



RITON

1 TACTIX

RRD



TABLE OF CONTENTS

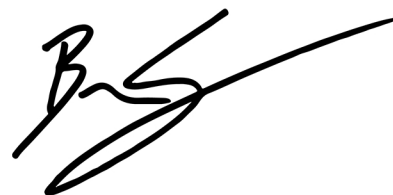
3	OPTIC SPECIFICS
5	EXPLANATION OF MOA
6	RED DOT INFORMATION
7	ILLUMINATION SETTINGS
7	CHANGING THE BATTERY
8	MECHANICAL ZERO, WINDAGE AND ELEVATION
9	MOUNTING THE RRD
10	BORE SIGHTING
10	ZEROING YOUR RRD
11	TROUBLESHOOTING
11	WARRANTY

THANK YOU FOR CHOOSING RITON OPTICS.

We know that you have many options and we are thankful for selecting Riton as your optics provider.

As a company founded by Law Enforcement and Military Veterans, we take our commitment to service seriously. We have an unwavering passion for offering high quality optics at the industry's most competitive prices and matched by incredible service. You will see the difference in everything we do because we are different, and we developed this company to be exactly that so that you, the consumer, get everything you deserve. If you are ever in need of additional information or assistance, please contact us. We are here to continually serve you as a valued partner.

"RITON WAS BUILT OUT OF THE BELIEF THAT A PERSON'S HARD-EARNED DOLLAR SHOULD BUY QUALITY OPTICS AND THE BEST SERVICE AT EVERY PRICE POINT."



BRADY SPETH - FOUNDER AND CEO

1 TACTIX RRD

OPTIC SPECIFICS

The 1 Tactix RRD is the perfect combination of durability and functionality. Weighing only 9.5 ounces, the 1 Tactix RRD features a 2 Minutes of Angle (MOA) red dot with 6 levels of brightness and night vision compatibility. It can run up to 40,000 hours on one single CR2032 battery and comes standard with a skeletonized, cantilever mount.

DETAILED PRODUCT FEATURES:

- / 1 MOA Windage and Elevation Adjustment
- / 6 Levels of Red Illumination Featuring On/Off Between each level
- / 40,000 Hours Battery Life
- / Assembled in EP-Level Clean Room
- / 100% Waterproof, Fog Proof and Shockproof (tested up to 1200 G's)



TECHNICAL SPECIFICATIONS



MAGNIFICATION:	1
PARALLAX ADJUSTMENT:	Fixed at 50 Yards
TUBE DIAMETER:	30mm
OBJECTIVE LENS DIAMETER:	29mm
LENS COATING:	Fully Multi-Coated, Full Wide Band, Waterproof Coated, Low Light Enhancement
MATERIAL:	6061-T6
WEIGHT:	9.5oz/269g
LENGTH:	3.76in/95.5mm
EYE RELIEF:	Unlimited
CLICK VALUE AT 100 YDS/MM:	1"
ADJUSTMENT RANGE:	120 MOA

EXPLANATION OF MINUTE OF ANGLE (MOA)

MOA unit of arc measurements are based on degrees and minutes. There are 360 degrees in a circle and 60 minutes in a degree for a total of 21,600 minutes (MOA) in a circle. A minute of angle will subtend 1.05 inches at a distance of 100 yards.

ADJUSTING YOUR REDDOT

Use the chart below to determine the clicks needed to adjust your point of impact. The chart below is based on 1 MOA adjustments.

100 YARDS	200 YARDS	300 YARDS	400 YARDS	500 YARDS
1 IN	2 IN	3 IN	4 IN	5 IN

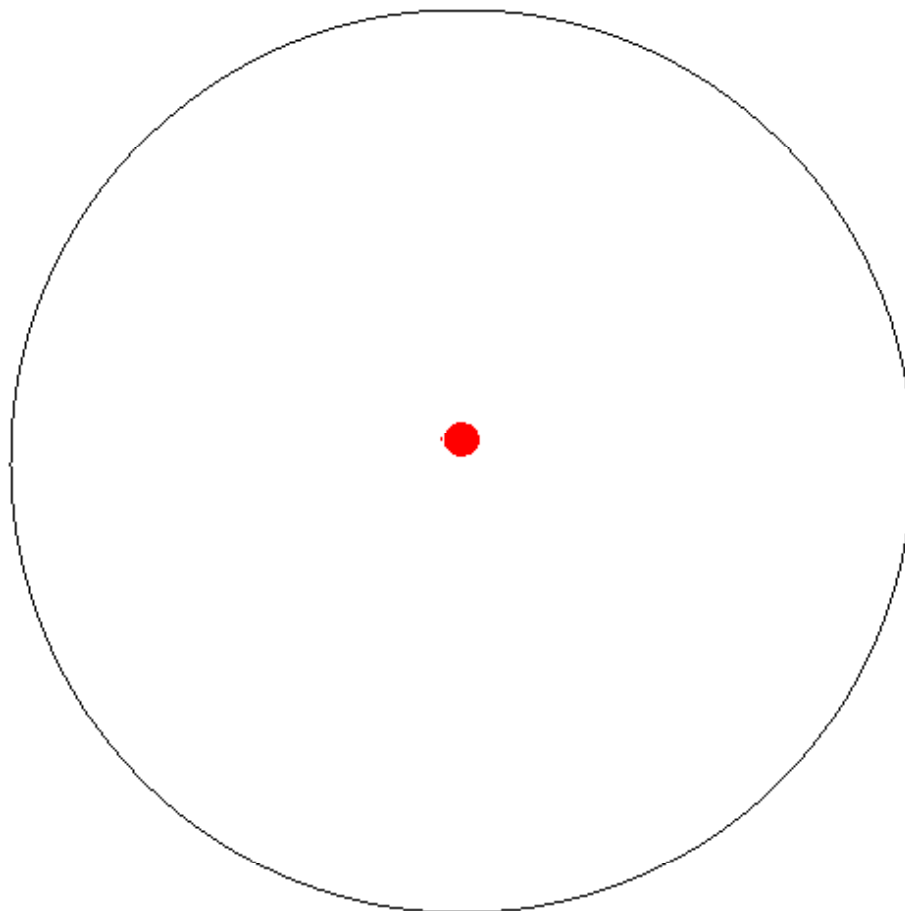
*Graduations can be calculated at additional distances beyond 500 yds.



For more information on MOA and MRAD, scan the QR code above for an in depth video from Riton University

RETICLE INFORMATION

The Riton 1 Tactix RRD is equipped with a 2 MOA Red Dot



2 MOA CENTER DOT
NIGHT VISION COMPATABLE ON LEVELS 1-2

ILLUMINATION SYSTEM

The variable intensity reticle illumination system aids in low light situations.

TO ACTIVATE THE ILLUMINATION:

1. Rotate the adjustment knob in either direction.

Note - The illumination knob allows for 6 levels of brightness intensity.



CHANGING THE BATTERY

Your Riton 1 RRD uses a CR2032 battery.

TO CHANGE YOUR BATTERY:

1. Unscrew the outer cap.
2. Remove the battery.
3. Replace with a new CR2032 battery with positive side out.
4. Re-install the battery cap and be sure to tighten fully.



MECHANICAL ZERO

Your Riton 1 Tactix RRD is pre-set from the factory with the dot in the center of the adjustment ranges.

TO FIND FACTORY ZERO:

1. Dial turret one direction until it will no longer rotate.
NOTE - Do not force the turret past it's stopping point.
2. Dial turret opposite direction counting how many MOA it turns.
3. Divide that total number of MOA in half and dial to that number for your factory zero.
4. Complete this procedure for both windage and elevation dials to approximately center the dot.





MOUNTING YOUR REDDOT

1. Loosen the nut on the bottom of the RRD base. Then attach the lower half to the rail/base and make sure this is solidly seated in the base groove.
2. If you plan to mount the 1 Tactix Mag3 behind your Reddot, be sure to leave sufficient space for this.
3. Before tightening the scope ring screws, adjust for maximum eye relief to avoid injury from recoil.

Note - If using Riton scope rings or mount, the recommended torque specs are 45 in/lbs for the base and 18 in/lbs for the top halves of the rings.



For more information on Mounting, scan the QR code above for an in depth video from Riton University

BORE SIGHTING

Bore sighting is a preliminary procedure to achieve proper alignment of the scope with the rifle's bore. Initial bore sighting of the riflescope will decrease the amount of time and ammunition you need to use at the range.

This can be done by using a mechanical or laser bore sighter according to the manufacturer's instructions or by removing the bolt and sighting through the barrel on some rifles.

TO BORE SIGHT YOUR RED DOT:

1. Place the rifle solidly on a rest and remove the bolt.
2. Sight through the bore at a target approximately 50 yards away.
3. Move the rifle and the rest until the target is visually centered inside the barrel.
4. With the target centered in the bore, make windage and elevation adjustments until the reticle cross-hair is also centered over the target.

Note - If a laser bore sighting or any other similar device inside the bore was used, it must be removed before firing. An obstructed bore can cause serious damage to the gun and possible injury to the shooter.

ZEROING YOUR REDDOT

IMPORTANT SAFETY CHECKS:

- Always check your weapon and surroundings for safety.
- Follow all weapon manufacturer safety guidelines.
- Always shoot from a solid rest using consistent and proper form.
- Be sure that your target is level to aid in accurate sight-in process.

TO ZERO THE RED DOT:

1. Start sight-in process from 25 yards, from solid rest fire 3-shot group, ensuring that you fire at same spot each time. Use grid lines on target to center and level your cross-hairs.
2. After the first 3-shot group, make adjustments to bring bullet impact to center of target you're shooting at. Repeat this process at 100 yards and you will have accurate 100 yard zero.

Note - Scope graduations are 1/4 MOA. Scope turrets are marked with direction of bullet impact change. At 100 yards a 1/4 MOA scope adjustment will move bullet impact 1/4 inch in direction adjusted. At 25 yards that same 1/4 MOA adjustment will be 4 times smaller, so 1/4 MOA adjustment at 25 yards will move bullet impact 1/16 of an inch.



For more information on Bore Sighting and Zeroing your Reddot, scan the QR code above for an in depth video from Riton University

TROUBLESHOOTING

Problems thought to be associated with the reddot are often actually mount problems. Take time to ensure the mounts are tight to the RRD and that reddot is secured and doesn't twist or move in the QD mount.

Keep in mind there are many issues that can cause poor bullet grouping. Always utilize a solid rest and maintain good shooting technique. Have a qualified gunsmith look over your rifle to be sure all things are in working order. See that the action and barrel are properly cleaned. Some rifles and ammunition don't work well together, try different ammunition and see if accuracy improves.

RITON PROMISE WARRANTY

As a part of the Riton Promise we believe in providing you with the best possible service, including the industry's best warranty. The quality of our products makes this the best warranty you'll likely never have to use; however, as hunters and outdoorsmen and women, we know that bad things sometimes happen to even the most cautious.

OUR WARRANTY IS SIMPLE:

- No proof of purchase or registration required for your Riton products.
- Lifetime warranty regardless of original purchaser.
- All warranty replacements will receive a brand-new product off the shelf. We will not ever replace the product with a repaired or refurbished product.
- Replacement product will be shipped within 48 hours of receiving and approving your return.
- Loss, theft and/or deliberately worn and damaged products are not covered. Warranty is VOID if damage results from unauthorized repair or alteration.



1-855-39-RITON

INFO@RITONOPTICS.COM

RITONOPTICS.COM