

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

TNP800

TNP850K1



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/softwaredownloads

You can also download the companion software that allows you to name, save, and print out your test results.

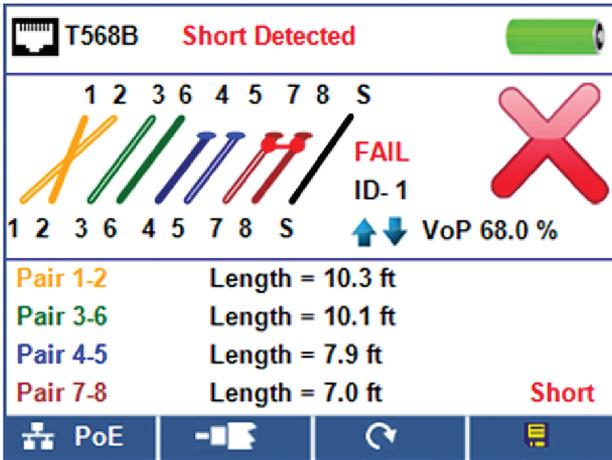
Please register your tester at www.platinumtools.com/warranty so we can send you future update notices for your tester.

Net Prowler™

Identify, Monitor & Test LAN Issues



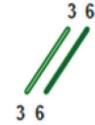
Net Prowler Graphic Report



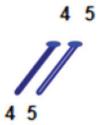
Legend



Pair 1-2 measures 10.3 ft but is mis-wired.



Pair 3-6 measures 10.1 ft and is properly connected.



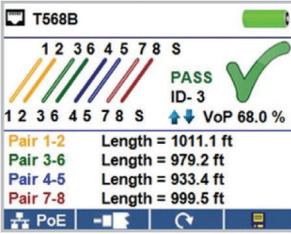
Pair 4-5 has an open at 7.9 ft.



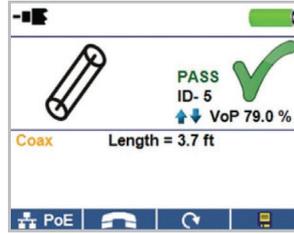
Pair 7-8 has a short at 7.0 ft.



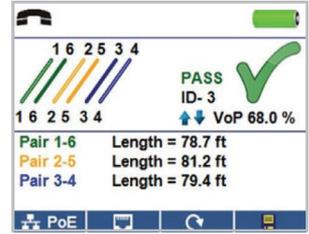
Shielded cable detected.



Network Cable Test



Coax Cable Test



Telephone Cable Test

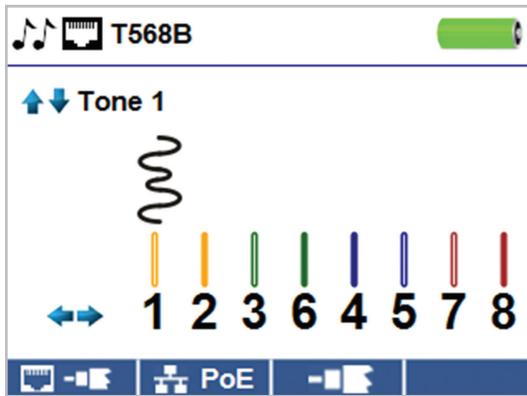
- Power on the Net Prowler. Connect a network, coax, or telephone cable to the appropriate connector on top of the Net Prowler



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.

- Press the enter button to display the cable test menu. The Net Prowler will automatically perform at test upon entering the cable test menu.
- To test coax or telephone cable, press the coax or telephone soft key.
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- 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 right arrow button to highlight a VoP digit, then press the up/down buttons to increase or decrease the value.
- While adjusting the VOP, press the test button every so often until the length of the cable is displayed.
- Press the green test button  of 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 a 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 one of four cadences.
- 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 produce 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  .

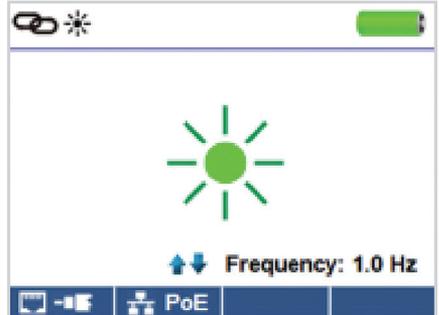


PoE 	
Link Capability	Link Flow Control
10Base-T	Full / Half Duplex
100Base-TX	Full / Half Duplex
Connected at	PoE A 12.95W Max
100 Base-TX	57.9 V Min Load
MDI FDX	56.5 V Max Load
	

- 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.

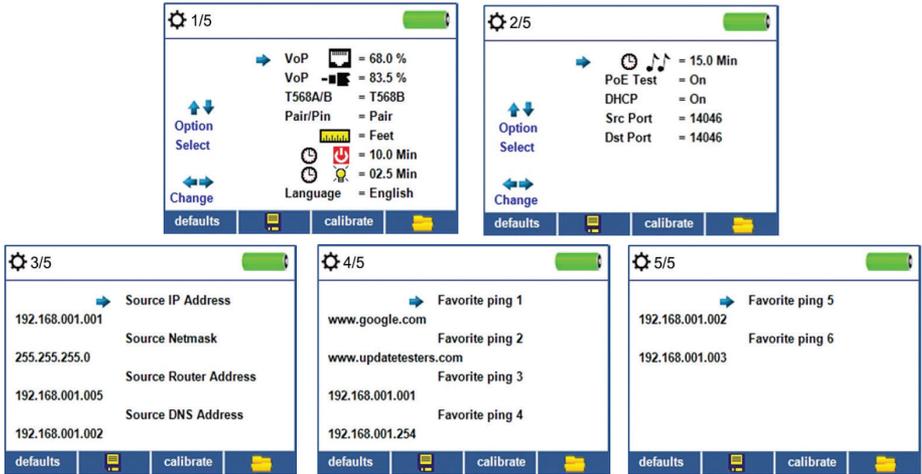
Link Light

- Power on the Net Prowler.
- Connect the Net Prowler to an active network cable or port.
- Press the Network/PoE soft key  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 link light cadence.

Setup



- From the main screen, press the “setup” soft key .
- Use the up and down buttons to navigate through the five settings pages.
- Use the left and 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

✓ 	LLDP Search 	CDP Search 
<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>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>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>
DHCP LLDP CDP 	DHCP LLDP CDP 	DHCP LLDP CDP 

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 hide 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 Subnet. The list will include advertised 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 Testing

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

Net Prowler Application

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

User Manual

See <https://www.platinumtools.com/softwaredownloads> 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
- Cable Tester Smart Remote, #1
- ID Only Coax Remotes, #1-5
- ID Only Network Remotes, #1-5
- F Connector Coupler F81
- No-Fault, RJ12 Cable (2)
- Micro USB Cable
- Alkaline AA Batteries
- Hanging Pouch



TNP800

- Net Prowler Main Unit
- Cable Tester Smart Remotes, #1-8
- ID Only Coax Remotes, #1-20
- ID Only Network Remotes, #1-20
- F Connector Coupler F81
- No-Fault, RJ12 Cable (2)
- Micro USB Cable
- Alkaline AA Batteries
- Large Shoulder Bag



TNP850K1

- Net Prowler Main Unit
- Cable Tester Smart Remotes, #1-8
- ID Only Coax Remotes, #1-8
- ID Only Network Remotes, #1-12
- Micro USB Cable
- Cable Assembly, RJ45 to Alligator Clip
- No-Fault, RJ12 Cable (2)
- RJ45 Port Saver
- F Connector Coupler F81 (2)
- BNC Adapter Kit
- Alkaline AA Batteries
- Durable Plastic Case



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

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