



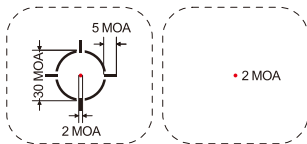
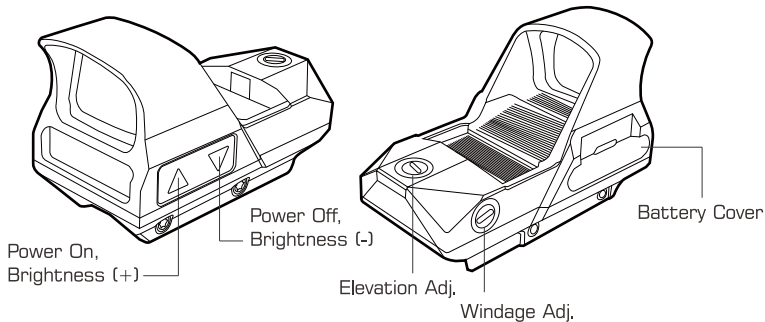
PRODUCT MANUAL

STO SERIES



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PRODUCT DESCRIPTION



MODEL

STO-30T/STO-30D/STO-38T

Magnification

0.95~1.05 Times

Reflector Lenses

Red Film Lenses

Aiming Point Size

2MOA

Parallax In Any Direction

≤2.0MOA IN ANY DIRECTION

Objective Lens

Clear Aerture

Parallax Correction

33YDS

Light Source

Red Light

Impact

1500g, 500circle

Waterproof

1m, 30min

Storage Temperature

-20~+50, 2h

Operating Temperature

-20~+50, 2h

Adjustment Range

≥45moa In Any Direction

Electronic Adjustment

0-10 Gear

Shake Awake

Yes

Battery

CR2032

- **Illumination:** 10 bright settings with fully multi-coated anti-reflective lenses that increase light transmission and clarity in any environment and zero distortion.
- **Shake Awake Technology :** Powers up when it senses motion and powers down when it does not to save battery life. The readily available CR2032 battery is side-loading, allowing for quick battery replacement without having to remove the sight from the firearm. No more Re-zeroing.
- **Built To Last :** This Red Dot Sight housed in durable yet lightweight aircraft-grade aluminum for use in any environment. IPX7 waterproof, fogproof and shockproof construction.
- **Designed for Long Gun:** Features a parallax-free, unlimited eye relief, wide field of view with 30mm open lens that greatly increases target acquisition speed and accuracy. Ideal for rifles, shotguns with 1913 picatinny rail.
- **Reticle Options:** The Reticle Options feature allows users to switch between three/four reticle patterns—a single dot, dot with circle, and dot with circle and crosshairs—providing flexibility for different shooting ranges and preferences, and enhancing aiming precision.

Power On/Off

- Press the power button to turn on the red dot sight. Press and hold the button to turn it off.

Brightness Adjustment

- Use the "+ / -" buttons to adjust the brightness of the red dot to suit different lighting conditions.

Reticle Selection

- Press and hold the "-" button to switch between different reticle patterns: single dot, dot with circle, and cross.

Reticle Selection(if available)

- Press and hold the "+" button to switch between different reticle patterns: single dot, dot with circle, and cross.

Shake Awake

- The sight remembers your last brightness setting, and automatically enters sleep mode after 225 ± 10 seconds of inactivity.

Cleaning and Maintenance

- Use a lens cloth or appropriate cleaning solution to clean the lenses; avoid scratching or damaging the coating.

Elevation Adjustment (Up/Down)

- The elevation turret is located on the top of the sight.
- Rotate the turret clockwise to move the point of impact down.
- Rotate counterclockwise to move the point of impact up.

Windage Adjustment (Left/Right)

- The windage turret is located on the right side of the sight.
- Rotate the turret clockwise to move the point of impact right.
- Rotate counterclockwise to move it left.

Click Value

- Each click moves the point of impact by 1 MOA (or your model's specific value).
- The adjustment value is printed on the turret for quick reference.

SIGHTING IN

- Following all safe shooting practices, fire a three-shot group as precisely as possible.
- Next, adjust the illuminated dot to match the approximate center of the shot group. Be sure to read Page 10 prior to making adjustments.
- Carefully, fire another three-shot group and see if the bullet group is centered on the bullseye. This procedure can be repeated as many times as necessary to achieve a perfect zero.

Red Dot Does Not Illuminate

If the red dot does not illuminate, please check the following before returning the green dot for service:

- Is the battery dead? Replace the battery.
- Is the battery installed correctly? Be sure the battery is oriented with the "+" facing away from the unit.

Dot Moves Within the Window

- This behavior is typical for any parallax-free red dot sight. The dot's position inside the window does not change the point of impact. As long as the sight is zeroed and the dot is placed on the target, the shot will land where it should.

Dot is Blooming

- Astigmatism can make the dot appear smeared, stretched, or star-shaped. Reducing the dot's brightness to a comfortable level, keeping your focus on the target rather than the dot, and aiming with both eyes open can help minimize this effect.

Red Dot Does Not Line Up with My Sights

- Iron sights operate separately from the red dot. Even if both the iron sights and the red dot are properly zeroed, they may not align with each other.



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