

Power Probe PPFL101CS

Power Probe Flashlight - Red (PPFL101CS) User Manual

Model: PPFL101CS | Brand: Power Probe

Overview	Features	What's in the Box	Setup	Operation	Maintenance	Troubleshooting
		Specifications		Warranty & Support		

1. Overview

The Power Probe PPFL101CS Flashlight is a compact and powerful illumination tool designed for demanding environments. It features an 800 lumen output LED bulb, a 4-mode tail switch, and a durable, waterproof aluminum housing. This rechargeable flashlight is engineered for reliability and extended use, making it suitable for various professional and personal applications.





Figure 1: Power Probe PPFL101CS Flashlight in its retail packaging.

2. Product Features

- **800 Lumen High Output:** Provides powerful illumination for various tasks.
- **4-Mode Tail Switch:** Easily cycle through High, Medium, Low, and Strobe light settings.
- **IPX7 Waterproof:** Designed to withstand immersion in water up to 1 meter depth.
- **Heavy Duty Aluminum Housing:** Ensures durability and a comfortable ergonomic grip.
- **Rechargeable Battery:** Utilizes a replaceable Lithium-Ion battery for convenient power.
- **USB Charging:** Recharge the flashlight using the included micro USB cable.
- **IC Regulated Output:** Maintains constant brightness even as the battery level decreases.



POWER PROBE FLASHLIGHT

OVERVIEW

The Power Probe Flashlight illuminates any work area with its 800 Lumen output. The rear tail switch allows for 4 different modes (High, Medium, Low, Strobe) in any situation. Its IPx7 Waterproof rating and aluminum housing allows the tool to be submersible and withstand abuse. The Flashlight can be charged using the supplied micro USB Cable.



[FEATURES]

CREE XM-L2 LED Bulb (800 Lumens)

4 mode tail switch

IPx7 waterproof

Heavy duty aluminum housing provides durability and ergonomic feel

Rechargeable battery can be replaced for quick power when needed

Can be charged using supplied micro USB cable

PPFL101CS



PPFL103CS

INCLUDES

FLASHLIGHT
SMART POWER CELL [PPFL01]
USB CHARGING CABLE [PPFL04]

Figure 2: Key features of the Power Probe Flashlight.

3. What's in the Box

Upon opening the package, ensure all components are present:

- Power Probe Palm Sized ANSIFL-1 800 Lumen Output Flashlight (PPFL101CS)
- USB Charging Cable
- Rechargeable Lithium-Ion Battery (pre-installed or separate)



Figure 3: Power Probe PPFL101CS Flashlight and included accessories.

4. Setup

4.1 Battery Installation

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert the 18650 Lithium-Ion rechargeable battery with the positive (+) end facing towards the flashlight head.
3. Screw the tail cap back on clockwise until it is securely tightened.

4.2 Initial Charging

Before first use, fully charge the flashlight battery.

1. Locate the USB charging port on the flashlight (typically under a protective cover near the tail cap).
2. Connect the included micro USB cable to the flashlight's charging port.
3. Connect the other end of the USB cable to a compatible USB power source (e.g., wall adapter, computer USB port).
4. A charging indicator light (usually red) will illuminate. It will typically change color (e.g., green or off) when charging is complete.
5. Disconnect the USB cable once fully charged.

Your browser does not support the video tag.

Video 1: Demonstrates the features and charging process of the Power Probe Flashlight. This video shows how to operate the tail switch for different modes and how to connect the USB charging cable.

5. Operating Instructions

The Power Probe Flashlight features a single tail switch for controlling power and light modes.

1. **Power On/Off:** Press the tail switch firmly until it clicks to turn the flashlight ON or OFF.

2. **Mode Selection:** With the flashlight ON, lightly press the tail switch (without clicking) to cycle through the different light modes:
- First press: High setting (800 lumens)
 - Second press: Medium setting (400 lumens)
 - Third press: Low setting (40 lumens)
 - Fourth press: Strobe mode (flashing)
3. After cycling through Strobe mode, the next light press will return to the High setting.

6. Maintenance

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:**
 - Charge the battery regularly, even if not in frequent use, to maintain battery health.
 - Avoid fully discharging the battery for extended periods.
 - If the flashlight will not be used for a long time, remove the battery to prevent potential leakage.
 - Replace the battery if you notice a significant decrease in run time or brightness.
- **Waterproof Seals:** Periodically inspect the O-rings and seals for any signs of wear or damage. Ensure they are clean and properly seated to maintain the IPX7 waterproof rating.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures.

7. Troubleshooting

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is dead or incorrectly installed.	Charge the battery or ensure it is installed with the correct polarity.
Light is dim or flickers.	Low battery charge or loose connection.	Recharge the battery. Ensure the tail cap is tightened securely.
Cannot change light modes.	Tail switch not being pressed lightly enough, or switch malfunction.	Ensure you are lightly pressing the tail switch without fully clicking it. If problem persists, contact support.
Water ingress after exposure.	Damaged or improperly seated O-rings/seals.	Inspect and clean O-rings. Ensure tail cap is fully tightened. Replace O-rings if damaged.

8. Specifications

Feature	Detail
Model Number	PPFL101CS
Light Source Type	LED (Cree XM-L2 High efficiency)
Brightness	800 Lumens (High)

Feature	Detail
Power Source	Battery Powered
Battery Type	18650 Lithium-Ion Rechargeable (3.7V 2600mAh)
Run Time (High)	Up to 4 hours
Run Time (Low)	Up to 50 hours
Material	Heavy Duty Anodized Aluminum Housing
Water Resistance Level	IPX7 (Waterproof up to 1 meter depth)
Drop Resistance	1 meter
Color	Red
Item Weight	1.6 ounces (approx. 0.44 lbs)
Product Dimensions	5.47 x 1.30 inches (approx. 10.25 x 6 x 2 inches packaged)

9. Warranty and Support

For warranty information, technical support, or to view additional product videos and FAQs, please visit the official Power Probe website.

Official Website: [PowerProbe.com](https://www.powerprobe.com)

Please retain your proof of purchase for any warranty claims.


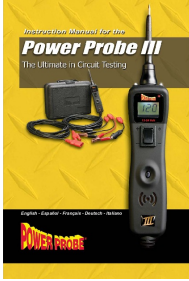


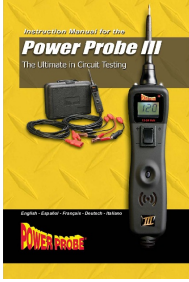
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Related Documents - PPFL101CS



[Power Probe III S Instruction Manual: Ultimate Circuit Testing](#)

Comprehensive instruction manual for the Power Probe III S (PP3S), detailing its features for diagnosing 12-24V automotive electrical systems, including hook-up, self-testing, voltage and polarity testing, continuity checks, component activation, troubleshooting short circuits, and advanced operational modes.

	<p>Power Probe PPDRAW Draw Monitor User Manual & Specifications</p> <p>Comprehensive user manual for the Power Probe PPDRAW Draw Monitor, covering functions, operation, troubleshooting, specifications, and warranty. Includes details on voltage monitoring, leakage current, and backup power supply features.</p>
	<p>Power Probe III Instruction Manual - Ultimate Circuit Testing Tool</p> <p>Comprehensive instruction manual for the Power Probe III (PP3), a 12-24 volt automotive circuit tester. Covers hook-up, self-test, voltage and polarity testing, continuity checks, activating electrical components, locating short circuits, advanced diagnostic modes, technical specifications, and rocker switch replacement.</p>
	<p>Power Probe OBD-II Break Out Box User Manual</p> <p>User manual for the Power Probe OBD-II Break Out Box, detailing its purpose, specifications, operation, and warranty information. This tool tests vehicle diagnostic link connectors (OBD ports) for abnormalities and monitors communication signals.</p>
	<p>Power Probe PPPWM Pulse Width Modulation Drive Adaptor User Manual</p> <p>User manual for the Power Probe PPPWM Pulse Width Modulation Drive Adaptor, detailing its specifications, usage, safety precautions, and warnings for automotive diagnostic applications.</p>
	<p>Power Probe III Instruction Manual: Automotive Circuit Testing Guide</p> <p>Comprehensive instruction manual for the Power Probe III (PP3), detailing its features, hook-up procedures, various testing modes (voltage, polarity, continuity, short circuit detection), specifications, and troubleshooting for automotive electrical systems. Includes guidance for professional automotive technicians.</p>