

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Cyclops](#) /

› [Cyclops CYC-VB250NC Hunting Varmint Light Kit Instruction Manual](#)

Cyclops CYC-VB250NC

Cyclops CYC-VB250NC Hunting Varmint Light Kit

Instruction Manual

1. INTRODUCTION

The Cyclops CYC-VB250NC Hunting Varmint Light Kit is a high-output green LED flashlight designed for enhanced visibility during hunting and night observation. This kit provides a powerful 250 lumen green light with a long-range beam, along with versatile mounting options for various applications. This manual will guide you through the proper setup, operation, and maintenance of your Varmint Light Kit.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 250 Lumen Green LED Flashlight
- Rechargeable 3.7V 2600 mAh Battery (1 included)
- A/C Charger
- Car Charger
- BRQ Scope Rail Mount Adapter
- Quick Detach 16mm Weaver-Style Adjustable Ring
- Tactical Rail Cap with Pressure Switch
- Push Button On/Off Cap Switch



3. SPECIFICATIONS

Light Output	250 Lumens
Light Source Type	Green LED
Range	220 Yards
Battery Type	Rechargeable 3.7V 2600 mAh NiMH
Battery Burn Time (Green Light)	3-4 Hours
Material	Aviation Grade Aluminum
Model Number	CYC-VB250NC
Item Weight	1.92 pounds
Water Resistance Level	Not Water Resistant

4. SETUP INSTRUCTIONS

4.1 Battery Installation and Charging

1. Unscrew the tail cap of the flashlight.
2. Insert the provided 3.7V 2600 mAh rechargeable battery with the positive (+) end facing towards the flashlight head.
3. Screw the tail cap back on securely.
4. To charge the battery, place it into the provided battery charger. Connect the A/C charger to a standard wall outlet or the car charger to a vehicle's 12V accessory port.
5. Ensure the charging indicator light on the charger confirms charging is in progress. Charge until the indicator shows a full charge.

4.2 Mounting Options

The kit includes multiple options for mounting the flashlight to your equipment.

- **Picatinny Rail Mount:** Use the included mounts to attach the flashlight directly to a Picatinny rail. Secure the flashlight firmly using the provided screws or quick-detach mechanism.
- **Scope Rail Mount:** Utilize the BRQ Scope Rail Mount Adapter and the 16mm Weaver-Style Adjustable Ring to attach the flashlight to your scope. Adjust the ring for a secure fit and tighten all fasteners.



Image: Varmint Light Kit mounted on a rifle scope.



Image: Varmint Light Kit mounted on a bipod or tripod.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

The flashlight can be operated using two different tail caps:

- **Push Button On/Off Cap Switch:** Press the button on the tail cap once to turn the flashlight on. Press it again to turn the flashlight off.
- **Tactical Rail Cap with Pressure Switch:** Replace the standard tail cap with the tactical rail cap. Connect the pressure switch. Press and hold the pressure switch for momentary on. Release to turn off. A full click on the pressure switch may provide constant on/off functionality depending on the specific switch model.

5.2 Green LED Light

The flashlight emits a 250 lumen green LED light. This specific wavelength of green light is less likely to spook animals during night observation and hunting, making it ideal for varmint control.



Image: Green beam of light from the flashlight.

6. MAINTENANCE

6.1 Battery Care

- Always use the provided chargers for the rechargeable battery.
- Do not overcharge or completely drain the battery, as this can reduce its lifespan.
- Store batteries in a cool, dry place when not in use.
- If the flashlight will not be used for an extended period, remove the battery to prevent leakage.

6.2 Cleaning

- Wipe the flashlight body with a soft, damp cloth to remove dirt and debris.
- Clean the lens with a soft, lint-free cloth to maintain optimal light output. Avoid abrasive materials.
- Ensure all components are dry before storage.

7. TROUBLESHOOTING

- **Light does not turn on:**

- Ensure the battery is correctly installed with the positive end facing forward.
- Check if the battery is charged. Recharge if necessary.
- Verify that the tail cap is screwed on tightly.

- **Light is dim or flickers:**

- The battery may be low. Recharge the battery.
- Ensure battery contacts are clean and free of corrosion.

- **Mounting issues:**

- Ensure all screws and rings are tightened securely to prevent movement during use.
- Confirm compatibility with your specific rail or scope diameter.

8. SAFETY INFORMATION

- Do not look directly into the LED light, as it can cause temporary vision impairment.
- Keep the flashlight and its components out of reach of children.
- Do not attempt to disassemble or modify the flashlight, as this may void the warranty and cause damage.
- Use only the specified rechargeable battery and chargers provided with the kit.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

9. WARRANTY AND SUPPORT

Warranty information for this product is not explicitly provided in the available product data. For specific warranty details or technical support, please contact Cyclops customer service directly. Refer to the official Cyclops website for contact information.