

SIGHT MARK[®]

USER MANUAL



**MINI SHOT M-Spec
Solar Enclosed M4 Red Dot**

SM26071

ABOUT SIGHTMARK®

Founded to meet the changing needs of the outdoor industry and its customers, Sightmark® was introduced at SHOT Show 2007 in response to the growing popularity of the modern shooting market. The goal was to provide state-of-the-art optics and accessories to make the modern sporting rifle, shotgun and pistol as accurate as possible. In addition, each product is designed for the core market, enabling shooters to purchase more high quality items to accessorize their firearm for hunting, home defense and competition shooting.

In 2011, the new 33,000 square-foot (3066m²) headquarters was completed in Mansfield, Texas, combining the company's corporate offices and a large warehouse to handle the increase in sensitive material and technology being produced. The new facility provides more space for research and development, production, and distribution of defense-related products.

Best-selling products include red dot sights, riflescopes and chamber laser boresights. More than one million Sightmark® boresights are in use since first released to the market. Sightmark® has earned several patents and awards from industry associations and publications including Field & Stream, Optics Planet, Outdoor Life and Predator Xtreme. Numerous optics and accessories have been field tested and approved by prominent outdoor organizations such as the North American Hunting Club and the National Tactical Officers Association.

Currently, Sightmark® represents leading markets growing in more than 55 countries and many quality retailers in every state. Products are sold by top retailers and national specialty chains such as: Academy Sports & Outdoors, Bass Pro Shops, Cabela's, Frankonia and many more.



www.sightmark.com

SIGHTMARK MINI SHOT M-SPEC SOLAR ENCLOSED M4 RED DOT

The Sightmark Mini Shot M-Spec Solar Enclosed M4 brings serious innovation to compact red dot optics. Built on a rugged ACRO® footprint and crafted from durable 6061-T6 aluminum, this enclosed reflex sight is ready for rifles, shotguns, and handguns alike. With a generous window size, shooters get faster target acquisition and better situational awareness compared to other Mini Shot models.

The Mini Shot M-Spec Solar Enclosed M4 offers a versatile reticle system—users can cycle between a precise 3 MOA dot, a fast-acquisition 32 MOA circle, or a circle-dot combination. Its advanced shake-awake technology powers down the sight after 5 minutes of inactivity, instantly reactivating with movement, while the solar panel extends battery life and ensures reliability in the field. Running on a single side-mounted CR2032, this optic delivers over 100,000 hours of continuous use.

Built for harsh environments, the Mini Shot M-Spec Solar Enclosed M4 is IPX7 waterproof, fogproof, and drop tested to 5 feet / 1.5 meters. It features 12 brightness settings, including three night-vision compatible modes, making it mission-ready day or night. Whether you're a hunter, competitive shooter, or professional operator, this optic combines endurance, adaptability, and cutting-edge tech in a compact package.

FEATURES:

- 3 MOA Dot, 32 MOA Circle or Circle-Dot Combination
- Shake Awake
- ACRO® Footprint
- IPX7 Waterproof and Shockproof
- Side Mounted CR2032
- Solar Powered Backup
- Automatic Brightness Adjustment with Manual Override
- Lock-Out Mode
- Drop Tested

INCLUDES:

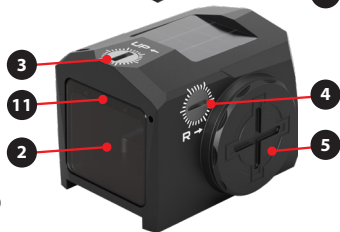
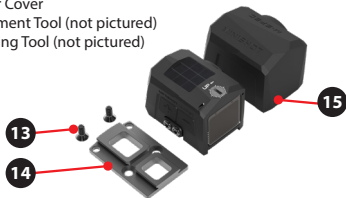
- RMR Plate Adapter
- RMR Plate Screws
- Rubber Cover
- CR2032 Battery
- Flat Head Adjustment Tool
- T10 Torx Wrench
- Lens Cloth

SPECIFICATIONS		SM26071
Illuminated (yes/no)		Yes
Illumination Source		Multi-Segment LED
Reticle Color		Red
Reticle Style		3 MOA dot, 32 MOA circle or Circle-Dot Combination
Reticle Brightness Settings		12 (9 day - 3 NV)
Adjustment/Click		1 MOA
Windage / Elevation Adjustment Range (MOA)		55 / 55
Shake Awake (yes/no)		Yes
Shake Awake Timing (minutes)		5
Magnification (x)		1x
Eye Relief (in/mm)		Unlimited
Parallax Setting (yds/m)		25 / 22.9
Lens Coatings		Multi Coated
Lens Type		Mangin
Power Source		Battery, Solar
Battery Type		CR2032
Battery Voltage (V)		3
Battery Life Circle-Dot (Constant On, hours)		High: 22 hours Mid: 1,200 hours Low: 41,500 hours
Battery Life Dot Only (Constant On, hours)		High: 110 hours Mid: 9,800 hours Low: 12,400 hours
Battery Life Dot Only (Including Shake Awake, hours)		High: 109 hours Mid: 19,200 hours Low: 105,600 hours

Objective Lens Size (mm)	21 x 18
IP Standard (water rating)	IPX7 - 3m for 30 min
Maximum Caliber	3000G
Nitrogen Filled (yes/no)	Yes
Shockproof (yes/no)	Yes, 5 ft / 1.5m
Body Material	Aluminum 6061-T6
Footprint	ACRO®
Operating Temperature	-4° to 104° F / -20° to 40°C
Dimensions (in/mm)	1.77 x 1.38 x 1.26 / 45 x 35 x 32.1
Weight (oz/g)	2.2 / 62.33

DIAGRAM

1. Objective Lens
2. Back Protective Lens
3. Elevation Adjustment
4. Windage Adjustment
5. Battery Cap
6. + Button
7. - Button
8. Solar Panel
9. Mounting Screws
10. Mounting Clamp
11. LED Aperture
12. Photosensor
13. RMR Plate Screws
14. ACRO to RMR Adapter Plate
15. Rubber Cover
16. Adjustment Tool (not pictured)
17. Mounting Tool (not pictured)



INSTALLING THE BATTERY

The Sightmark Mini Shot M-Spec Solar Enclosed M4 is powered by a single CR2032 battery. Should the reticle illumination grow dim or fail to illuminate, the battery needs to be replaced.

To install a new battery:

1. **Make sure your firearm is unloaded and safe.** Always follow your firearm manufacturer's safety steps.
2. Locate the battery cap (5).
3. Using a large flathead or Cross-tool, loosen and remove the battery cap.
4. Remove any existing batteries inside the optic.
5. Place a new battery into the compartment + side facing out.
6. Replace the battery cap and **tighten with a tool to at least 5 in-lbs/ 0.56 N-m.**



ON/OFF ACTIVATION

To turn the unit on:

Press and release + or - button (6/7).

To turn the unit off:

Press and hold both the + and - buttons for three seconds.



BRIGHTNESS CONTROLS

The Mini Shot M-Spec Solar Enclosed M4 has **12 brightness levels** to match any lighting condition.

- **Levels 1–3:** Best for nighttime, dawn, or dusk. These settings also work with night vision equipment.
- **Levels 4–7:** Ideal for indoor use or cloudy days where light is moderate.
- **Levels 8–11:** Made for bright, sunny conditions outdoors.
- **Level 12:** Maximum brightness—use this only in extreme glare or direct sunlight.

If the reticle looks too dim or too bright, tap the brightness controls until it feels right for your environment.

To adjust the brightness:

1. Press the appropriate + or - button to adjust the brightness of the dot.
2. To increase brightness press the + button (6).
3. To decrease brightness press the – button (7).

Note: The last brightness setting used prior to deactivation will be the same setting next time the unit is activated.



AUTOMATIC BRIGHTNESS CONTROL

The Mini Shot M-Spec Solar Enclosed M4 can also adjust brightness automatically using its front-facing photosensor (12). This sensor measures the light in front of the optic and automatically sets the reticle brightness to match those conditions. If you move from a dark area into bright sunlight (or the other way around), the optic will adjust the reticle's brightness on its own to keep the sight picture clear and visible.

To use automatic brightness control:

1. Hold the "+" button for three seconds until the reticle flashes 2 times.
2. When moving the optic, the reticle should now automatically adjust brightness levels depending on the lighting conditions*.
3. To exit automatic brightness control, press and release either the "+" or "-" button. This will override the automatic brightness control and revert back to manual adjustment.
4. The reticle will flash 1 time when entering manual adjustment mode.

*Note: Night Vision settings are not supported in automatic brightness control.



LOCK MODE

The Mini Shot M-Spec Solar Enclosed M4 includes a Lock Mode feature that prevents accidental changes to your brightness and reticle settings.

To engage Lock Mode:

1. Press and hold the "-" button (7) for 3 seconds.

2. The reticle will flash **three times** to confirm Lock Mode is active.
3. While locked, pressing any buttons will not change the brightness or reticle.

To disengage Lock Mode:

Press and hold the "-" button (7) for 3 seconds. The reticle will flash 4 times.



SHAKE AWAKE

The Mini Shot M-Spec Solar Enclosed M4 includes **Shake Awake** technology which helps save battery life.

If the optic stays still for **five minutes**, it automatically enters "sleep mode." When it senses movement again, like when you pick up your firearm, it instantly turns back on and returns to your **last used brightness setting and mode**.

To use Shake Awake:

The optic comes from the manufacturer with this feature turned on. No additional steps are required to activate it. The same procedure is used for both activation and deactivation.

To disable Shake Awake:

1. Enter Lock Mode by pressing and holding the - button for 3 seconds.
2. Press and hold the "+" and "-" buttons for 15 seconds. The reticle will flash 6 times. This will disable Shake Awake.



SHAKE AWAKE CONT.

To enable Shake Awake:

1. Enter Lock Mode by pressing and holding the – button for 3 seconds.
2. Press and hold the + and – buttons for 15 seconds. The reticle will flash 5 times. This will enable Shake Awake.

CHANGE RETICLE SIZE

The Mini Shot M-Spec Solar Enclosed M4 can change the reticle style between a dot, a circle, and a circle-dot.

To change reticle styles:

Press and release both the + and - buttons at the same time.



MOUNTING

The Mini Shot M-Spec Solar Enclosed M4 is compatible with many optic ready pistols that utilize the ACRO® mounting standard. It can be mounted directly to these pistols without the use of adapter plates.

To mount direct (ACRO®):

1. Use the included tool to loosen the two mounting screws (9) attaching the mounting clamp (10) to the optic.
2. Align the recoil lug on the bottom of the optic with the groove in your firearm or mount.

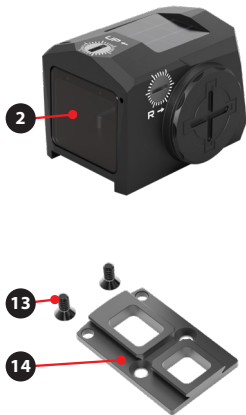


3. Ensure the objective lens (1) is nearest to the muzzle, and the back protective lens (2) is nearest to your eye.
4. *Tighten and secure the two screws by applying **15–18 in·lb / 1.69–2.03 N·m of torque. Do not overtighten.**

*Note: For a semi-permanent fixture, a small amount of blue Loctite® may be applied to the threading of the two mounting screws. It is generally recommended to apply blue Loctite® when mounting the optic. The Sightmark Mini Shot M-Spec Solar Enclosed M4 also includes an ACRO® to RMR adapter plate. This allows the optic to be mounted on RMR footprint firearms and mounts.

To mount with adapter plate (RMR):

1. Make the firearm safe (unload, remove magazine, clear the chamber) and follow all manufacturer safety procedures.
2. Locate the RMR adapter plate (14) and its screws (13).
3. Place the adapter plate into the firearm's or mount's RMR cut. Line up the recoil lug and the screw holes so everything seats flush.
4. Start each RMR plate screw (13) by hand using the T10 Torx. If you feel resistance when starting a screw, stop, back it out, and confirm the screw matches the hole (pitch/length). Don't force it.
5. Once both screws are started and correctly aligned, tighten them to **15–18 in·lb / 1.69–2.03 N·m** using the torque driver. Do this gradually and alternate between screws so the plate seats evenly. **Do not overtighten.**
6. Use the included tool to loosen the two mounting screws (9) that hold the mounting clamp (10) on the optic.



MOUNTING CONT.

7. Place the optic on the adapter plate. Align the recoil lug on the bottom of the optic with the groove in the plate/mount. Confirm orientation: objective lens (1) toward the muzzle, protective rear lens (2) toward your eye.
8. Start the two mounting screws (9) by hand. When both are started, torque them to **15–18 in·lb / 1.69–2.03 N·m**, alternating until both reach spec. **Do not overtighten.**

*Note: For a semi-permanent fixture, a small amount of blue Loctite® may be applied to the threading of the two mounting screws. It is generally recommended to apply blue Loctite® when mounting the optic.

**Note that many firearms and mounts use different pitches and lengths of threads. We do not guarantee fitment on all RMR mounts. If you have questions or concerns, please reach out to the original mount or firearm manufacturer. #6-32 x 3/8" 82 degree countersunk screws are provided. In some instances, filing the screws shorter may allow for correct mounting.

OPERATING THE WINDAGE AND ELEVATION ADJUSTMENTS

The Sightmark Mini Shot M-Spec Solar Enclosed M4 has built-in windage and elevation adjustments (3/4) with clicks. The Mini Shot has 1 MOA clicks so each click moves the point of impact ~1" at 100 yards (2.91 cm at 100 m), ~1/2" at 50 yards (1.45 cm at 50 m), and ~1/4" at 25 yards (0.73 cm at 25 m).

In order to make windage and elevation adjustments:

1. Use a flathead tool to make adjustments or "clicks".
2. Turn the adjustments in the appropriate direction needed to change the point-of-impact as indicated by the "UP" and "R" (left) arrows marked on the adjustments.



BORESIGHTING AND SIGHTING IN

Boresighting and test firing should be performed safely on a firing range. Laser boresights are a quick and accurate method for sighting in. Below is listed the traditional method of boresighting and works best when the unit is mounted on a rest.

1. When mounting the sight on a bolt action rifle, remove the bolt; or when mounting to a semi-automatic rifle, disassemble the rifle until there is a straight line of sight through the bore.
2. Use a target at least twenty yards/meters to fifty yards/meters away when sighting in the sight. Look through the bore of the weapon and locate the bull's-eye of the target.
3. Sight in the target through the bore and then make windage and elevation adjustments (see "Operating Windage and Elevation Adjustments" for instructions) to the red dot until the reticle is centered on the bull's-eye.

To verify the riflescope is accurately sighted in, always fire a three-shot test group at 50 or 100 yards/meters preferably using the same ammo manufacturer, grain, and lot number.

4. After firing a group use the center of this grouping and make the necessary amount of adjustments to the elevation and windage adjustments to move your firearm's grouping to the center of the target.
5. Again, fire a three-shot test group to confirm the adjustments. Use the center of the new group to determine final adjustments.

When mounting on pistols, the reticle can also be aligned with the iron sights (if visible) to zero the optic. The Mini Shot M-Spec Solar Enclosed M4 has an extremely low floor that allows for use of most standard height iron sights when mounted direct.

MAINTENANCE

Proper maintenance of the Mini Shot M-Spec Solar Enclosed M4 is recommended to ensure longevity. It is recommended that when the sight becomes dirty that it is wiped down with a dry or slightly damp cloth. Blow dirt and debris off all optics and then clean lenses with a lens cleaning cloth. To remove oils or dried water spots, apply a small amount of denatured alcohol to a lens cloth or cotton swab. Clean the surface of the lens and let dry. Finally use your breath to clean the lens once more. No further maintenance is required. Do not attempt to disassemble any components of the sight.

STORAGE

Make sure that your Sightmark Mini Shot M-Spec Solar Enclosed M4 is securely attached to your rifle before storing, and be sure that the reticle illumination is turned off. Cover with the included rubber cover(15). Remove the battery if the unit will be stored for an extended period of time.



WARNING

Before handling the Sightmark Mini Shot M-Spec Solar Enclosed M4 sight read and understand the contents of your firearm's manual, and the Sightmark manual. Follow all standard safety precautions and procedures during firearm operation, even when the sight is not in use.

- Avoid hitting or dropping the unit
- ALWAYS check that the chamber of your weapon is clear before mounting or dismounting the reflex sight.
- The reticle illumination should be tested during periods of non-use to make sure it is still operating properly. Failure to follow standard firearm safety precautions and procedures, as well as the above warnings, is dangerous and may result in serious injury, damage to property, or death.

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.



Battery type: **CR2032**

Battery voltage: **3V**

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 household trash or incinerate.
- Even used batteries may cause severe injury or death
- Call local poison control center for treatment information
- Compatible battery type: CR2032
- Nominal 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 due to venting, leaking, or explosion resulting in chemical burns.

WARNING

- Ensure the batteries are installed correctly regarding 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 away from children.



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SIGHTMARK WARRANTY

Please visit **www.sightmark.com** for warranty details and information.