



[Manuals.plus](#) /

› [Pinty](#) /

› Pinty 6-24x50 AO Rifle Scope Instruction Manual

**Pinty MIO000000**

# Pinty 6-24x50 AO Rifle Scope Instruction Manual

## 1. INTRODUCTION

---

This manual provides comprehensive instructions for the safe and effective use of your Pinty 6-24x50 AO Rifle Scope. Please read this manual thoroughly before installation and operation to ensure proper handling and to maximize the performance of your scope. This scope is designed for various shooting applications, offering 6-24x magnification and a 50mm adjustable objective lens.

# 6×24-50 AO RIFLE SCOPE



Image 1.1: The Pinty 6-24x50 AO Rifle Scope, a versatile optic for various shooting needs.

Your browser does not support the video tag.

Video 1.1: An overview of the Pinty 6-24x50 AO Rifle Scope, highlighting its design and features.

## 2. WHAT'S IN THE BOX

---

Upon opening the package, verify that all components are present and undamaged. The standard package includes:

- 1x Pinty 6-24x50 Illuminated Rifle Scope
- 2x High-Profile 1-inch Scope Mount Rings
- 1x CR2032 Battery
- 2x Lens Covers (Flip-up)
- 1x Cleaning Cloth
- 1x Allen Wrench



Image 2.1: All components included in the Pinty 6-24x50 AO Rifle Scope package.

### 3. PRODUCT FEATURES

---

The Pinty 6-24x50 AO Rifle Scope is engineered with several key features to enhance your shooting experience:

- **6-24x Magnification:** Provides a wide range of zoom for various distances.
- **50mm Adjustable Objective (AO) Lens:** Gathers ample light for clear images and allows for parallax adjustment.
- **Illuminated Mil-Dot Reticle:** Features red and green illumination with 5 brightness levels for visibility in diverse lighting conditions.
- **Durable Construction:** Made from lightweight aluminum alloy with an anodized finish, ensuring toughness and corrosion resistance.
- **Waterproof, Fogproof, Shockproof:** Hermetically sealed and nitrogen-filled for reliable performance in challenging environments.
- **1/8 MOA Click Adjustments:** Precise windage and elevation adjustments for accurate targeting.



Image 3.1: The 50mm objective lens, designed for optimal light gathering.



Image 3.2: The illumination control knob for the red/green reticle.

## 4. SETUP

---

### 4.1. Mounting the Scope

1. Ensure the firearm is unloaded and pointed in a safe direction.
2. Attach the included 1-inch scope rings to your 20mm Picatinny rail. Position them appropriately for eye relief.
3. Place the scope into the rings. Adjust the scope forward or backward until you achieve proper eye relief when shouldering the firearm.
4. Rotate the scope until the reticle is level.
5. Tighten the scope ring screws evenly to secure the scope without over-tightening.

### 4.2. Battery Installation

The illuminated reticle requires one CR2032 battery.

1. Unscrew the battery cap located on the illumination control knob.
2. Insert the CR2032 battery with the positive (+) side facing upwards.
3. Replace the battery cap and tighten it securely.



Image 4.1: Location of the battery compartment for reticle illumination.

## 5. OPERATING INSTRUCTIONS

---

### 5.1. Diopter Adjustment

Look through the scope at a plain, bright background (like the sky). Rotate the diopter adjustment ring (located at the eyepiece) until the reticle appears sharp and clear. This adjustment is personal and should be set for your individual eyesight.

### 5.2. Magnification Adjustment

Rotate the magnification ring (located in front of the eyepiece) to select your desired magnification level, from 6x to 24x.

### 5.3. Parallax Adjustment (Adjustable Objective - AO)

The adjustable objective lens allows you to correct for parallax error. Rotate the objective lens ring to match the distance to your target. This ensures the reticle and target are on the same focal plane, eliminating apparent reticle movement when you shift your eye position.



Image 5.1: Windage and elevation adjustment turrets.

#### 5.4. Windage and Elevation Adjustment

Remove the protective caps from the windage (side) and elevation (top) turrets. Each click adjusts the point of impact by 1/8 MOA. Rotate the elevation turret clockwise to move the point of impact down, and counter-clockwise to move it up. Rotate the windage turret clockwise to move the point of impact right, and counter-clockwise to move it left. After zeroing, replace the caps.

#### 5.5. Reticle Illumination

Rotate the illumination control knob to turn on the reticle illumination. Select between red or green illumination and choose one of the 5 brightness levels for optimal visibility in varying light conditions.

Your browser does not support the video tag.

Video 5.1: Demonstration of the illuminated reticle and rangefinder features.

## 6. MAINTENANCE

---

### 6.1. Cleaning the Lenses

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

### 6.2. General Care

- Keep the lens covers on when the scope is not in use to protect the lenses from dust and scratches.
- Store the scope in a cool, dry place, away from direct sunlight and extreme temperatures.
- Periodically check all mounting screws and ensure they are securely tightened.

## 7. TROUBLESHOOTING

If you encounter issues with your Pinty 6-24x50 AO Rifle Scope, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Blurred Reticle	Improper diopter adjustment	Adjust the diopter ring until the reticle is sharp.
Blurred Target Image	Incorrect parallax adjustment	Adjust the objective lens (AO) to match the target distance.
Point of Impact Shifts	Loose mounting rings or scope components	Ensure all mounting screws are tightened. Check for loose turret caps.
Reticle Illumination Not Working	Dead battery or incorrect battery installation	Replace the CR2032 battery, ensuring correct polarity.

## 8. SPECIFICATIONS

Feature	Specification
Brand	Pinty
Model Name	FBA_Pintymio0000
Magnification	6x-24x
Objective Lens Diameter	50 mm
Material	Aluminum
Reticle Type	SFP (Second Focal Plane) Mil-Dot
Illumination	Red/Green, 5 Brightness Levels
Click Value	1/8 MOA
Eye Relief	76.2 mm (3 inches)
Field of View	14 feet at 100 yards
Item Weight	23 Ounces
Mounting Type	Free Mount (for 20mm Picatinny Rail)

## 9. WARRANTY AND SUPPORT

Pinty provides a warranty for this 6-24x50 AO Rifle Scope. For specific warranty details, claims, or technical assistance, please refer to the contact information provided with your product packaging or visit the official Pinty

website. Customer service is available to assist with setup and any operational questions.