

S I G H T  M A R K[®]

USER MANUAL

REFLEX SIGHT

Ultra Shot Pro Spec



English / Français / Español

ABOUT SIGHTMARK®

Sightmark offers a wide range of products that include red dot scopes, reflex sights, rangefinders, riflescopes, laser sights, night vision and award-winning flashlights and boresights. Sightmark products are inspired by military and law enforcement applications. All products are designed to be the most effective weapon accessories possible.

Sightmark - MAKE YOUR MARK

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www.sightmark.com

Ultra Shot Pro Spec 1-6

Ultra Shot Pro Spec 7-12

Ultra Shot Pro Spec..... 13-18

ENGLISH

FRANCAIS

ESPAÑOL



ENGLISH



FEATURES:

- InterLok™ internal locking system
- Aluminum body with metal protective shield
- Wide field of view
- Multi-reticle (4 patterns)
- Adjustable reticle brightness
- Night vision compatible
- Parallax corrected
- Unlimited eye relief
- Adjustable quick detach weaver mount
- Water-resistant and shockproof
- Low power consumption
- Side mounted red laser*

**on SMT4003 model only*

INCLUDES:

- Neoprene cover
- Adjustment tools
- Batteries
- Pressure pad*
- Limited Lifetime Warranty

**SMT4003 model only*

TECHNICAL SPECIFICATIONS

SM14002

Magnification	1x
Objective, mm	33x2
Field of view (m @ 100yds)	36
Eye relief	Unlimited
Coating	AR red
Water resistant	yes
Reticle	multi (4 patterns)
MOA adjustment	1 click
Battery type	CR1620
Brightness settings	1-3, NV1, NV2
Max caliber	up to .50
Battery life	20 hrs, high
Operating temperature	-10 to 50°C
Dimensions	90x57x57mm
Weight	7.7oz

SM14003

Magnification	1x	Laser Wavelength	632-650nm
Objective, mm	33x24	Laser type	Red, Class IIIA
Field of view (m @ 100yds)	36	Laser power output	5mW
Eye relief	Unlimited	Dot size in @100yds	2
Coating	AR red	Visibility Range, yds	18 day/ 274night
Water resistant	yes	Battery type	2xAG13
Reticle	multi (4 patterns)	Battery life	4hrs
MOA adjustment	1 click		
Battery type	CR1620		
Brightness settings	1-3, NV1, NV2		
Max caliber	up to .50		
Battery life	20 hrs, high		
Operating temperature	-10 to 50°C		
Dimensions	90x75x57mm		
Weight	9.1oz		

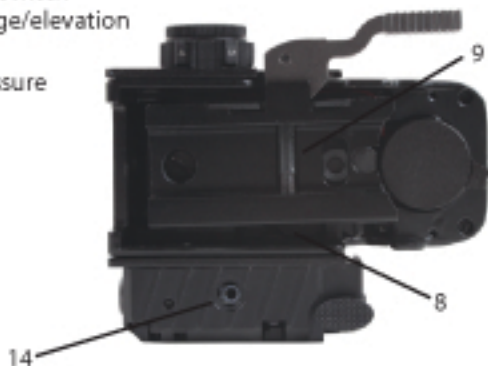
DIAGRAM

1. Objective lens
2. Brightness control knob
3. Reticle selection knob
4. Windage adjustment
5. Elevation adjustment
6. Battery compartment
7. Quick detach lever
8. Adjustable nut
9. Crossbolt



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10. Side mounted red laser
11. Laser battery door
12. Laser on/off switch
13. Laser windage/elevation adjustments
14. Remote pressure pad outlet



ULTRA SHOT PRO SPEC AND ULTRA DUAL SHOT PRO SPEC

The Sightmark Ultra Shot Pro Spec series of reflex sights are lightweight, durable, and accurate designed to maintain in all-important peripheral vision and depth perception while shooting. Due to its parallax free window construction of a dual layer of fused glass, the Ultra Shot Pro Spec is capable of supreme accuracy at various ranges. Perfect for shotguns or rifles, the Sightmark Ultra Shot Pro Spec is able to withstand heavy recoil. It comes with four different reticle patterns each with variable brightness control including night vision compatible brightness modes. The adjustable quick detach capability makes the Ultra Shot Pro Spec a customizable reflex sight in a class by itself. The Ultra Shot Pro Spec comes with Sightmark's Limited Lifetime Warranty.

BATTERY INSTALLATION

The Sightmark Ultra Shot Pro Spec Reflex Sight is powered by (1) CR1620 battery.

To insert, remove or replace the reflex sight's batteries:

- 1) Unscrew the battery compartment cover (5) off the end of the brightness control knob (1) counter clockwise with a flat head screwdriver.
- 2) Remove the old battery from the battery compartment.
- 3) Insert the new battery with the positive (+) side up and replace the cover.
- 4) Screw on the battery compartment cover clockwise with a flat head screwdriver.

**The reticle is not visible by the naked eye when set on night vision mode, determine the reticle is not set on night vision mode before replacing the battery.*

The Sightmark Ultra Dual Pro Spec Reflex Sight features a side-mounted red laser. This red laser is powered by (2) AG13 batteries. To install/replace the batteries:

- 1) Find the battery door (11) located on the red laser (10) and using the supplied screwdriver, unscrew counter clockwise the screws which hold the battery door in place.
- 2) Remove the door and place an AG13 battery into each compartment making sure that the polarity is facing the correct direction.
- 3) After inserting the batteries, replace the battery door and the screws. Tighten the screws clockwise until the door is firmly in place. Do not over tighten as this may strip the screws.

SELECTING THE RETICLE

The Sightmark Ultra Shot QD Digital Switch Reflex Sight has the option of four different reticles. To select the desired reticle, adjust the reticle selector to the (4) left or right.



OPERATING THE BRIGHTNESS CONTROL KNOB

Sightmark Ultra Shot Pro Spec Reflex Sights are activated using the brightness control knob. There are three daytime brightness settings, and two night vision mode settings. In order to activate the reflex sight, look through the objective lens (1), and rotate the brightness control knob (2) to the desired setting. The reticle should appear.

USING THE NIGHT VISION MODE

The Ultra Shot Pro Spec Reflex Sights come with a night vision mode feature. This mode significantly decreases reticle brightness allowing the sight to be used in conjunction with night vision systems like the Sightmark Ghosthunter 2x24 riflescope kit or PVS-14 night vision systems. There are two night vision settings, "NV1" and "NV2". "NV1" is intended for use with generation 1 night vision systems. "NV2" is intended for use with generation 2 and generation 3 night vision systems. When turning the unit off, confirm that the unit is set to "0" (off) not "NV1" or "NV2" in order to preserve battery life.

MOUNTING

The sight includes an integrated rail that fits standard weaver bases. For safety reasons, allow at least 3 inches of clearance between the end of the Ultra Shot and your eye when shooting. To mount:

- 1) Flip the quick detach lever (7) on the side, this will loosen the mount.
- 2) Place the unit on the rail with the objective lens (1) facing towards the muzzle and reticle selection knob (2) toward the shooter.
- 3) Confirm the sight is sitting flat on top of the rail, and that the cross bolt (9) is located in a recoil groove.
- 4) When the sight is in place, flip the quick detach lever back until it locks in place.

To adjust the mount:

- 5) Remove the sight from the weaver mount. Underneath the unit is an adjustable nut (8) that when loosened or tightened adjusts the width of the mount. Adjust as needed with the wrench tool.
- 6) Repeat steps 1-6 until the reflex sight mounts securely to the firearm.

OPERATING WINDAGE AND ELEVATION ADJUSTMENTS

In order to make windage and elevation adjustments (4, 5) the included allen wrench is needed. "Up" and "R (right)" are marked on the sight for adjustment reference. Rotate the adjustment with the allen wrench as needed to adjust the reticle to the point of impact. The windage and elevation adjustments are 1MOA, meaning that 1 click moves the point of impact 1 inch at 100 yards.

OPERATING THE SIDE-MOUNTED RED LASER

The Ultra Dual Shot Pro Spec features a side-mounted laser (10), ideal for close combat scenarios. The laser has built-in windage and elevation adjustments (13) that allow the laser to be accurately sighted in with your rifle. To operate the laser:

- 1) Located the red laser on/off switch (12) and push the switch down to activate.
- 2) Push the switch up to deactivate the laser.

The side-mounted red laser includes a pressure pad for quick on/off capability. Attach the pressure pad to the remote pressure pad outlet (14) located underneath the red laser. In order to turn the laser on, press the pressure pad with your finger tips. Attach the pressure pad to your firearm that allows for easy access.

Warning: NEVER point the red laser designator directly at, or into someone's eye. This may cause damage to the eye, or blindness. Avoid looking directly into the laser. Avoid shining the laser into mirrors or other reflective surfaces.

Note: Due to visual restrictions of 5mW red lasers at greater distances in daylight, the most effective application is for close range/ CQB scenarios. Shooters should evaluate the recurrent firing range in their scenarios and sight the laser to their firearm's point of impact at that range.

STORAGE

Make sure that your Sightmark reflex sight is securely attached to your rifle before storing, and be sure the unit is turned off (*set the intensity level to zero*). Cover with the included neoprene cover. Remove the reflex sight, and the batteries, if the unit will be stored for an extended period of time.

MAINTENANCE

The body of this reflex sight may be cleaned using a soft cloth and water, or alcohol, when exposed to dirt, dust or other residue. To clean the lenses, first gently blow or brush off any particles using a soft cloth. Then you may dip the soft cloth into a lens cleaning solution and use it to wipe the lens until it is clear.

WARNING

Before handling the reflex sight, read and understand the contents of your firearm's manual, and the Sightmark reflex sight 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.
 - ALWAYS remove the reflex sight when cleaning, or performing other maintenance, on your firearm.
 - The reflex sight 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.

SIGHTMARK LIMITED WARRANTY

Please visit www.sightmark.com for warranty information.