

## Net Prowler™

### NP700

- Net Prowler™ Main Unit
- Coax and Network Remote Set #1-5, F-Conn Coupler (Qty. 2) includes foam holder
- Network/Tel Testing and ID Remote #1
- RJ12 Cable Qty. 2
- Micro USB Cable
- Hanging T3 Pouch

### NP750

- Net Prowler™ Main Unit
- Coax and Network Remote Set: #1-5, F-Conn coupler includes foam holder
- #1-8 Network/Tel Testing and ID Remotes
- RJ12 Cable Qty. 2
- Micro USB Cable
- Large T3 Pouch

### NP800

- Net Prowler™ Main Unit
- #1-8 Network/Tel Testing and ID Remotes
- #1-20 Coax Remotes
- #1-20 Network Remotes
- RJ12 Cable Qty. 2
- Micro USB Cable
- Large T3 Pouch

## Product Kits



For complete Net Prowler™ user manual, technical information and customer support, please visit [www.t3innovation.com](http://www.t3innovation.com) or send an email to [support@t3innovation.com](mailto:support@t3innovation.com).

**Contact Numbers:** Phone: 805-233-3390  
Fax: 805-383-4507  
**Address:** 808 Calle Plano  
Camarillo, CA 93012



# Net Prowler™

Full Color Cable Testing  
& Report Management

## Quick Start Guide

### Port Discovery

IPV4 and IPV6 Protocols

Port Test/CDP/LLDP

VLAN detection

Device Discovery

Ping IPV4, IPV6 and URL

NP700

NP750

NP800

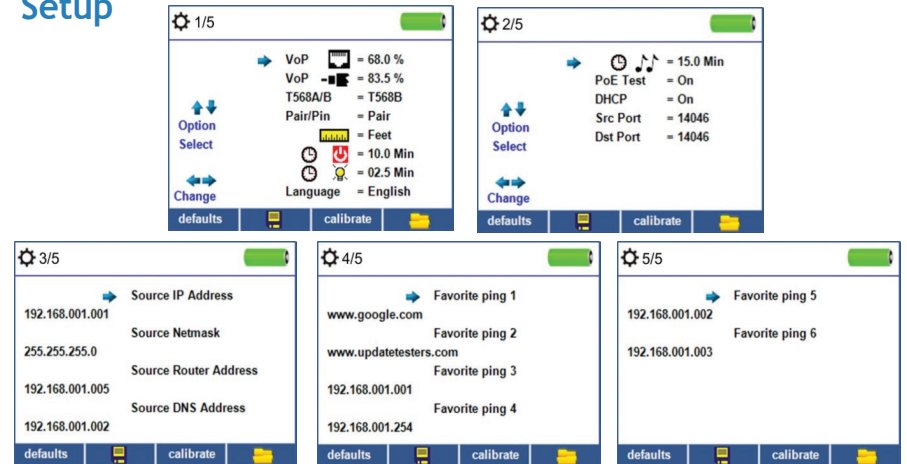


Made in USA

[www.T3Innovation.com](http://www.T3Innovation.com)

# Net Prowler™

## Setup

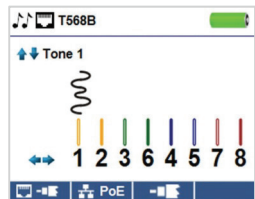






- From the main screen, press the “setup” soft key .
- Use the up and down buttons to navigate through the 5 settings pages.
- Use the left or right arrow buttons to select a setting then use the up and down arrow buttons to change the highlighted setting.
- Press the enter button to accept your changes.
- 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.

## Net Prowler™ Software Application

See <http://T3Innovation.com/downloads> to install Net Prowler™ software and learn how to transfer test results to your PC.

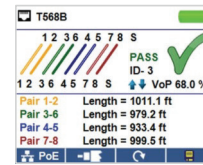
## ToneGenerator



- Power on the Net Prowler™.
- Press the enter button or cable test soft key .
- Press the Tone Generator soft key .
- 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 RJ45 and coax, press the coax cable soft key . Press the soft key again  to return to the RJ45 tone screen.
- 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 any tone probe alongside the cable or at the end of the cable to hear an audible tone.

## How to Perform a Cable Test

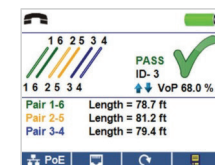
### Network Cable Test















### Coax Cable Test



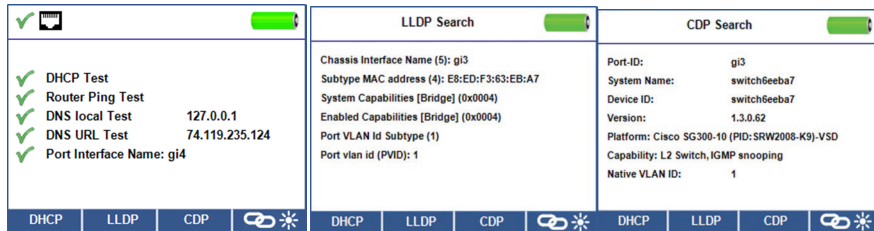
### Telephone Cable Test








(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 RJ adapter patch cable (CA012) that is included with the Net Prowler™.)

- Press the red power button  to turn the Net Prowler on.
- Connect a network cable to the Net Prowler then connect a Network/Telephone testing remote (P/N TT001) to the opposite end of the cable. From the home screen, press the enter button  or cable test soft key  to display the cable test menu. The Net Prowler™ will automatically perform a test upon entering the cable test menu.
- To test coax cable, connect a coax cable to the Net Prowler, then press the coax soft key .
- To test telephone cable, connect the Net Prowler to a telephone cable using the included RJ12 patch cable, press the coax soft key  then the 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.
- 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 until the desired length of the cable is displayed.
- To save the calibrated VOP, go to the Setup  and press the Save soft key  (note: your adjusted VoP will be displayed next to the RJ45 or Coax icon). See page 7 for Setup instructions.
- Press the green test button  or the loop mode soft key  to perform additional tests.
- To save a cable test, press the save soft key .
- Use the arrow buttons and the enter button to name the cable test file.
- Press the save soft key again to save the test file .



## How to Perform a Port Discovery Test



### 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.