Pulsar Talion Pro (PL76566U)

Pulsar Talion Pro XQ35 Thermal Riflescope User Manual

Model: Talion Pro (PL76566U)

1. Introduction and Overview

The Pulsar Talion Pro XQ35 is a high-performance thermal riflescope designed for detailed thermal signature detection in various conditions. It features advanced imaging capabilities, robust construction, and versatile aiming options, making it suitable for demanding outdoor applications.



Figure 1.1: The Pulsar Talion Pro XQ35 Thermal Riflescope with its rechargeable APS5 battery pack shown detached for clarity.

Key features include a 384x288 microbolometer sensor with <25mK NETD for enhanced detail, a detection range of up to 1475 yards, and a variable magnification of 2.5-10x. The device supports built-in photo and video recording, Wi-Fi integration with the Stream Vision 2 application, and offers up to 9 hours of operation on a single battery charge. Its magnesium alloy housing provides an IPX7 waterproof rating and recoil resistance up to 12 gauge, 9.3x64, and .375 H&H calibers.

2. Package Contents

Verify that all items listed below are present in your product package:

- Thermal Imaging Riflescope
- Mount
- Rechargeable APS5 Battery Pack
- APS Battery Charger
- USB Cable
- Carrying Case
- Lens-Cleaning Cloth
- Quick User Manual (this document)
- Warranty Card

3. Setup

3.1. Battery Installation and Charging

Before initial use, fully charge the APS5 Battery Pack. Connect the APS battery charger to a power source using the provided USB cable. Insert the APS5 Battery Pack into the charger. The charging indicator will show the charging status. Once fully charged, insert the battery pack into the designated compartment on the riflescope, ensuring it clicks securely into place.

3.2. Mounting the Riflescope

The Talion Pro XQ35 features a multi-point prism mount for precise positioning. Attach the riflescope to your firearm's rail system using the provided mount. Ensure the mount is securely fastened to prevent movement during use. Refer to the mount's specific instructions for detailed installation steps and torque specifications.

4. Operating Instructions

4.1. Power On/Off

To power on the device, press and hold the power button located on the control panel until the Pulsar logo appears on the display. To power off, press and hold the power button again until the display shuts down.

4.2. Basic Navigation and Menu

The Talion Pro XQ35 features an intuitive control panel. Use the directional buttons and the central 'Menu' button to navigate through the device's settings and options. The main menu allows access to various functions such as image modes, reticle selection, and recording settings.



Figure 4.1: Example of the Talion Pro XQ35's on-screen menu, showing options for user mode, image settings, and connectivity.

4.3. Imaging and Recording

The riflescope is equipped with built-in photo and video recording capabilities. Press the dedicated record button to start/stop video recording or to capture a still image. Recorded media is stored internally and can be accessed via the device's menu or by connecting to a computer.

4.4. Reticle Options and Picture-in-Picture

The Talion offers a selection of ten reticle shapes in nine color modes, allowing customization for different scenarios. The Picture-in-Picture (PiP) mode provides a magnified image of the target area in a small window on the display, enabling precision aiming while maintaining a wide field of view.

4.5. Wi-Fi and Stream Vision 2 Application

The device features Wi-Fi integration, allowing connection to the Stream Vision 2 application on compatible smartphones or tablets. This application enables remote control of the riflescope, live streaming of thermal imagery, and transfer of recorded photos and videos.

5. Maintenance

5.1. Cleaning

Use the provided lens-cleaning cloth to gently wipe the objective lens and eyepiece. For stubborn dirt, a small amount of lens cleaning fluid designed for optics can be applied to the cloth. Do not use abrasive materials or harsh chemicals. Keep the device free from dust and debris.

5.2. Storage

When not in use, store the riflescope in its carrying case in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the battery is partially charged (not fully depleted or fully charged for long-term storage) to prolong its lifespan.

5.3. Battery Care

To maximize battery life, avoid frequent deep discharges. Recharge the battery regularly. If the device will not be used for an extended period, remove the battery pack.

6. Troubleshooting

This section addresses common issues you might encounter with your Pulsar Talion Pro XQ35.

- **Device does not power on:** Ensure the battery pack is fully charged and correctly inserted. Try recharging the battery.
- **Image is blurry or unclear:** Adjust the focus ring on the objective lens. Ensure the lens is clean and free from condensation or debris.
- **Buttons are unresponsive:** Try restarting the device by powering it off and on. If the issue persists, ensure the firmware is up to date via the Stream Vision 2 app.
- **Wi-Fi connection issues:** Ensure Wi-Fi is enabled on the riflescope and your mobile device. Check that you are within range and that the Stream Vision 2 app is updated to the latest version.
- **Short battery life:** Ensure the battery is fully charged before use. Operating in extreme cold or using power-intensive features (like Wi-Fi streaming) can reduce battery life.

For issues not covered here, or if problems persist, please contact Pulsar customer support.

7. Specifications

Feature	Specification
Model Name	Talion Pro
Part Number	PL76566U

Feature	Specification
Sensor Resolution	384x288 microbolometer
NETD	<25mK
Detection Range	Up to 1475 yards
Magnification	2.5x - 10x (Variable)
Objective Lens Diameter	35 Millimeters
Material	Magnesium Alloy
Waterproof Rating	IPX7
Recoil Resistance	Up to 12 gauge, 9.3x64, .375 H&H
Battery Life	Up to 9 hours (single charge)
Item Weight	24.69 Ounces
Product Dimensions (L x W x H)	12.9" x 2.2" x 2.6"
Mounting Type	Prism Mount
Reticle Type	Cross (with 10 shapes, 9 color modes)
UPC	810119010506

8. Warranty and Support

8.1. Warranty Information

The Pulsar Talion Pro XQ35 Thermal Riflescope comes with a**3 Year Limited Warranty**. This warranty covers defects in materials and workmanship under normal use. Please refer to the warranty card included in your package for full terms and conditions, including details on coverage, exclusions, and how to make a claim.

8.2. Customer Support

For technical assistance, troubleshooting, or warranty service, please contact Pulsar customer support. Contact information can typically be found on the Pulsar official website or on your warranty card. When contacting support, please have your product model number (PL76566U) and serial number ready.

9. Official Product Videos

No official product videos from the seller were found to be relevant for inclusion in this manual.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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