MEPROLIGHT®

MicroRDS

Quick Detach MicroRDS with Meprolight TruDot™ self-illuminated sight

USER MANUAL

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1. System Highlights

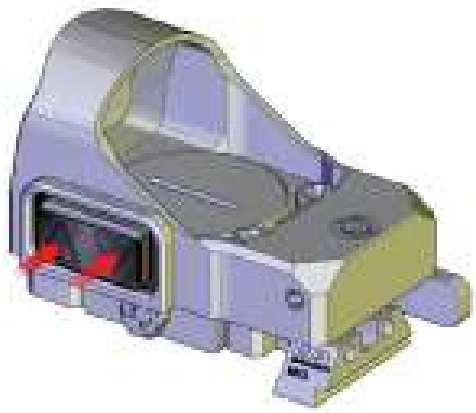
- Electro-optical red dot sight (MicroRDS) with quick detach mount, on top of a Meprolight TruDot™ self-illuminated sight*.
- Red dot sight featuring clear aiming dot with 10 adjustable brightness levels.
- Quick and easy battery replacement.
- Multiple configurations to fit various handgun makes and models.

***NOTE:** The MicroRDS is also available with an integral Picatinny quick detach mount (without the TruDot™ self-illuminated sight).

Kit Content

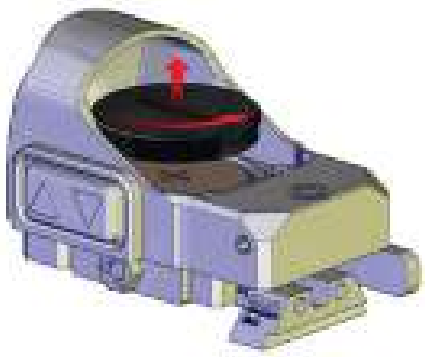
Description	Quantity
MicroRDS Electronic Sight	1
Meprolight TruDot™ self-illuminated sight (optional)	1
CR2032 Battery	1
Wrench for Weapon Adapter's Nuts (optional)	1
User Manual	1

2. Main Components

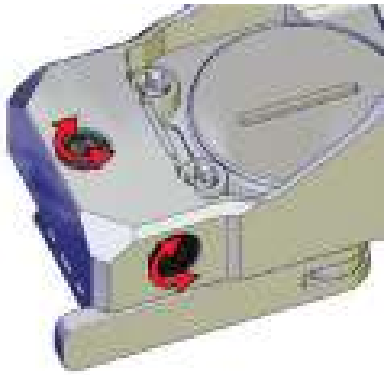


ON/OFF Switch
Click the up ▲button to power-up the aiming dot.
Press on the down▼button for four seconds to power-down the aiming dot.
Click the up ▲ and down ▼ buttons to toggle between 10 aiming dot illumination levels.

Meprolight TruDot™
Self-luminous, three-dot design in a two-piece construction.
Rear sight ready for quick detach mount.
Multiple configurations to fit various handgun makes and models.



Battery Compartment
Accepts a single CR2032 battery.



Zeroing Screws
Turn the windage and elevation screws to move the aiming dot 0.9 MOA per click.

Single Lever Mount

Meprolight TruDot™ sight mount

or

Picatinny quick detach mount.

3. Installation and Mounting

Installing the TruDot™ sight

- The Meprolight TruDot™ self-illuminated sight is available in multiple configurations. MEPROLIGHT recommends using a professional gunsmith for installation best suited to your handgun make and model. See figure 1 for an example installation drawing.

Figure 1: Installing the TruDot™ Sight

Installing the Battery

Figure 2: Installing the Battery

- Remove the battery compartment cover.
- Insert a CR2032 Battery into its place, ensuring that the plus ("+") side is up.
- Install the battery compartment cover.

Mounting on TruDot™ Sight

Figure 3: Mounting the MicroRDS

- Pull the Mount Lever to the open position.
- Position the MicroRDS in its place.
- Push the Mount Lever to the closed position.

- Ensure that the MicroRDS is firmly secured on the Meprolight TruDot™ self-illuminated sight. If the MicroRDS is not firmly secured, adjust the tension adjustment nut (see also figure 4).
- **Caution:** Adjust the nut when the Mount lever is in the open position. Do not use excessive force when tightening the nut.

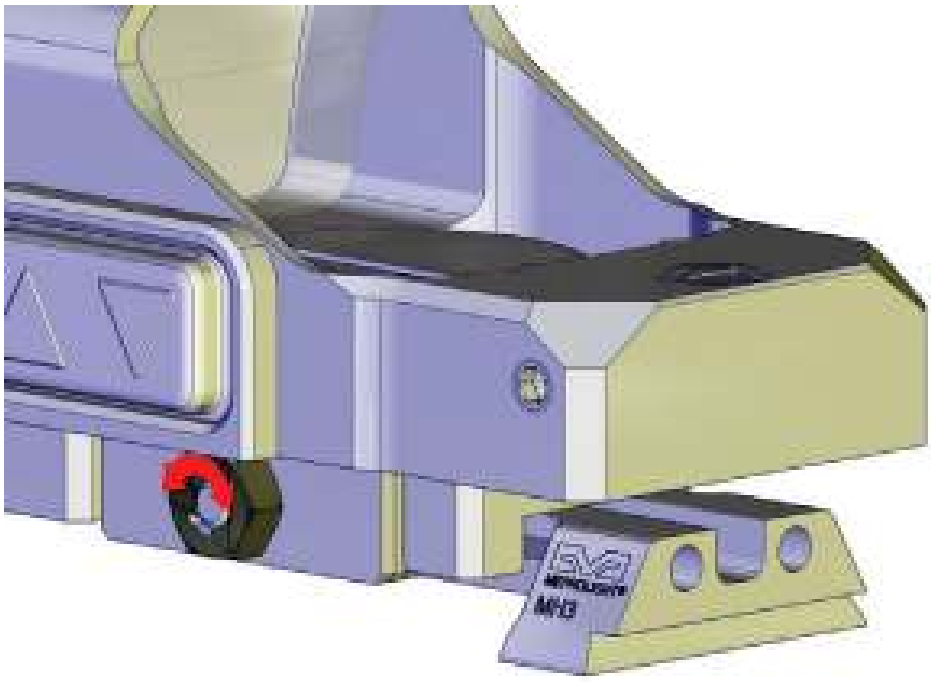


Figure 4: Tension Adjustment Nut

Mounting on a Weapon*

***NOTE:** For MicroRDS configuration without the TruDot™ self-illuminated sight.

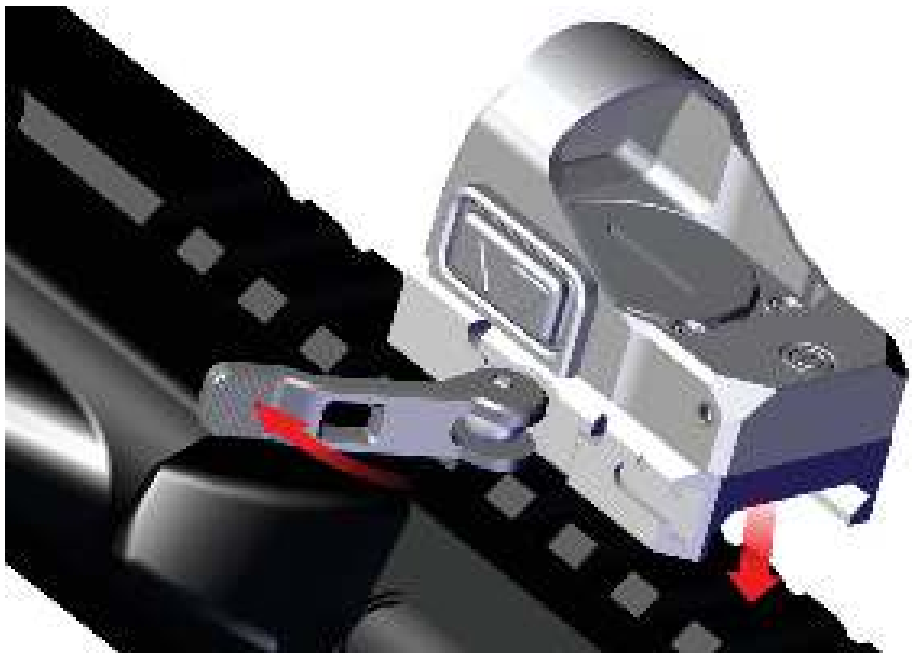


Figure 5: Mounting the MicroRDS

- Pull the Mount Lever to the open position.
- Position the MicroRDS in its place.
- Push the Mount Lever to the closed position.

- Ensure that the MicroRDS is firmly secured on the Meprolight TruDot™ self-illuminated sight. If the MicroRDS is not firmly secured, adjust the tension adjustment nut (see also figure 6).

Caution: Adjust the nut when the Mount lever is in the open position. Do not use excessive force when tightening the nut.

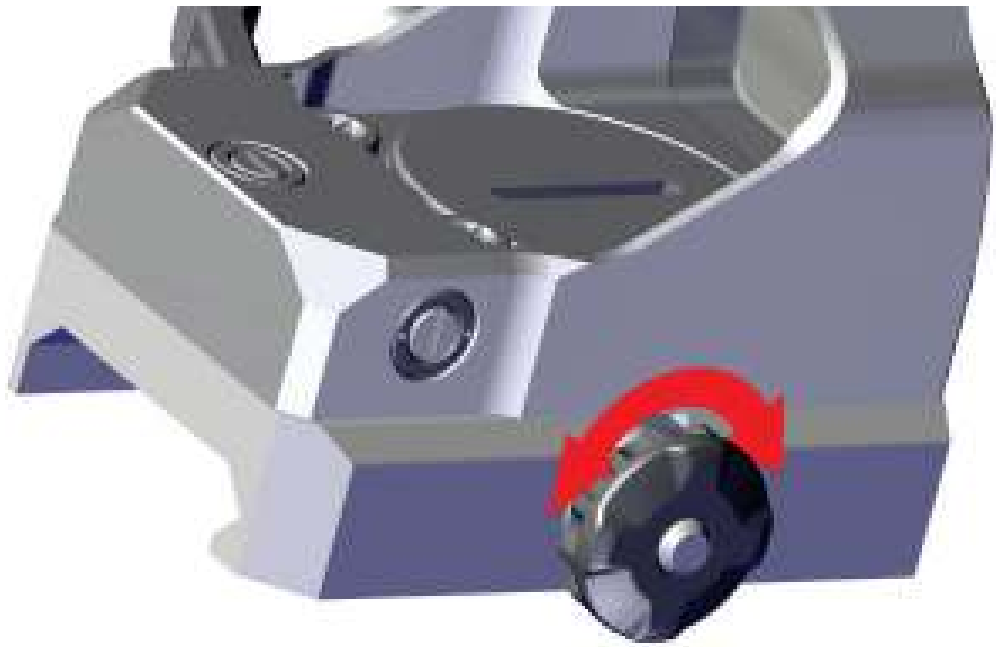


Figure 6: Tension Adjustment Nut

4. Operation

Power Up/Down

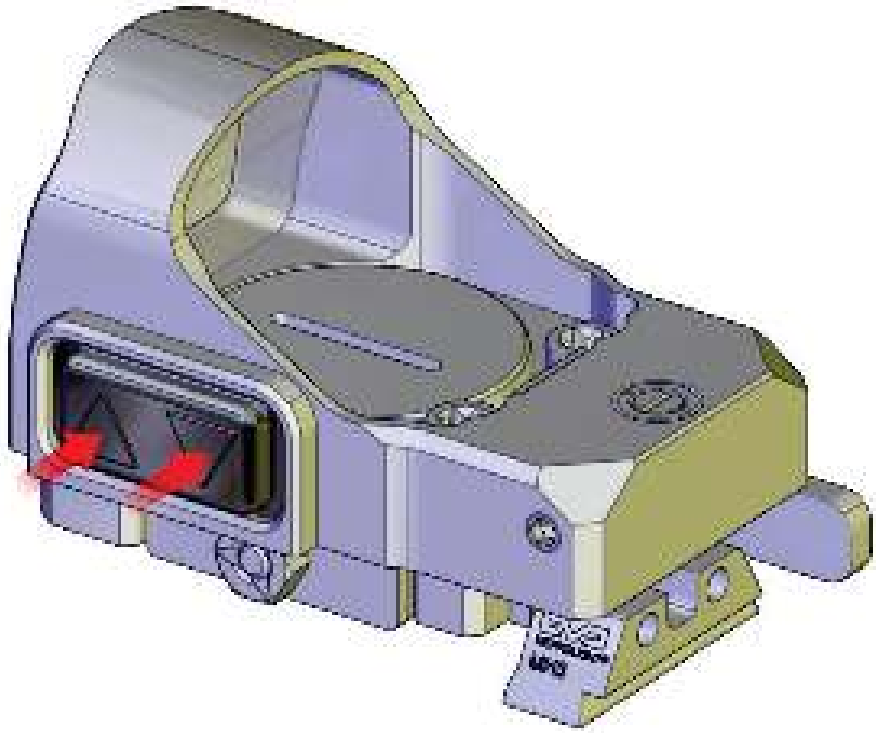


Figure 7: Power Up/Down

- Click the up ▲ button to power-up the aiming dot illumination.

- Click the up ▲ and down ▼ buttons to toggle between 10 aiming dot brightness levels.
- To shut-down the aiming dot illumination, press and hold the down ▼ button for four seconds.

Auto Shut Down

- When the ON/OFF switch is not pressed for over 8.5 hours, the aiming dot illumination will shut down.
- Click the up ▲ button to power-up.

5. Technical Specifications

Red Dot Micro Sight with Quick Detach Mount	
Weight (Sight only; including Battery)	38gr (1.34oz.)
Dimensions (LxWxH)	48x33x26mm (1.9"x1.3"x1.4")
Window Size	23x17mm (0.9"x0.7")
Field of View (FOV)	Unlimited
Aiming Dot diameter	3 MOA
Zeroing Knobs	Horizontal & Vertical
Click size	0.9 MOA

Aiming Dot Illumination	10 brightness levels
Battery Type	1 x CR2032
Auto Shut Down	After 8.5 hours without movement
Weapon Mount Configurations	Meprolight TruDot™ sight mount
	Picatinny quick detach mount
Meprolight TruDot™ self-illuminated sight	
Operation Time	10 Years

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

6. Warranty

As a standard warranty policy, MEPROLIGHT warrants its products against defects in materials and workmanship for a period of one year from the date of the original purchase.

Should your product prove to be defective during this period, please deliver it securely packaged in its original container or an equivalent, along with the proof of the original purchase date to your designated point-of-contact.

MEPROLIGHT will repair (or, at its discretion, replace with the same or comparable model) the product or part thereof which, on inspection by MEPROLIGHT, is found to be defective in materials or workmanship.

Warranty period and terms may differ from those described above and are subject to the terms and conditions of the specific sales contract.

Important Information

MEPROLIGHT is not responsible for warranty service should the product fail as a result of improper maintenance, misuse, abuse, improper installation, neglect, damage caused by disasters (such as fire, flooding, lightning), improper power supply, or service other than by MEPROLIGHT or a party appointed and authorized by MEPROLIGHT to service this product.

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MEPROLIGHT®

PO Box 26. 4 Ha'Hadas Street,
Or-Akiva Industrial Park,
Or-Akiva 3065001, Israel.
Tel: + 972 4 6244111
Fax: + 972 4 6244123
email: sales@meprolight.com