



SCORPION
OUTDOOR PRODUCTS

DIGITAL MANUAL



Your complete guide to Scorpion Outdoors gear, features, care and performance. Explore. Learn. Get the most out of your gear.

RS2050 RED DOT



TABLE OF CONTENTS

MISSION STATEMENT	3
MOUNTING	4
EYE RELIEF	5
SIGHTING IN	6
ZEROING THE SIGHT	7
RETICLES	8
MAINTENANCE	9
WARRANTY & SUPPORT	10
LENS CARE	11



MISSION STATEMENT

“We are obsessed with delivering superior quality, service and value in all our products. We are committed to serving the shooting community across all channels.”



MOUNTING

To achieve the best performance from your firearm and your Scorpion RS2050 Red Dot Sight, your Red Dot Sight must be mounted properly. Your Scorpion RS2050 Red Dot Sight comes with a quick release mount that works with picatinny rails.





EYE RELIEF

1. The Red Dot Sights have unlimited eye relief that means you can mount the sight at any distance from your eye as long as you feel comfortable and have the desired field of view you needed. You certainly do not want to mount it at too close to your eye as you want to be sure that the distance between the sight and your eye is long enough to prevent any potential injury caused by recoil from your firearm.
2. Once you find the position, just tighten the mount on the base or rail on top of your rifle.



SIGHTING IN

Sighting In of a red dot is mostly started at a range of 25 yards. This is easier than trying to sight at 50 yards and will get you on the paper at that distance, so to save time and money at the shooting range. We highly recommend using a stable shooting rest when Sighting In.



ZEROING THE SIGHT

1. Ideally set the rifle on a two or three holding point gun rest, and then fire three rounds at a target 50 yards away. Observe the bullet holes on the target and calculate how far those bullet holes are off the center of the target, and then adjust windage and elevation knobs by using the wrench provided to move the center of reticle up, down, left or right. Fire another three rounds, then observe and adjust. Repeat this step as necessary until the three round bullet holes are perfectly aligned with the center of the target.
2. Setting the Windage and Elevation of the RS2050 Red Dot Sight is done with a 1/8" Allen key. Once a rifle has been sighted in your zero position should be locked and ready for your target at any time.

The RS2050 Red Dot Sight has a 1 MOA click value for elevation and windage adjustment. MOA, a unit of angular measurement, is defined as a minute of angle, a minute is a 1/60th of one degree and 1/21600th of a circle. One MOA equals 1.047 - inch (rounded down to one inch) at 100 yards, two inches at 200 yards and to ten inches at 1000 yards. 1 MOA per click takes 1 click to move point of impact one inch at 100 yards.



RETICLES



The RS2050 Red Dot Sight has a 1x magnification multi reticle red and green.

ILLUMINATION

The illumination switch is set on the side of the scope chassis. The has total 7 illumination settings, 5 settings for daylight and 2 for night vision. Press either red or green to turn the unit ON. Press and hold either red or green button for 5 seconds to turn it OFF. The red or green buttons make the reticle brighter till it goes thought its settings back to dim. The illumination for RS2050 is powered by 3x LR754 batteries. Remove the battery chamber cap by turning it counter-clockwise and then set the batteries with the positive (+) side facing up. Reinstall the cap by turning it clockwise, **DO NOT OVER TIGHTEN.**



MAINTENANCE

Disassembling or cleaning the sight internally will void the warranty. If the sight requires repairs, please refer to the warranty section for complete instructions.

The external optical surfaces should occasionally be wiped clean. Use the lens cloth provided or an optical quality lens paper to wipe out dust or dirt on the external lens surface.

If large sand particles or heavy dirt contamination is observed, remove using soft brush or by blowing them away. Apply lens cleaning liquid before wiping off. Always keep the protective lens covers in place when the scope is not in use to avoid dust collecting on the surface of the lenses. Store the unit in a low-humidity environment.



WARRANTY & SUPPORT



You need to be able to trust that your optics will perform as you expect it to. When you buy Scorpion products, you're not just buying a riflescope, or a range finder, you're buying a tool.

A tool you know that you can depend on to get the job done. That's why here at Scorpion Optics we're proud to stand behind our products to provide you with the best possible service because you work hard, and we believe your optics should too.

*Notice: Does not cover loss, theft, deliberate damage, removal or serial number, unauthorized repair or modifications disassembly, misuse, normal wear and tear, scratched lens determined as non-manufacturer defect, abuse, or cosmetic damage that does not hinder the performance of the optic.

Learn more at www.Scorpionoutdoors.com info@scorpionoutdoors.com • 1-866-225-6774



LENS CARE

LENS CARE

Maintain the optical brilliance of your binocular by keeping lens surfaces free of dirt, oils, and dust.

PROTECT LENSES WHILE OUT IN THE FIELD

Make use of the provided eyepiece and tethered objective lens covers to protect the lenses when not viewing. If the optics are exposed to moisture, keep the caps off and allow the optics to dry out completely before putting them in the case for storage.