

S I G H T  M A R K[®]

USER MANUAL



REFLEX SIGHT

Ultra Shot Plus

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.

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ULTRA SHOT PLUS

An improved version of the Ultra Shot™ QD Digital Switch Reflex Sight, the Sightmark® Ultra Shot™ Plus features several enhancements requested by customers. The device is powered by a common CR123A battery, giving it up to 2,000 hours of continuous use. Ideal for close-range, fast-moving targets, the Ultra Shot™ Plus is equipped with a red/green illuminated reticle and digital switch button on the side to adjust variable brightness settings in any lighting condition.

FEATURES:

- Cast aluminum alloy housing with protective shield
- Red and green reticle illumination
- Low power consumption
- Digital switch controls
- Multiple reticles
- Interlok™ internal locking system
- IPX4 water resistant (weatherproof)
- Shockproof (.50 cal)
- Wide field of view
- Parallax corrected
- Adjustable quick detach weaver mount
- Unlimited eye relief

INCLUDED:

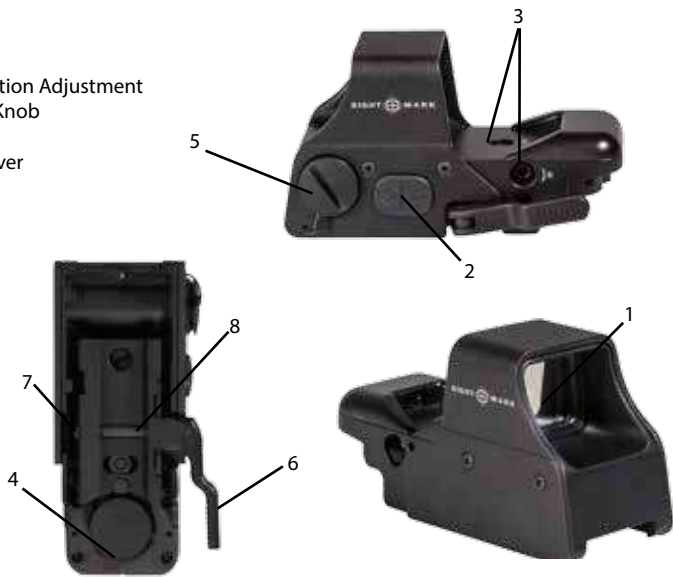
- Neoprene cover
- Adjustment tools
- Battery
- Manual

TECHNICAL SPECIFICATIONS

Reticle type	4 Pattern - 5 MOA dot, 3 MOA dot with 50 MOA circle, 3 MOA dot with 50 MOA crosshair, 3 MOA dot with 30 MOA circle/crosshair (subtensions total 50 MOA)	IP rating	IPX4 weatherproof
		Lens coatings	AR Silver
		Mount type	weaver/picatinny
		Battery type	CR123A
Illuminated Reticle color	Red and Green	Battery life	180-2000hrs
Brightness settings	Off, 1-5	Operating temperature	0-120
Magnification	1x	Dimensions	113x58x61
Field of view (ft@100yd)	105	Weight	9.2oz
Eye relief	unlimited		
MOA adjustment (1 click)	1 MOA		
Finish/color	Matte black		
Body material	Aluminum		
Parallax setting	25yd		
Maximum recoil	up to .50 cal		

DIAGRAM

1. Objective Lens
2. Digital Switch
3. Windage & Elevation Adjustment
4. Reticle Selector Knob
5. Battery Cap
6. Quick Detach Lever
7. Adjustment Nut
8. Crossbolt



INSTALLING THE BATTERY

The Sightmark Ultra Shot Plus Reflex Sight is powered by a CR123A battery. Should the reticle grow dim or not illuminate, the battery needs to be replaced. To install a new battery:

1. Unscrew the battery cap (5) counter-clockwise with a coin or flathead screw driver.
2. Insert the new battery with the positive (+) side facing down
3. Screw the battery cap on clockwise until firmly secure. Do not over tighten.
4. Screw the assembly set screws clockwise with the allen wrench until firmly secure. Do not over tighten. Note: A small amount of removable thread locker can be applied to the assembly set screws prior to reassemble.

OPERATING THE ON/OFF SWITCH

In order to activate the Sightmark Ultra Shot Plus:

1. Look through the objective lens (1) of the unit and press the left side of the digital switch (2) marked with the power symbol to turn the unit on. The reticle will turn on at brightness level 2 for indoor use.
2. To change the color of the reticle, press the left side of the digital switch marked with the power symbol to switch between red and green.
3. To cycle through the brightness settings, press right side of the digital switch (2) marked with the brightness symbol. Levels 1 to 3 are best for indoor settings. Levels 4 and 5 are best for bright outdoor settings. Note: using the brightest reticle setting indoors will cause the reticle to appear blurry and have a halo around the reticle pat-



tern. This is not a defect, and the reticle brightness needs to be reduced to levels 1 to 3.

4. To turn off, press and hold the left side of the digital switch (2) for two seconds and release. The unit will turn off.

Note: *the Ultra Shot Plus has a 1 hour auto shut off. This saves battery life in case of accidental activation. If the unit is used for more than 1 hour of use and turns off, simply press the on/off switch to turn the unit back on.*

SELECTING THE RETICLE

The Sightmark Ultra Shot Plus Reflex Sight has four different reticles. To select the desired reticle, adjust the reticle selector knob (4) to the left or right.

MOUNTING

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

1. Flip open the quick detach lever (6) on the side of the sight. This will loosen the mount.
2. Place the unit on your firearm rail with the objective lens (1) facing towards the muzzle.
3. Confirm the sight is sitting flat on top of the rail and that the crossbolt (8) is located between the grooves on the rail.
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 (7) that when loosened or tightened adjust the width of the mount. Adjust as needed with the included wrench tool.
6. Repeat steps 1-6 until the reflex sight mounts securely to the firearm.

OPERATING THE WINDAGE AND ELEVATION ADJUSTMENTS

In order to make windage and elevation adjustments (3) 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 1 MOA, meaning that 1 click moves the point of impact 1 inch at 100 yards.

MAINTENANCE

Proper maintenance of the Sightmark Ultra Shot Plus 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. No further maintenance is required.

STORAGE

Make sure that your Sightmark Ultra Shot Plus Reflex Sight is securely attached to your rifle before storing, and be sure that the unit is turned off. Cover with the included neoprene cover. Remove the batteries if the unit will be stored for an extended period of time.

WARNING

Before handling the Sightmark Ultra Shot Plus, 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.

TROUBLESHOOTING

Never ship back a product without getting proper authorization beforehand. Doing so could result in losing the product due to a multitude of reasons, i.e. sending it to the wrong address and other problems associated with unexpected packages.

The reticle is blurry and not in focus

Make sure the lens and the LED aperture (lens where the reticle projection exits from) are clean and do not have any film, fingerprints, or debris covering their surface. Blow off any debris or dirt covering the lens of the lens aperture. Use a lens cloth or Q-tip dipped in alcohol to remove any film or fingerprints.

The Ultra Shot Plus is parallax free after 25 yards. 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 so the reticle and the target are on the same focal plane.

The unit does not turn on

Try replacing the battery. Also check the battery polarity and follow the manual's instruction for correct installation.

The unit does not turn off

The Ultra Shot Plus requires the button to be pressed for 2 seconds to turn the unit off. If your unit will not turn off, try replacing the battery. If this continues, the unit should be returned for warranty service.

The reticle has a halo around it

Decrease the brightness level of the reticle. The halo is caused by excess illumination than is required for the current environment the sight is being used in. Halo is common occurrence when the sight is being used indoors or on a cloudy day, and the sight is set to the highest daytime setting. Decrease the brightness level of the reticle to make the reticle appear correct.

The unit is not holding zero

Please double check that the sight has no fore and aft movement. If it does, the QD mount's tension needs to be increased. Instructions on adjusting the QD tension are found at the end of the section on mounting the Ultra Shot Plus. It is recommended to use the same manufacturer of ammo and grain when zeroing the sight. If the sight will still not hold zero, please send the unit in for warranty service.

The unit turns off while firing

Tighten the battery cap with a coin or flathead screw driver so the cap is fully seated. The spring of the contact under the battery cap may also be pulled up slightly in order to increase tightness so contact is ensured.

SIGHTMARK LIMITED WARRANTY

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

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