

Pulsar Thermion 2 LRF XL60

Pulsar Thermion 2 LRF XL60 Night Vision Riflescope User Manual

Model: Thermion 2 LRF XL60

INTRODUCTION

This manual provides essential information for the safe and effective use of your Pulsar Thermion 2 LRF XL60 Night Vision Riflescope. This advanced thermal riflescope features high base magnification, 60mm long-range optics, a 2560x2560 Micro-OLED display, and an integrated laser rangefinder. Please read these instructions thoroughly before operating the device.

WHAT'S IN THE BOX

Upon unpacking, ensure all items are present:

- Pulsar Thermion 2 LRF XL60 Night Vision Riflescope
- Rechargeable Battery Pack
- Charger
- USB cable
- Carrying case
- Lens-cleaning cloth
- Quick User Manual
- Warranty card

SETUP

1. Battery Installation

Locate the battery compartment, typically on the side or top of the riflescope. Insert the rechargeable battery pack, ensuring correct polarity. Close the compartment securely. Charge the battery fully before first use using the provided charger and USB cable.

2. Mounting the Riflescope

The Thermion 2 LRF XL60 is compatible with Picatinny and Weaver mounts. Securely attach the riflescope to your rifle using appropriate mounting rings (not included). Ensure proper eye relief (65mm recommended) and alignment for comfortable and safe viewing.



Figure 1: Front-side view of the Pulsar Thermion 2 LRF XL60, showing the objective lens and laser rangefinder module.

3. Initial Power On and Focus Adjustment

Press and hold the power button (refer to Figure 2 for location) until the display activates. Adjust the diopter on the eyepiece for a sharp reticle image. Then, adjust the objective lens focus ring until the observed image is clear and sharp.



Figure 2: Side view of the riflescope, highlighting control buttons and adjustment turrets.

OPERATING INSTRUCTIONS

1. Power On/Off

- **To Power On:** Press and hold the power button for approximately 3 seconds.
- **To Power Off:** Press and hold the power button until the device shuts down.

2. Basic Observation

Once powered on, the Micro-OLED display will show the thermal image. Use the magnification controls (typically buttons or a rotary encoder) to adjust the zoom level. The device offers high base magnification and digital zoom capabilities.

3. Using the Laser Rangefinder (LRF)

Activate the laser rangefinder by pressing its dedicated button. Aim the reticle at the target, and the distance measurement will appear on the display. The LRF provides precise distance measurements for enhanced accuracy.

4. Photo and Video Recording

The riflescope features built-in photo and video recording with 64GB internal memory. Use the designated record button to capture images or start/stop video recording. Captured media can be reviewed directly on the device or transferred via USB.

5. Display Modes and Color Palettes

Access the menu to select different display modes and color palettes. These options can enhance target detection and viewing comfort in various environmental conditions. A green color palette option is available for specific preferences.

MAINTENANCE

1. Cleaning

- **Lenses:** Use the provided lens-cleaning cloth to gently wipe the objective and eyepiece lenses. Avoid abrasive materials or excessive force.
- **Body:** Wipe the riflescope body with a soft, damp cloth. Do not use harsh chemicals or solvents.

2. Battery Care

Store the rechargeable battery pack in a cool, dry place. For long-term storage, ensure the battery is partially charged (around 50%). Avoid fully discharging the battery for extended periods.

3. Storage

When not in use, store the riflescope in its carrying case to protect it from dust, moisture, and physical damage. Ensure the device is powered off before storage.

4. Waterproofing

The device is IPX7 waterproof rated, meaning it can withstand immersion in water up to 1 meter for 30 minutes. Ensure all caps and covers are securely closed before exposing the device to wet environments.

TROUBLESHOOTING

If you encounter issues with your Pulsar Thermion 2 LRF XL60, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on	Low or uncharged battery; incorrect battery installation	Charge the battery fully. Ensure the battery is correctly inserted.
Image is blurry or out of focus	Improper focus adjustment	Adjust the diopter for reticle sharpness, then adjust the objective lens for image clarity.

Problem	Possible Cause	Solution
Laser Rangefinder not working	Obstruction; LRF module error	Ensure the LRF emitter/receiver is clear. If the issue persists, contact support.
Cannot record photos/videos	Memory full; software issue	Transfer or delete old files to free up memory. Restart the device.

SPECIFICATIONS

Key technical specifications for the Pulsar Thermion 2 LRF XL60:

- **Brand:** Pulsar
- **Model Name:** Thermion 2 LRF
- **Color:** XL60- 1024x768 12µm
- **Product Dimensions (L x W x H):** 17.4" x 3.3" x 3.9"
- **Item Weight:** 2.6 Pounds
- **Material:** Magnesium Alloy
- **Eye Relief:** 65 Millimeters
- **Night Vision:** Yes
- **Mounting Type:** Picatinny Mount, Weaver Mount
- **Display:** 2560x2560 Micro-OLED
- **Internal Memory:** 64GB
- **Waterproof Rating:** IPX7
- **UPC:** 840284902078
- **Model Number:** PL76575

WARRANTY

The Pulsar Thermion 2 LRF XL60 comes with a **5 Year Limited Warranty**. Please refer to the included Warranty card for full terms and conditions regarding coverage and claims. Retain your proof of purchase for warranty service.

SUPPORT

For further assistance, technical support, or service inquiries, please contact Pulsar customer support. Refer to the contact information provided in your Quick User Manual or on the official Pulsar website. Ensure you have your model number (PL76575) and serial number ready when contacting support.

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