

SIGHT MARK®

USER MANUAL



LOPRO MINI COMBO

SM25012EU
SM25012DE-EU



LOPRO COMBO

SM25013EU



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.



SIGHT MARK®
MAKE YOUR MARK

FEATURES:

- Low profile design
- Reliable and durable
- Push button or pressure pad operation
- Hand adjustable windage/elevation adjustments
- Weatherproof
- Lightweight and Shockproof
- Digital switch operation
- High output LED

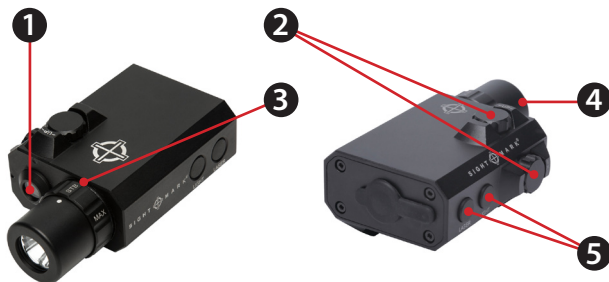
INCLUDED:

- Pressure Pad
- CR123A Battery
- Limited Lifetime Warranty

Technical Specifications:		
	SM25012EU/ SM25012DE-EU	SM25013EU
Laser wavelength (nm)	520 ± 10	520 ± 10
Laser type	Class II	Class II
Laser power output (mW)	1	1
Dot size (in @ 50yd)	1.5	1.5
Laser visibility-day (yd/m)	25 / 30	25 / 30
Laser visibility-night (yd/m)	300 / 274	300 / 274
LED output (Lumens)	Max- 300 Medium- 150 Low- 5	Max- 300 Medium- 150 Low- 5
IR output (mW)	-	1800
Battery type	CR123A	CR123A
Battery life (hours)	Laser- 18 hrs Light- 48 mins to 23 hrs Laser & Light- 38 mins to 11 hrs	Laser- 18 hrs Light- 48 mins to 23 hrs Laser & Light- 38 mins to 11 hrs IR- 65 mins to 12 hrs
Adjustment value	1 MOA	1 MOA
Length (in/mm)	3.5 / 88	4.49 / 114
Width (in/mm)	2.1 / 54	2.8 / 71
Height (in/mm)	1.4 / 36	1.53 / 38.9
Weight (oz)	7	13.2

DIAGRAM

1. Laser aperture
2. Elevation/Windage adjustment
3. Battery compartment
4. Battery cap/ flashlight
5. Push buttons
6. Pressure pad
7. Light mode selector ring
8. Mounting bolt
9. Pressure pad port
10. Mini reflex mount



INSTALLING THE BATTERY

The Sightmark Lopro Laser is powered by a CR123A battery. Should the laser grow dim or not activate, the battery needs to be replaced.

To install a new battery:

1. Unscrew the battery cap/ flashlight (4) counterclockwise from the battery compartment (3).
2. Remove the battery.
3. Insert a CR123A battery negative (-) side first.
4. Screw the battery cap or flashlight clockwise onto the battery compartment. Do not over tighten.

OPERATING THE LASER/ LIGHT

In order to activate the Lopro Laser locate the labeled laser/ light push button (5).

1. Push the button down.
2. A click should be heard and the laser/light will activate.
3. Repeat step 1. Once the click is heard the laser/light will deactivate.

In order to activate the Lopro Laser with the pressure pad (6):

1. For momentary activation, press and hold on the pressure pad. A click should be heard and felt.
2. To turn the laser/light off, release pressure off the pressure pad. A click should be heard and felt.

In order to choose between laser, light, and both activating when pressure pad is used:

1. With the pressure pad attached set unit to the mode you want. (laser, light, or both)
2. Turn the unit off. Both laser and light need to be turned off quickly(within a second of each other) if both are selected to be activated or the unit will only turn on the last activated mode. (laser or light)

OPERATING THE LASER/ LIGHT (CONTINUED)

In order to choose light modes:

1. Locate light mode selector (7)
2. Rotate light mode selector to desired mode.

MOUNTING

To mount the Lopro Laser, please read and strictly adhere to the following directions:

1. First unload the weapon. Remove the bolt/firing pin to ensure the weapon is incapable of firing.
2. Locate the mounting screw and loosen it enough to allow the mount to fit over the Picatinny rail.
3. Position the unit and tighten the mounting screw. Torque rating to tighten should be no more than 30-35 in/lb or 3.4 – 3.9 Nm.

ZEROING THE LASER

Zeroing and test firing should be performed safely on a firing range. Laser boresights are a quick and accurate method to sighting in all weapon sights. If the firearm's optical sight is already zeroed, the laser can be zeroed by aligning the laser dot to the crosshair's center. Adjustments to the laser dot are made by operating the windage and elevation adjustments.

OPERATING WINDAGE AND ELEVATION ADJUSTMENTS

In order to make windage and elevation adjustments:

1. Locate the windage and elevation adjustments (2).
2. Rotate the windage and elevation adjustments to move the alignment of the laser dot. Each click is 1 MOA value, meaning that 1 click moves the point of impact 1 inch at 100 yards (2,91 cm at 100 meters) or ½ inch at 50 yards (1,45 cm at 50 meters).

MAINTENANCE

Proper maintenance of the Sightmark Lopro Laser is recommended to ensure longevity. It is recommended to remove the battery to ensure the laser will not activate during maintenance procedures. When the sight becomes dirty it should be wiped down with a dry or slightly damp cloth. To clean off dirt, debris, or oils from the laser's aperture, first make sure the laser is deactivated. Apply denatured alcohol to the cotton swab first and using small circular motions clean the laser's lens with the cotton swab. Allow the alcohol to evaporate. Afterwards, use your breath to fog the lens. Immediately afterwards use a new cotton swab to clean the lens again to remove any residue. No further maintenance is required.

WARNING

Before handling the laser sight, read and understand the contents of your firearm's manual, and the Sightmark Lopro Laser manual. Follow all standard safety precautions and procedures during firearm operation, even when the laser sight is not in use.

- NEVER point the laser sight directly at, or into, an 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.
- ALWAYS check the chamber of your weapon is clear before mounting or dismounting the laser sight.
- The laser 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.

CAUTION-USE OF CONTROLS OR ADJUSTMENT OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.



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.

1. **The unit does not turn on** - Try replacing the battery. Also check the battery polarity and follow the manual's instruction for correct installation.
2. **The unit is not holding zero** - Check the mount is securely attached to the firearm. Also verify the laser sight is mounted securely in the mount. If there is any shifting, retighten the mounting system according to the mounting instructions, but do not over tighten.
3. **The unit turns off while firing** - Tighten the battery cap so the cap is fully seated.
4. **The laser dot is blurry** - Blow off any dust or debris from the lens on the laser aperture. Next, clean any oils on the lens of the laser aperture with a small cotton swab and denatured alcohol. See maintenance section in this manual



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