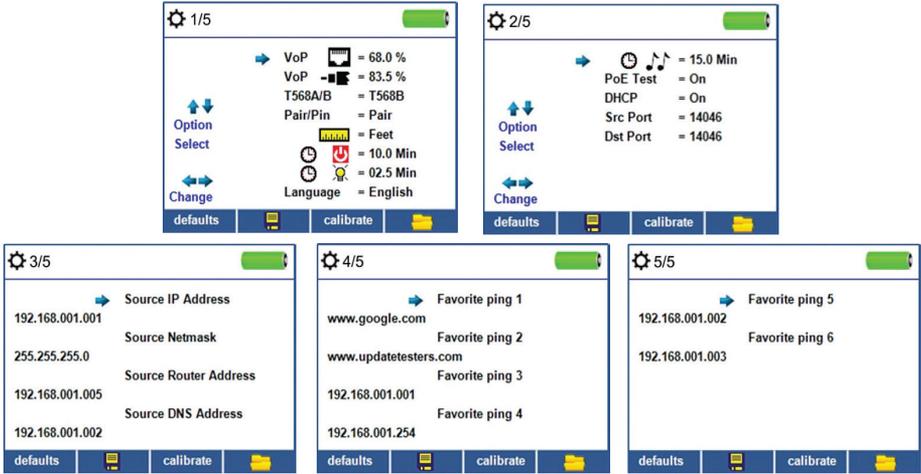
Link Light

- Power on the Net Prowler.
- Connect the Net Prowler to an active network cable or port.
- Press the Network/PoE soft key  **PoE** then press the Link Light soft key .



- The Link Light will automatically begin upon entering the Link Blink menu.
- The Link LED above the LCD screen will flash at the same cadence as the port light.
- Use the up and down arrows to adjust the transmit frequency to suit the switch characteristics

Setup



- From the main screen, press the “setup” soft key .
- Use the up and down buttons to navigate through the 5 settings pages.
- Use the left or right arrow buttons to select a setting then use the up and down arrow buttons to change the highlighted setting.
- Press the enter button  to accept your changes.
- Press the down arrow button to select a language (English, Spanish, Italian, French and German). Press the right arrow button to change the Language.
- To edit an IP address or Favorites, scroll to the desired IP or URL and press the right arrow button.
- Use the right arrow button to highlight a digit and the up and down buttons to change the digit.
- To enter or edit a URL, press the keypad  soft key then press the URL soft key .
- When finished editing an IP or URL address, press the “Done” soft key  to return to the setup screen.
- Press the Save soft key  to save your changes

How to Perform a Port Discovery Test

<p>✓ </p> <ul style="list-style-type: none"> ✓ DHCP Test ✓ Router Ping Test ✓ DNS local Test 127.0.0.1 ✓ DNS URL Test 74.119.235.124 ✓ Port Interface Name: gi4 <p>DHCP LLDP CDP </p>	<p>LLDP Search </p> <p>Chassis Interface Name (5): gi3 Subtype MAC address (4): E8:ED:F3:63:EB:A7 System Capabilities [Bridge] (0x0004) Enabled Capabilities [Bridge] (0x0004) Port VLAN Id Subtype (1) Port vlan id (PVID): 1</p> <p>DHCP LLDP CDP </p>	<p>CDP Search </p> <p>Port-ID: gi3 System Name: switch6eeba7 Device ID: switch6eeba7 Version: 1.3.0.62 Platform: Cisco SG300-10 (PID:SRW2008-K9)-VSD Capability: L2 Switch, IGMP snooping Native VLAN ID: 1</p> <p>DHCP LLDP CDP </p>
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Network/PoE Test

- Connect the Net Prowler to a switch or active network jack.
- From the home screen, use the right arrow button to select the Network/PoE icon and press the enter button or press the Network/POE soft key



- The Net Prowler will automatically detect and display link capability, connection speed, PoE mode and PoE Min/Max voltages.
- To perform a Network Test only, press the PoE off soft key .
- To save the PoE data, press the Save soft key .
- Use the arrow buttons and the enter button to name the PoE file.
- Press the Save soft key to save the PoE file .

Port Testing

- Connect the Net Prowler to a switch or active network jack.
- From the Network/PoE screen, press the Port test soft key .
- The Net Prowler will automatically perform a port test upon entering the Port Test screen.
- Select one of the following Port Test soft keys to perform a specific test:

- DHCP – Obtain Network IP address and DHCP information
- LLDP – View Link Layer Discovery Protocol supported switch information
- CDP – View advertised Cisco protocol information
- Link Light  – Flash the port LED on a hub, switch, or router to identify the port you are connected to

How to Perform a Device Discovery Test

Ping IPV4/IPV6

- Connect the Net Prowler to a switch, router, or active network jack.
- From the home screen, use the right arrow button to select the Network Discovery icon and press the enter button  or press the Network Discovery soft key .
- The Net Prowler will perform a DHCP test and obtain an IP address (to ping IPV6, press the IPV6 soft key).
- Press the ping soft key .
- Use the left and right arrows to highlight a digit. To change a digit, use the up and down arrows or press the keypad soft key  to use an alphanumeric keypad. To unselect the keypad, press the keypad soft key again.
- Press the test button to ping the IP address.



List

- Press the list soft key  to view discovered IP addresses and manually pinged IP addresses.
- To ping an IP address in the list, use the up and down buttons to navigate to the desired IP address and press the test button.

Favorites

- From the List screen, press the Favorites soft key  to ping from the favorites list.
- Use the up and down arrow buttons to scroll through the list.
- Press the test button  to select an IP or URL address. The Net Prowler will show the URL IP address obtained by the DNS server.
- Press the test button  again to ping the IP address.

IP Discovery

- From the Network Discovery screen, press the IP discovery soft key .
- The Net Prowler will scan the network and display IP addresses within a Network. The list will include device labels to the left of the IP addresses.
- Use the up and down arrow buttons to scroll through the IP list. Press the enter button  to view the MAC address associated with the selected IP address.

TCP/UDP Throughput Testing

- Please refer to the Net Prowler instruction manual for TCP/UDP throughput instructions.

Net Prowler Applications

See <http://www.platinumtools.com/testers> to install the application software with latest updates, and get the latest functionality from your Net Prowler.

User Manual

See <http://www.platinumtools.com/testers> to download the User Manual and learn more about Net Prowler and how to transfer your test results to your PC.



Net Prowler Kits



TNP700

- Net Prowler Main Unit
- #1-5 Coax ID and Test Remote Set
- #1-5 Data ID-only Remote Set
- F Female to F Female Adapter F81
- Network/Tel Testing & ID Remote #1
- No-Fault Cable – (2)
- Micro USB Cable
- Hanging Pouch
- Quick Start Guide
- User Manual (Online)
- Warranty Activation Card



TNP850K1

- Net Prowler Main Unit
- #1-8 Network/Tel Test and ID Smart Remotes
- #1-8 ID and Test Coax Remote Set
- #1-12 ID-only Data Remote Set
- Micro USB Cable
- No-Fault Cable – (2)
- RJ45 Port Saver
- RJ45 Alligator 12 Inch
- F Female to F Female Adapter F81 – (2)
- BNC Female to F Female Adapter
- BNC Female to F Male Adapter
- Durable Plastic Case
- Quick Start Guide
- User Manual (Online)
- Warranty Activation Card



For complete Net Prowler user manual, technical information and customer support, please visit www.platinumtools.com or send an email to info@platinumtools.com.