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Aimpoint ACRO P-2

Aimpoint ACRO™ P-2 Red Dot Reflex Sight User Manual

Model: ACRO P-2 (Part No. 200691)

INTRODUCTION

This manual provides comprehensive instructions for the proper setup, operation, maintenance, and troubleshooting of your Aimpoint ACRO™ P-2 Red Dot Reflex Sight. Please read this manual thoroughly before using the product to ensure optimal performance and safety.

The Aimpoint ACRO™ P-2 is an advanced, ultra-compact red dot sight designed for demanding applications. It features a fully enclosed optical channel, extended battery life, and robust construction to withstand extreme conditions.

PRODUCT OVERVIEW

The Aimpoint ACRO™ P-2 is a high-performance red dot sight engineered for reliability and precision. Key features include:

- **3.5 MOA Red Dot:** Provides a clear and precise aiming point.
- **Extended Battery Life:** Up to 50,000 hours (over 5 years) of constant-on operation using a single CR2032 battery.
- **Low-Profile Design:** Optimized for applications requiring a compact sighting system.
- **Extreme Durability:** Submersible to 115 feet (35 meters) and built to withstand intense shock, vibration, and temperature variations.
- **Enclosed Emitter:** Fully enclosed optical channel protects the LED emitter from environmental elements.



Figure 1: Front view of the Aimpoint ACRO P-2 Red Dot Reflex Sight. This image shows the compact and robust design of the sight, highlighting its primary optical lens.

PACKAGE CONTENTS

Upon opening the package, verify that all components are present:

- Aimpoint ACRO™ P-2 Red Dot Reflex Sight
- CR2032 Battery (pre-installed or included separately)
- Aimpoint T10 Tool
- User Manual (this document)

If any items are missing or damaged, please contact Aimpoint customer support immediately.

SETUP

1. Battery Installation

The ACRO P-2 uses a single CR2032 battery. The battery compartment is designed for easy access without removing the sight from its mount.

1. Locate the battery cap on the side of the sight.
2. Using the supplied Aimpoint T10 tool or a suitable coin, unscrew the battery cap counter-clockwise.

3. Insert the CR2032 battery with the positive (+) side facing outwards (towards the cap).
4. Carefully screw the battery cap back on clockwise until it is finger-tight. Do not overtighten.



Figure 2: Side view of the Aimpoint ACRO P-2, showing the battery compartment and the brightness adjustment buttons. The battery cap is visible on the right side, and the '+' and '-' buttons are on the left.

2. Mounting the Sight

The ACRO P-2 is designed for Weaver Mount compatibility, making it suitable for various handgun and rifle platforms. Ensure your firearm has a compatible mounting system.

1. Ensure the firearm is unloaded and safe before proceeding.
2. Align the sight's mounting base with the corresponding slots on your firearm's rail.
3. Secure the sight using the appropriate mounting screws. Refer to your specific mount's instructions for torque specifications. Overtightening can damage the sight or mount.
4. Verify that the sight is firmly attached and does not wobble.



Figure 3: Side view of the Aimpoint ACRO P-2, displaying the "ACRO P-2 3.5MOA" designation and the mounting screw locations. This view helps identify the model and the points for secure attachment.

OPERATING INSTRUCTIONS

1. Powering On/Off and Brightness Adjustment

The ACRO P-2 features intuitive controls for power and brightness.

- **Power On:** Press either the '+' or '-' button to turn on the sight. The sight will illuminate the red dot at the last used brightness setting.
- **Adjust Brightness:** Press the '+' button to increase brightness and the '-' button to decrease brightness. There are multiple daylight and night vision compatible settings.
- **Power Off:** Press and hold the '-' button for approximately 3 seconds until the red dot extinguishes.

2. Zeroing the Sight

Zeroing the sight is crucial for accurate shooting. This process adjusts the point of impact to match your point of aim.

1. Set up a target at a known distance (e.g., 25 yards/meters).
2. Using the Aimpoint T10 tool, locate the windage (R) and elevation (U) adjustment screws on the sight.

3. **Elevation Adjustment:** To move the point of impact UP, turn the 'U' screw counter-clockwise. To move it DOWN, turn clockwise.
4. **Windage Adjustment:** To move the point of impact RIGHT, turn the 'R' screw counter-clockwise. To move it LEFT, turn clockwise.
5. Make small adjustments (each click represents a specific change in MOA, refer to specifications for exact value) and fire a group of shots to verify the adjustment. Repeat until the point of aim matches the point of impact.



Figure 4: Angled view of the Aimpoint ACRO P-2, highlighting the windage and elevation adjustment turrets. These turrets are used to precisely zero the sight to the firearm.

MAINTENANCE

Proper maintenance ensures the longevity and reliability of your Aimpoint ACRO™ P-2.

1. Cleaning

- **Lenses:** Use a soft, clean cloth or lens paper to wipe the lenses. For stubborn dirt, use a small amount of lens cleaning fluid. Avoid abrasive materials.
- **Housing:** Wipe the sight's housing with a damp cloth. For more thorough cleaning, a mild soap solution

can be used. Ensure no water enters the battery compartment if the cap is not fully sealed.

- **Battery Contacts:** Periodically inspect the battery contacts for corrosion. Clean with a pencil eraser or cotton swab if necessary.

2. Battery Replacement

Replace the CR2032 battery when the red dot becomes dim or fails to illuminate. With typical use, the battery should last approximately 5 years (50,000 hours) of constant-on operation. Refer to the "Battery Installation" section under Setup for replacement instructions.

3. Storage

When not in use for extended periods, it is recommended to turn off the sight to conserve battery life, although its constant-on capability is designed for long durations. Store the sight in a cool, dry place, protected from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Red dot does not illuminate.	Battery is dead or incorrectly installed. Sight is turned off.	Replace battery, ensuring correct polarity. Press '+' or '-' button to turn on.
Red dot is dim or flickers.	Low battery. Dirty battery contacts.	Replace battery. Clean battery contacts.
Sight loses zero.	Mounting screws are loose. Extreme shock or impact.	Check and tighten mounting screws (refer to mount's torque specs). Re-zero the sight.
Dot appears distorted (starburst/smear).	Astigmatism in user's eye. Dirty lens.	This can be a common optical illusion for individuals with astigmatism. Try viewing through a small pinhole. Clean the lens thoroughly.

If the problem persists after attempting these solutions, please contact Aimpoint customer support.

SPECIFICATIONS

Model Name	ACRO P-2
Part Number	200691
Reticle Type	3.5 MOA Red Dot
Battery Type	CR2032

Battery Life	50,000 hours (over 5 years) constant-on
Submersibility	115 feet (35 meters)
Material	Aluminum
Mounting Type	Weaver Mount
Compatible Devices	Handgun
Magnification	1x
Color	Black
Item Package Dimensions	4.76 x 4.29 x 2.83 inches
Package Weight	0.14 Kilograms

WARRANTY AND SUPPORT

Warranty Information

Aimpoint guarantees its products to be free from original manufacturer defects in material and/or workmanship under normal use for a period of **2 years for professional or competition use** and **10 years for personal use** from the date of purchase.

Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, warranty claims, or general inquiries, please visit the official Aimpoint website or contact their customer support directly.

Aimpoint Official Website: www.aimpoint.com

Manufacturer: Aimpoint