

SIGHT MARK[®]

USER MANUAL



**MINI A-SPEC
REFLEX SIGHT**

SM26045



**MINI A-SPEC
REFLEX SIGHT**

SM26046

ABOUT SIGHTMARK®

While Sightmark's MAKE YOUR MARK tagline perfectly illustrates our mission to provide uncompromising accuracy in virtually any environment, to us, those three words mean quite a bit more.

MAKE YOUR MARK represents our commitment; first, to those who serve; second, to our Constitutional right to bear arms, the right ensuring all others remain intact; and finally, every single professional and recreational shooting enthusiast embracing and sharing our Pro-2nd Amendment lifestyle.

MAKE YOUR MARK also symbolizes our desire to build more than a brand people know they can trust. It represents our higher calling to build an honorable, unapologetic legacy, truly appreciative of the fabric of a free society to pass on to future generations. Only accomplishing the latter truly embodies the gravity of what MAKE YOUR MARK means to us.

In the spirit of gratitude for those who preserve freedom as we know it to be, MAKE YOUR MARK is a call to action. One we take seriously when it comes to developing products worthy of our brand... and our lifetime warranty. The same brand countless professionals rely upon for performance in the best... and most assuredly, worst of times.



MINI A-SPEC REFLEX SIGHT

Designed to be used on shotguns, pistols and AR's, the compact Mini A-Spec series is a rugged reflex sight with a 2 MOA red or green dot reticle. The sight includes both a low-profile mount and a riser mount. Built from durable aluminum housing, the Mini A-Spec features an IP55 waterproof rating, making it ideal for law enforcement missions and hunting in the elements. The A-Spec also boasts extremely low-power consumption technology, 1 MOA windage and elevation click adjustments, 10 brightness levels, and ambidextrous digital controls.

FEATURES:

- Low-power consumption
- Windage and elevation click adjustments
- 10 reticle brightness levels
- Ambidextrous digital controls
- Advanced, parallax-free lens design
- Red (SM26045) or Green (SM26046) reticle illumination
- Rugged, lightweight aluminum alloy housing
- Scratch-resistant lens coating

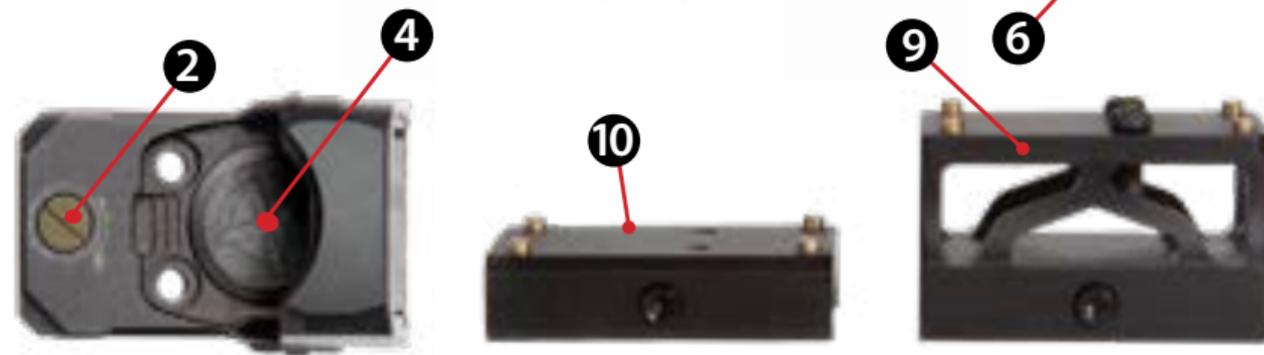
INCLUDED:

- Rubber cover
- Low-profile and AR riser mounts
- Batteries
- Lifetime warranty

Technical Specifications:	SM26045	SM26046
Magnification (x)	1	1
Objective (mm)	22x17	22x17
Eye relief	Unlimited	Unlimited
Coating	Fully multicoated AR red	Fully multicoated AR red
IP Standard (water rating)	IP55	IP55
Reticle	2 MOA red dot	2 MOA green dot
MOA adjustment (1 click)	1	1
Battery type	CR1632	CR1632
Battery life (hour)	15-160	30-200
Brightness settings	1-10 and "off"	1-10 and "off"
Max recoil (caliber)	up to .375 H&H	up to .375 H&H
Body material	Aluminum - 6061	Aluminum - 6061
Mount type	Weaver/Picatinny	Weaver/Picatinny
Operating temperature (°F)	-4 to 122	-4 to 122
Dimensions (in)	1.854x1.223x2.195	1.854x1.223x2.195
Weight (oz)	2.9	2.9

DIAGRAM

1. Objective lens
2. Elevation adjustment
3. Windage adjustment
4. Battery cap
5. Brightness control buttons
6. Mounting screw
7. Assembly screws
8. LED aperture
9. AR riser mount
10. Low-profile mount



INSTALLING THE BATTERY

The Sightmark Mini A-Spec is powered by a single CR1632 battery. Should the reticle illumination grow dim or fail to illuminate, the battery needs to be replaced.

To install a new battery:

1. Unscrew the battery cap (4) counterclockwise.
2. Insert the new battery into the battery compartment with the positive side facing up.
3. Screw the battery cap on clockwise until firmly secure. Do not over tighten.



ON/OFF ACTIVATION

To turn the unit on:

1. Press and release on/off buttons (marked with an up or down arrow) on the brightness controls (5).

To turn the unit off:

1. Press and hold the down arrow for five seconds.

BRIGHTNESS CONTROLS

The Mini A-Spec offers 10 brightness settings. Settings 1 through 3 are best for low light such as dusk or dark indoor environments. Settings 4 through 7 are best for environments with mid-level brightness such as normal indoor lighting or cloudy outdoor environment. Settings 8 through 10 are best for very bright, sunny outdoor environments.

To adjust the brightness:

1. Press the appropriate up or down arrow to adjust the brightness of the dot.
2. To increase brightness press the up arrow.
3. To decrease brightness press the down arrow.

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

MOUNT TYPE

The Sightmark Mini A-Spec includes a low-profile mount (10) and AR riser mount (9) for absolute co-witness. If mounting on a bolt-action hunting rifle or shotgun, the low-profile mount (10) is recommended. If mounting on flat top AR-15 rifle, it is recommended the AR riser mount (9) be installed for an absolute co-witness with iron sights.

To remove the base:

1. Use the included torx key to loosen and unscrew the two assembly screws (7) attaching the sight to the mount.
2. Separate the sight from the mount.
3. Select the desired mount to attach the sight to.
4. For a semi-permanent fixture, a small amount of blue Loctite® may be applied to the threading of the two assembly screws. Tighten and secure the two screws by applying 20-inch pounds of torque. (Do not over tighten.)



Low-Profile Mount



AR Riser/Cowitness Mount

MOUNTING

The Mini A-Spec is designed to mount to both Weaver and Picatinny rails. For safety, it is best to have at least three to four inches of eye relief.

To mount:

1. Loosen the mounting screw (7) on the mount. Attach the Mini A-Spec to the firearm's rail with the objective lens (1) facing toward the muzzle.
2. Make sure the recoil bolt is positioned in the groove of the rail and the unit is fully seated on the rail.
3. Tighten the hex nut to 35 to 45 in/lbs of torque using the included hex wrench. Do not overtighten.

The Mini A-Spec is compatible with optic-ready pistols such as the S&W® M&P® Core® and Glock® MOS pistols. It can also be installed on specific handgun models with the purchase of Sightmark pistol mount accessories. Pistol mount bases include:

Beretta® for models 92/96/90-TWO

1911 standard

Glock® with standard frame (1.18" width)

Sig Sauer® P226

Springfield® XD models

Smith & Wesson® M&P models

HK® USP

To install the Mini A-Spec on an optic-ready pistol, follow the manufacturer's mounting instructions. The pistol manufacturer's mounting hardware and screws should be used to mount the Mini-Shot A-Spec.

To install the Mini A-Spec onto a pistol using a Sightmark pistol mount base please read the following instructions. It is recommended to use a qualified gunsmith to remove the rear sight from your handgun. Using improper tools or improvised removal methods can damage your pistol. Once the rear sight is removed:

1. Remove the pistol mount base and dovetail piece from the packaging.
2. Insert the dovetail piece into the slot where the rear sight was installed.
3. Next, the mount base is placed on top of the slide over the dovetail. Secure the two Philips screws by applying 20-inch pounds of torque. Once tightened the dovetail and baseplate will provide a press fit. For a semi-permanent fixture, a small amount of blue Loctite® may be applied to the threading of the two screws.
4. The Mini A-Spec is then placed on the mount base. The four holes on the bottom of the Mini A-Spec will align with the four pins on the mount base.
5. Secure the Mini A-Spec to the mount base using the two hex screws that were included with your pistol mount base. Secure the two Philips screws by applying 20-inch pounds of torque. For a semi-permanent fixture, a small amount of blue Loctite® may be applied to the threading of the two screws.



(Mount Mini A-Spec directly to pistol mounting hardware without using the included mounts)

OPERATING THE WINDAGE AND ELEVATION ADJUSTMENTS

The Sightmark Mini A-Spec has built-in windage and elevation adjustments (2, 3) with clicks. The Mini Shot has 1 MOA clicks so each click moves the point of impact 1" at 100 yards, ½" at 50 yards, and ¼" at 25 yards. In order to make windage and elevation adjustments:

1. Use a flathead screwdriver 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" arrows marked on the adjustments.
3. For elevation adjustment, turn the adjustment counterclockwise to adjust the bullet's point of impact up. Turn the adjustment clockwise to adjust the bullet's point of impact down. For windage adjustments, turn the adjustment counterclockwise to adjust the bullet's point of impact right. Turn the adjustment clockwise to adjust the bullet's point of impact left.

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 how to Boresight, which 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 to fifty yards away when sighting in. 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 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.

MAINTENANCE

Proper maintenance of the Sightmark Mini A-Spec is recommended to ensure longevity. It is recommended that when the sight becomes dirty, 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 A-Spec is securely attached to your rifle before storing, and be sure that the reticle illumination is turned off. Cover with the included rubber cover. Remove the battery if the unit will be stored for an extended period of time.



WARNING

Before handling the Sightmark Mini Shot M-Spec 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 reflex 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.

TROUBLESHOOTING

Proper authorization is required before shipping any product back to Sightmark. Failure to obtain authorization could result in your product being returned to the wrong address, lost, or damaged. Sightmark is not liable for products returned without authorization.

If the Mini A-Spec does not hold zero:

1. Verify the sight is mounted securely to the rifle. If the sight can be shifted in any direction, re-tighten the mount according to the mounting instructions but do not over tighten. The sight will need to be re-zeroed afterwards.
2. Be sure to use factory-loaded ammunition of the same bullet type, weight, and, preferably lot number when sighting in.

TROUBLESHOOTING (CONTINUED)

The reticle does not illuminate:

1. Check that the battery is in working order and that the polarity of the battery is correct.
2. Check that there is no residue, film, or corrosion on the battery contacts that may be preventing the reticle from illuminating.

The reticle is blurry and not in focus:

1. Decrease the brightness level of the reticle. The halo or fuzzy appearance is caused by excess illumination than is required for the current environment the sight is being used in.
2. Make sure the eyepiece lens is clean and does not have any film, fingerprints, or debris covering the surface. Blow off any debris or dirt covering the lens. Use a lens cloth or q-tip dipped in alcohol to remove any film or fingerprints.
3. If you are testing the product at a close range, 5 yards or less, to verify its on/off operation, the eye will accommodate and focus either on the sight's reticle or the target you are observing not both. Test the product beyond 5 yards and focus your eye on the target, then the reticle and target should be in focus.

The reticle illumination turns off while firing:

1. Tighten the battery cap with a coin or flathead screw driver so the cap is fully seated.

SIGHTMARK WARRANTY

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

ADDITIONAL LANGUAGES

Please visit www.sightmark.com for additional languages of this manual.

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www.sightmark.com