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› PINTY 6-24x50 AO Rifle Scope Instruction Manual

## Pinty MIO000000

# PINTY 6-24x50 AO Rifle Scope Instruction Manual

Model: MIO000000

## 1. INTRODUCTION

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Thank you for choosing the PINTY 6-24x50 AO Rifle Scope. This manual provides essential information for the safe and effective use, installation, and maintenance of your new rifle scope. Please read this manual thoroughly before operating the device.

## 2. SAFETY INFORMATION

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- Always handle firearms with extreme caution. Follow all firearm safety rules.
- Ensure the firearm is unloaded and pointed in a safe direction before mounting or adjusting the scope.
- Never look directly at the sun or any intense light source through the scope, as this can cause permanent eye damage.
- Keep the scope and its accessories out of reach of children.
- Do not disassemble the scope. Unauthorized disassembly voids the warranty and may damage the device.

## 3. PACKAGE CONTENTS

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Verify that all items are present in your package:

- 1x PINTY 6-24x50 Illuminated Rifle Scope
- 2x High-Profile Mounts (for 20mm Picatinny or Weaver rails)
- 1x CR2032 Battery
- 2x Lens Covers
- 1x Cleaning Cloth
- 1x Allen Wrench



Image 3.1: Contents of the PINTY 6-24x50 AO Rifle Scope package, including the scope, mounts, battery, lens covers, cleaning cloth, and Allen wrench.

## 4. FEATURES

- **Variable Magnification:** Adjusts from 6X to 24X for versatile targeting.
- **Illuminated Reticle:** Features green and red illumination with 5 brightness levels for various lighting conditions.
- **Rangefinder Reticle:** Provides quick aiming points for different distances.
- **Adjustable Objective (AO):** Allows for parallax adjustment to ensure a clear target image at various ranges.
- **Precise Adjustments:** Windage and elevation click value of 1/8 MOA (1/8" at 100 yards).
- **Durable Construction:** Made from aerospace aluminum alloy with O-ring sealing and nitrogen purging for waterproof and fog-proof performance.
- **Mounting Compatibility:** Includes 1-inch scope rings for 20mm Picatinny or Weaver mount rails.



Image 4.1: The dual illuminated reticle, available in green and red, for enhanced visibility in diverse environments.

## 5. SETUP AND INSTALLATION

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### 5.1 Battery Installation

1. Locate the illumination control knob on the left side of the scope.
2. Unscrew the battery cap counter-clockwise.
3. Insert the included CR2032 battery with the positive (+) side facing outwards.
4. Screw the battery cap back on clockwise until secure.



Image 5.1: The illumination control knob with the battery compartment open, showing where to insert the CR2032 battery.

## 5.2 Mounting the Scope

1. Ensure the firearm is unloaded and safe.
2. Attach the provided high-profile mounts to your 20mm Picatinny or Weaver rail. Tighten the base screws securely.
3. Place the scope into the bottom halves of the rings.
4. Attach the top halves of the rings, ensuring the scope is level and the reticle is plumb.
5. Adjust the eye relief by sliding the scope forward or backward until you achieve a full, clear field of view without any dark crescent shapes (vignetting).
6. Once the eye relief is set, gradually tighten the ring screws in an alternating pattern to ensure even pressure. Do not overtighten.



Image 5.2: The PINTY 6-24x50 AO Rifle Scope mounted on a rifle, demonstrating proper placement.

## 6. OPERATING INSTRUCTIONS

### 6.1 Magnification Adjustment

Rotate the magnification ring, located near the eyepiece, to adjust the power from 6X to 24X. The numbers on the ring indicate the current magnification level.



Image 6.1: Close-up of the magnification adjustment ring, showing the numerical settings.

### 6.2 Adjustable Objective (AO) / Parallax Adjustment

The adjustable objective lens, located at the front of the scope, allows you to correct for parallax error and achieve a sharp image of your target. Rotate the objective ring until the target appears clear and the reticle does not shift relative to the target when you move your head slightly.



Image 6.2: The adjustable objective lens, used for parallax correction and focusing the target image.

### **6.3 Windage and Elevation Adjustments**

The windage (horizontal) and elevation (vertical) adjustment turrets are located on the top and right side of the scope body. Remove the protective caps to access them. Each click adjusts the point of impact by 1/8 MOA at 100 yards. Rotate the turrets to zero your scope. The turrets are clearly marked for direction of adjustment.



Image 6.3: Close-up of the windage and elevation adjustment turrets, showing the click values and directional markings.

## 6.4 Reticle Illumination

The illumination control knob on the left side of the scope allows you to select between red and green reticle illumination and adjust its brightness. Rotate the knob to turn on the illumination and cycle through the 5 brightness settings for each color. Turn the knob to the '0' position to turn off the illumination.



Image 6.4: The illumination control knob, indicating settings for red and green reticle illumination and brightness levels.

## 7. MAINTENANCE

### 7.1 Cleaning the Lenses

Use the provided cleaning cloth or a soft, lint-free cloth to gently wipe the lenses. For stubborn dirt or smudges, use a lens cleaning solution specifically designed for optical surfaces. Avoid using harsh chemicals or abrasive materials.

## 7.2 General Cleaning and Storage

Wipe the exterior of the scope with a soft, damp cloth to remove dirt and debris. Store the scope in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure lens covers are in place to protect the lenses when not in use.

## 8. TROUBLESHOOTING

- **Blurred Image:** Adjust the adjustable objective (AO) for parallax correction and ensure the eyepiece is focused for your vision.
- **Reticle Not Illuminating:** Check if the CR2032 battery is correctly installed with the positive (+) side facing out. Replace the battery if it is depleted.
- **Point of Impact Shift:** Ensure the scope mounts are securely tightened to the rail and the scope rings are properly fastened.
- **Fogging:** The scope is nitrogen-purged and O-ring sealed to prevent internal fogging. If external fogging occurs, allow the scope to acclimate to the ambient temperature or wipe with a defogging cloth.

## 9. SPECIFICATIONS

| Feature                         | Specification                                |
|---------------------------------|--|
| Model Number                    | MIO000000                                    |
| Magnification                   | 6-24x  |
| Objective Lens Diameter         | 50 mm  |
| Reticle Type                    | Rangefinder, Mil-Dot Illuminated (Red/Green) |
| Illumination Levels             | 5 per color                                  |
| Field of View                   | 14'-25' @ 100 yards                          |
| Eye Relief                      | 2.7"-3.3"                                    |
| Windage & Elevation Click Value | 1/8 MOA (1/8" @ 100 yards)                   |
| Material                        | Aerospace Aluminum Alloy                     |
| Waterproof / Fog-proof          | Yes (O-ring sealed, nitrogen filled)         |
| Product Dimensions              | 40.64 x 4.98 x 4.98 cm                       |
| Item Weight                     | 651 g  |
| Battery Type                    | 1x CR2032 (included)                         |
| Compatible with                 | Rifle, Shotgun                               |

## 10. PRODUCT OVERVIEW VIDEO

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Video 10.1: A brief overview showcasing the PINTY 6-24x50 AO Rifle Scope from various angles, highlighting its design and key components.

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Video 10.2: This video demonstrates the PINTY 6-24x50 AO Rifle Scope's features, including elevation and windage adjustments, adjustable objective, flip-up lens covers, and its waterproof, fog-proof, and shockproof capabilities.

## 11. WARRANTY AND SUPPORT

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PINTY products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase or visit the official PINTY website. Keep your purchase receipt as proof of purchase.