



MEPROLIGHT®

SK GROUP MEMBER

MEPRO PISTOL OPTIC

MPO-DS

USER MANUAL

www.meprolight.com

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WARNING: Read the entire manual before mounting optic. Make sure the firearm is unloaded.

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INTRODUCTION

Thank you for purchasing your Mepro Pistol Optic (MPO). This streamlined design makes it an ideal sight for pistols, rifles, shotguns, and a variety of applications. Before operation, please read the User's Manual carefully.

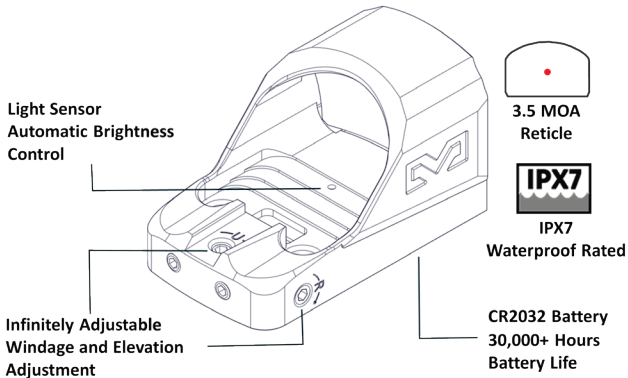
IMPORTANT INFORMATION

- Register your optic at <https://links.meprolight.com/ProductReg>.
- Ensure the firearm is unloaded and safe by removing your magazine and all ammunition from the firearm. **Verify the chamber is empty before installation and battery replacement.**
- **Read and follow the instructions in this manual carefully. Improper use or maintenance may permanently damage the product and void the warranty.**
- This manual provides description, operating, maintenance instructions, and technical specifications for the MPO-DS Mepro Pistol Optic (hereinafter referred to as "MPO").
- See Page 16 for Button Cell and Coin Battery safety.

PACKAGE CONTENTS

Description	Quantity
MPO Sight	1
CR2032 Battery	1
Slotted Screwdriver & T10 Torx Wrench	1
Mounting Screws Set	3
Adjustment Dial Disk	1
Cleaning Cloth	1
User Manual	1

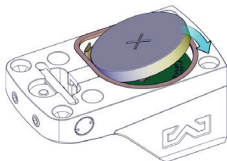
ANATOMY



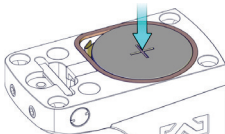
KEY FEATURES

- Precision machined from aircraft-grade 6061-T6 Aluminum with anodized matte black Finish.
- 3.5 MOA reticle.
- Automatic brightness control with light sensor.
- Powered by a CR2032 lithium battery, which provides over 30,000 hours of battery life.
- Infinitely adjustable windage and elevation adjustment.
- Compatible with optics ready pistol systems using the common RMSc® footprint.

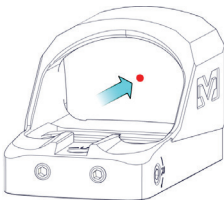
BATTERY INSTALLATION



With its + side facing outward, insert the CR2032 battery into the battery compartment.



First, ease down one side of the battery against the metallic contact, and then seat the battery in place until flush.



Check functionality: Ensure the reticle is visible.

NOTE: The MPO operates in a constant-on state and does not manually or automatically power off after a duration of time. Removal of the battery is the only way to power down the MPO.

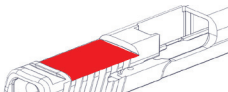
OPTIC INSTALLATION

WARNING: Before starting, ensure the pistol is unloaded by removing the magazine and confirming the chamber is empty.

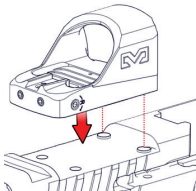
- The MPO mounting base is compatible with the RMSc® standard footprint.
- Your MPO optic includes #6-32, M3x8 and M4x8 Torx mounting screws that will fit most mounts, optics-ready slides, and aftermarket milled slides using the RMSc® footprint.
- All the supplied screws include a pre-applied locking compound to hold screws securely in place.

NOTE: Some optics-ready pistol platforms come included with screws and/or adaptor plates that may be better suited for installing your MPO optic. **It is important to read the manufacturer's procedures in addition to ours.**

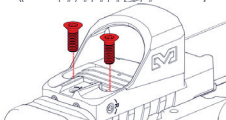
- When using other screws without pre-applied locking compound, apply LOCTITE® 243 threadlocker. Allow a minimum of 3 hours for curing.
- The recommended torque value is 15 in-lbs.



If applicable, remove the slide's cover plate to gain access to the slide's optic interface.



Place the MPO onto the slide ensuring all screw holes are aligned and the optic is seated flush.



Install the two mounting screws. Tighten to 15 in-lbs.

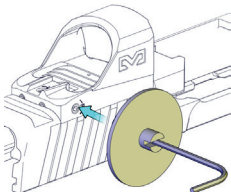
NOTE: Some optics-ready pistol platforms may include screws that are suited for installing your MPO optic.

ZEROING

Your MPO comes out of the box mechanically centered within the adjustment range.



Insert a 1.5mm Hex Allen wrench into the supplied adjustment Dial Disk.



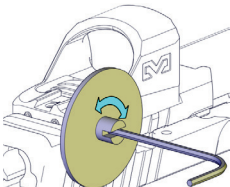
Windage Adjustment

Insert the Allen wrench into the windage adjustment screw.

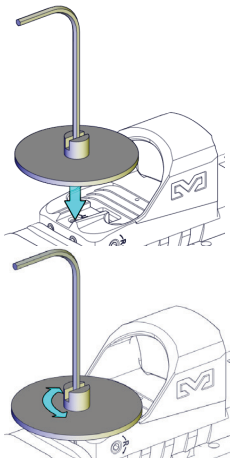


Look at the hash marks on the dial disk against any part of the MPO-DS optic as a reference point.

The distance from one hash mark to the next equals 0.5 MOA or $\frac{1}{2}$ inch at 25 yards.



To move the Point of Impact (POI) to the right, turn the windage adjustment screw clockwise. To move the POI to the left, turn the windage adjustment screw counterclockwise.



Elevation Adjustment

Insert the Allen wrench into the elevation adjustment screw.

To move the POI up, turn the elevation adjustment screw clockwise.

To move the POI down, turn the elevation adjustment screw counterclockwise

TROUBLESHOOTING

Problem	Cause	Solution
Reticle not visible	Dust or debris blocking the Reticle Projection Window or the Light Sensor	Clean as required. Refer to Care and Maintenance section.
	Depleted battery	Replace battery
	Battery inserted incorrectly	Check battery to ensure it is installed with the positive "+" side facing upward
Not holding zero	Optic is not properly mounted	Check installation and mounting screw tightness

CARE AND MAINTENANCE

- Maintain the finish of your MPO optic by wiping any dirt or sand with a clean, soft cloth.
- Do not touch the lens with your fingers.
- Avoid contact with acid, alkaline, or corrosive chemicals.
- Remove the battery if it is being stored for an extended period.
- Do not attempt to lubricate any part of the MPO.
- Do not disassemble the MPO. This will void the warranty.

SPECIFICATIONS

Parameter	Spec
Footprint for	RMSc®
Mounting Screw Torque	15 in-lbs.
Dimensions (L x H x W)	1.59" x 0.87" x 0.94"
Window Dimensions (H x W)	0.82"x 0.58"
Weight (w/Battery)	0.7 oz
Body Material and finish	6061-T6 Aluminum; Hard Anodized
Battery Type	CR2032 3V
Battery Life (Medium setting)	30,000+ hrs
Reticle	3.5 MOA Red Dot
Illumination Mode	Automatic, Constant-on

NOTE: Actual values (unless otherwise mentioned) may vary by $\pm 5\%$, according to specific configuration.

⚠ WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH OF CHILDREN**.
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



⚠ WARNING

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. **DO NOT** dispose of batteries in fire.
- Even used batteries may cause severe injury or death.
- Seek medical attention immediately if ingested or inserted.
- Battery type: CR2032
- Battery voltage: 3V
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury/burns, explosion, or fire.

⚠ BATTERY WARNING

- Ensure the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries and keep them away from children.



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