



ACCU-SYNC™ 2521R
DOT SIGHT

OP-DS2521R

USER MANUAL

www.leapers.com

WARNING: Read entire manual before mounting optic. Make sure the firearm is not loaded.

SPECIFICATIONS

Objective Lens Diameter.....	0.79"
Reticle / Illumination.....	3 MOA Red Dot
Illumination Mode.....	Manual, 8 Settings
Adjustments.....	1 MOA Per Click @ 100 Yards
Build Material.....	Anodized AL6061
Battery Type.....	CR2032 3V
Battery Life.....	30,000+ hrs
Mount Footprint.....	Mini ACOG®
Length x Width.....	2.66" X 1.66"
Weight (w/Battery).....	6.1 oz

BATTERY INSTALLATION

1. Unscrew the battery cap on the right side of the optic to access the battery compartment.
2. Place the CR2032 battery into the compartment with its + side facing up.
3. Upon seating the battery and looking through the optic, reticle illumination will have turned on even without the battery cap reinstalled yet. The illumination defaults to its highest brightness intensity setting.
4. Reinstall the battery cap until securely tightened. The reticle illumination should still remain on as this ensures that the battery is properly seated after the installation of the battery cap.



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TURNING ON/OFF THE OPTIC

Power On: Apply a single press to either the + or - activation button on the top of the optic to turn the optic on.

Power Off: Press and hold down either activation button for approximately 2 seconds.

NOTE: After being powered off, the optic will return to the latest brightness intensity setting used upon being powered back on. If however, the battery is removed prior to being powered on, the optic will default to its max brightness intensity setting.



BRIGHTNESS ADJUSTMENT:

- Applying a single press to the + activation button cycles through and increases brightness intensity. The dot will blink 3 times when the dot has reached its highest brightness intensity setting.
- Applying a single press to the - activation button to decrease brightness intensity. The dot will blink 3 times when the dot has reached its lowest brightness intensity setting.

NOTE: The optic is designed to remain constantly on and features a 30,000+ hours battery life when set at the middle brightness intensity setting. The optic does not feature an automatic shut-off.



USING THE ADAPTIVE MOUNTING BASE

The optic comes preinstalled with a lower 1/3 riser attached to a quick release (QR) Picatinny mount. This riser can be removed and the optic attached directly to the QR mount for a low profile height configuration. The QR mount utilizes the common Mini ACOG® footprint and is compatible with other available Mini ACOG® height risers.

- To remove the mount and or riser from the optic, simply unscrew the two T25 Torx screws from the bottom of the mount.
- The mount is bidirectional allowing the mount to be installed with the QR locking lever either to the right or left side.
- When reinstalling the mount, the recommended torque value for the two T25 Torx screws is 15in-lbs.
- When reinstalling just the QR mount for a low profile height configuration, use the two shorter T25 Torx screws provided.



UNLOCKING THE QUICK RELEASE MOUNT

Unlock the quick release mount by simultaneously pressing the lever's spring-loaded locking tab while moving the lever its full 180° of travel. The mount will be unlocked when the lever is pointing completely in the opposite direction from its locked position. When moving the lever, the spring-loaded Picatinny side plate should be seen moving away from the base.



LOCKING THE QUICK RELEASE MOUNT

Lock the quick release mount simply by moving the lever its full 180° of travel. The mount will be locked when the lever is pointing completely in the opposite direction from its unlocked position and once the spring-loaded locking tab reengages the base. An audible click should be heard once the tab is reengaged.



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ADJUSTING MOUNT TENSION

Mounts are tension adjustable and require no tools for making adjustments, however a hex key is provided to aid in fine tuning.

1. Start with the mount in its unlocked position.
2. Insert the long-end of the hex key into the center of the adjustment gear found on the spring-loaded Picatinny side plate.
3. Press and hold down the Picatinny side plate with your support hand, compressing the springs, and allowing the adjustment gear to clear the locking key and rotate. We find that using the thumb and middle finger to depress the side plate to work well.
4. Rotating the hex key counterclockwise decreases tension and clockwise increases tension.
5. Be sure to return the gear to its keyed position where it sits flush with the Picatinny side plate before manipulating the quick release lever.



INSTALLATION ON PICATINNY RAIL

1. Start with the mount in its unlocked position.
2. Rock the mount's base onto the Picatinny rail starting with its fixed side first and with its squared recoil stops aligned with the slots on the Picatinny rail.
3. Proceed to lock the quick release mount. Do not force the quick release lever into its locked position if the tension feels excessive. Adjustments to the tension need to be made.
4. The correct amount of tension is achieved when the mount is securely attached to the Picatinny rail without any movement whatsoever forward, rearward, or side to side when in its locked position.
5. The amount of force required to lock and unlock the quick release lever should not be excessive and or require two hands, but requires deliberate effort.



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ZEROING THE OPTIC

Your optic is zeroed when the bullet's point of impact (POI) is the same as your point of aim (POA) at your preferred zeroing distance.

Windage Adjustment:

- To move the point of Impact (POI) to the right, turn the windage adjustment screw located on the right hand side of the optic clockwise.
- To move the POI to the left, turn the windage adjustment screw counter-clockwise.
- One click of the turret is 1 MOA @ 100 yards.

Elevation Adjustment:

- To move the POI up, turn the elevation adjustment screw located on the top of the optic clockwise.
- To move the POI down, turn the elevation adjustment screw.
- One click of the turret is 1 MOA @ 100 yards.



CARE AND MAINTENANCE

- Wipe the surface of the optic with a clean soft cloth and remove any foreign debris.
- Wipe the lenses with clean a soft cloth to keep it clean and clear. Do not touch the lenses with fingers or finger nails and be mindful of any debris on the lenses prior to wiping with a soft cloth.
- Store the optic in a cool and dry place when not in use. Avoid contact with acid, alkaline, or corrosive chemicals. Remove battery if being stored for an extended period of time.
- Do not attempt to lubricate any part of the optic.
- Do not disassemble the optic. Any such action will void the warranty.

THE BEST NEVER REST WARRANTY - LIFETIME

Leapers, Inc. warrants that all products conform to published specifications and are free from defects in material and workmanship. Leapers, Inc. will repair or replace a defective product for the duration of the product's life span. Verification through a Return Authorization (RA) number is required. If the product is discontinued, credit in the amount of the product's MSRP may be applied toward a replacement item.

NOTE: Our warranty does not extend to accidental damages, loss, negligence, misuse, products disassembled beyond normal maintenance, or unauthorized repair or alteration.

Please feel free to call us at (734) 542-1500, email us at office@leapers.com, or submit a warranty request form via our website at www.leapers.com for warranty and customer service inquiries.

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