

# Power Prowler™

3-In-1 DMM/TDR Cable Fault Finder  
for Energized and Unenergized Cables

## Quick Start Guide

600V CAT III

For Live  
Energized Cables

PLR600





DMM Meter Leads  
600V CAT III



Leader Cable:  
5 feet 600V CAT III



Flanged Crocodile Clips:  
red and black 600V CAT  
III UL/CSA



Dual Banana  
to BNC Female



BNC (M) to F  
Connection (F)

# Safety Information

To ensure safe operation of the Power Prowler™, follow the instructions carefully and observe the warning and caution messages listed below. Failure to observe warnings can result in severe injury or death and can damage the unit.

Notification	Definition
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The Power Prowler™ is designed for use on cabling systems with or without voltage.

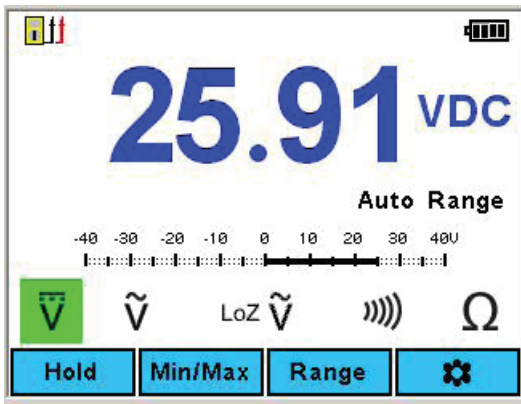
- The Voltage! Icon turns on when the voltage exceeds Safety Extra Low Voltage (SELV) rating of 60 Volts peak AC or DC max.
- Internal components are protected to 600 Volts RMS peak AC or DC max.
- Operating the Power Prowler when a voltage source exceeds 600 Volts RMS peak AC or DC max may damage the unit and pose a safety hazard for the user.
- Do not use the Power Prowler or cables if they appear damaged or the unit is not working properly.
- Verify the Power Prowler's operation by testing a known voltage.
- Do not use with voltages higher than the Power Prowler's rated voltage (600V).
- When connecting to energized cabling use appropriate accessories that meet or exceed the cables voltages.
- Use with caution with voltages greater than 30V AC RMS, 42V AC peak, or 60V DC.
- Disconnect circuit power and discharge high-voltage capacitors when testing capacitance, continuity, diodes, or resistance.
- Do not use around explosive or flammable gas.
- Use only test leads approved by a safety agency and that have the same voltage, amperage, and category as the Power Prowler.
- Before opening the battery door, remove any connected adapters and cables.
- Always wear personal protective equipment when working with the Power Prowler.





*It is recommended to use caution when handling the probes and cable connections on the Power Prowler™ when the Voltage! Icon is present.*



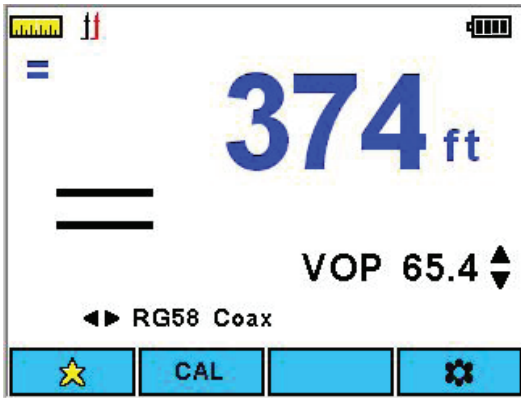
Do not place equipment and its accessories in the trash. Items must be properly disposed in accordance with local regulations.








# Digital Multi Meter (DMM)





- Power on the Power Prowler.
- Use the left or right arrow buttons to highlight the DMM icon, then press enter or use the DMM soft key .
- Use the left and right arrow buttons to select VDC, VAC, LoZ VAC, Continuity, or Ohms.
- Press the Hold soft key  to keep the displayed value on the screen.
- Press the Range soft key  to manually select the range to be measured.
- To view the minimum and maximum measurements for AC and DC voltages, select the Min/Max soft key .


# How to Perform a Fault Location Test



- Power on the Power Prowler.
- Connect the proper adapter to the Power Prowler, then connect to the cable under test.
- Select the Fault location icon using the right arrow button, then press the enter button or press the ruler icon soft key .
- Use the left or right arrow buttons to scroll to the cable type to be tested.
  - » To edit an existing cable VOP, use the up and down arrows to change the VOP. Once the desired VOP is displayed, press the save soft key.   
To cancel, press the cancel soft key , or use the back arrow soft key  to return to the test screen without saving the adjusted VOP. To restore the default VOP, press the default soft key.
  - » If the cable type is not listed, but the VOP is known, press the star soft key  to add a custom cable type.
  - » If the VOP is not known, connect to a known length of the same cable type. Select the CAL soft key  and adjust the length by pressing the up/down arrows or press the soft keys under +50ft and -50ft until the length of the cable is displayed. Press the test button  to discover the VOP or press the cancel soft key to cancel.

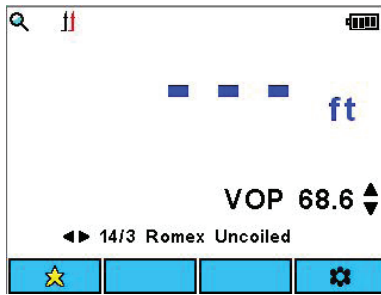
## How to Perform a Fault Location Test (Cont'd)


Note: See Power Prowler Settings for instructions on how to select if a leader cable is or is not being used. The leader cable icon is displayed on the top left of the screen when the leader cable is in use.  


- Press the test button  to perform a Fault Location Test. The graphic on the left side of the screen will indicate if there is an open or a short condition.





## How to Perform a Live Event Detection Test

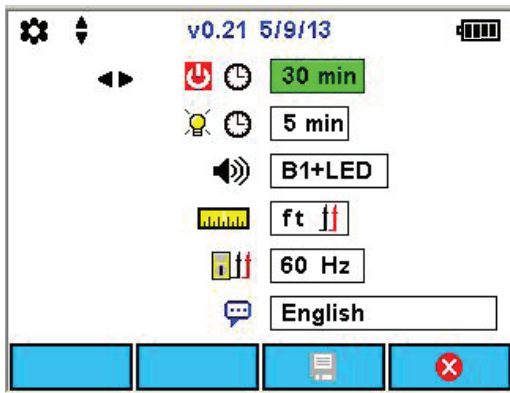







- Power on the Power Prowler.
- Connect the proper adapter to the Power Prowler, then connect to the cable under test.
- Use the right arrow button to scroll to the Live Event Detection icon then press the enter button or press the Live Event Detection soft key .
- Select cable type or edit VOP (refer to Fault Location instructions).

Note: See Power Prowler Settings for instructions on how to select if a leader cable is or is not being used. The leader cable icon is displayed on the top left of the screen when the leader cable is in use. 

- Press the test button  to begin the test.
- The Power Prowler will detect any changes to the cable (change in length, open, or short condition). The Power Prowler will stop the test when a change in the cable condition is detected. The graphic on the left side of the screen will indicate if the change is an open or short condition.
- To stop the test, press the cancel soft key .

# Power Prowler Settings



- Power on the Power Prowler.
  - Press the settings soft key  to enter the Power Prowler settings menu.
  - Use the up and down arrows to select a setting.
  - Use the left and right arrows to adjust the selected setting.
  - Press the save soft key  to save any edited settings.
  - Press the cancel soft icon  to cancel and exit the settings menu.
- » To select ft/m and Leader/No Leader, use the up or down buttons to highlight the ft/m option  | ft | . Use the left or right buttons to select the desired option.

*For additional instructions please visit [www.t3innovation.com/powerprowler](http://www.t3innovation.com/powerprowler) to download the Power Prowler instruction manual.*



**PLR600**

- Power Prowler Main Unit
- DMM Meter Leads 600V CAT III
- Leader Cable: 5 feet 600V CAT III
- Flanged Crocodile Clips:
  - red and black 600V CAT III
- BNC (F) to Double Banana Plug
- BNC (M) to F Connection (F)
- Hanging T3 Pouch

## Optional Accessories

Part Number	Description
CA009	Cable Assembly, Power Cord to 3 Banana Plugs 300V
AD006	Multi-pin Adapter 1000V CAT III
CA002	BNC (M) to Alligator Clips

For complete Power 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).

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