

Bushnell®



ADVANCE™ Micro Reflex Red Dot Sight

OWNER'S GUIDE



WARNING! : DO NOT LOOK AT THE SUN THROUGH THE OPTICS, AS PERMANENT EYE DAMAGE OR EVEN BLINDNESS MAY RESULT.

ABOUT THE BUSHNELL® AR OPTICS® TACTICAL RED DOT SIGHTS

Congratulations on your purchase of the Bushnell® AR Optics AR750006 ADVANCE™ Micro Reflex red dot sight. Featuring a 5 MOA red dot reticle with user adjustable brightness, and a fully waterproof, shockproof design with optional accessory rail mount, this is a state-of-the-art sight designed for hunting, plinking and target shooting with pistols, rifles, and shotguns. For direct mount applications, note that this sight matches the Meopta® standard.

Engineered for greater speed and accuracy, this sight allows you to unconsciously concentrate on the target rather than a reticle, thus increasing accuracy. The ADVANCE Micro Reflex sight's electronic illuminated dot has been pre-focused so the point of aim always appears against the target. By comparison, standard rifle or pistol scopes bring the target into focus only on the internal reticle.

Its aiming system is engineered to be the brightest of its kind. All in all, this sight is proof positive that Bushnell is positioned squarely on the leading edge of advanced technology.

About Red Dot Lens Positioning

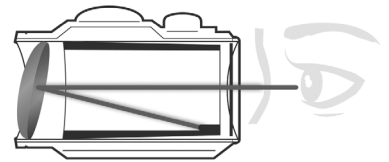
All red dot sights have an objective lens at the front of the unit that is spherical in shape. However, unlike a conventional riflescope with all lenses mounted perpendicular (at a 90 degree angle) to the axis of the tube, the objective lens in a red dot sight is positioned off axis and appears to be tilted when looking at the sight (*see example below*). This angle of the front lens allows the light generated by the battery powered LED light source inside the unit to be reflected. The reflected light becomes the "dot" or aiming reference that the shooter sees when a red dot sight is switched on. This engineered "bending" of light is what makes today's red-dot sights so popular and easy to use.

MOUNTING YOUR AR OPTICS® SIGHT



WARNING! : BEFORE MOUNTING YOUR SIGHT, REPLACING ITS BATTERY, OR REMOVING OR PERFORMING MAINTENANCE ON THE SIGHT, BE SURE ACTION IS OPEN, CLIP OR MAGAZINE IS REMOVED AND A ROUND IS NOT IN THE CHAMBER. DO NOT ATTEMPT ANY WORK UNTIL THE GUN HAS BEEN CLEARED AND DETERMINED TO BE SAFE.

- Any Weaver or Picatinny style base is suitable for mounting the ADVANCE Micro Reflex sight. Make sure the base you use is manufactured specifically for your pistol, rifle or shotgun. Be sure the base is properly installed and securely fastened according to the manufacturer's instructions for your safety.
- There is no set eye relief for this sight, therefore, you should provide at least three inches of clearance between the end of the sight and your eye when in the shooting position.
- Loosen the screw on the side of the mounting plate, using the supplied Torx screwdriver. Position the mount on your base rail so that the crossbolt engages a slot. Apply light forward (towards muzzle) pressure to take up clearance and then tighten the screw.
- The supplied mounting plate (C) should be attached to the ADVANCE Micro Reflex sight using the long mount screws (I). The long screws are only for use with the mounting plate.
- For directly mounting the sight to a pistol, use the short mount screws (J), without the supplied mounting plate. Note that this sight matches the Meopta® pattern. For example, a typical Glock® MOS would use the #1 plate.



NOTE: Refer to the *PARTS GUIDE* for fastener torque values.



WARNING: IF THE SIGHT IS NOT MOUNTED FAR ENOUGH FORWARD, ITS REARWARD MOTION MAY INJURE THE SHOOTER WHEN THE RIFLE RECOILS.

ACTIVATING THE BATTERY

Before powering on your sight for the first time, you will need to open the battery compartment and remove the protective sticker or plastic disc from the battery. Alternatively, the battery may ship uninstalled and in a small polybag. See the Parts Guide for the location of the battery compartment on your model.

REPLACING THE BATTERY

Your new Bushnell ADVANCE Micro Reflex electronic sight is powered by one 3V "coin-style" lithium battery, Type CR2032 (**L**) (pre-installed). Before using your sight, you must remove the protective plastic sheet from the battery. Remove the two screws on each side of the battery cover with the "BUSHNELL" logo (**K**) to access the battery compartment. Remove and discard the thin plastic sheet from the battery, then replace the cover and tighten the screws. Should your reticle grow dim or not light at all, you will need to replace the battery. To install a new battery, remove the battery cover, pull the old battery out, and insert the replacement with the "+" side up as shown (**L**). Replace the battery cover and tighten the screws.

PARTS GUIDE

A - Lens

B - Brightness Up/Down & Power On/Off

C - Mounting Plate Screw (15-18 lbf*in)

D - Battery Compartment

E - Adjustment Lock Screws

F - Elevation Adj Screw

G - Windage Adj Screw

H - Protective Cover

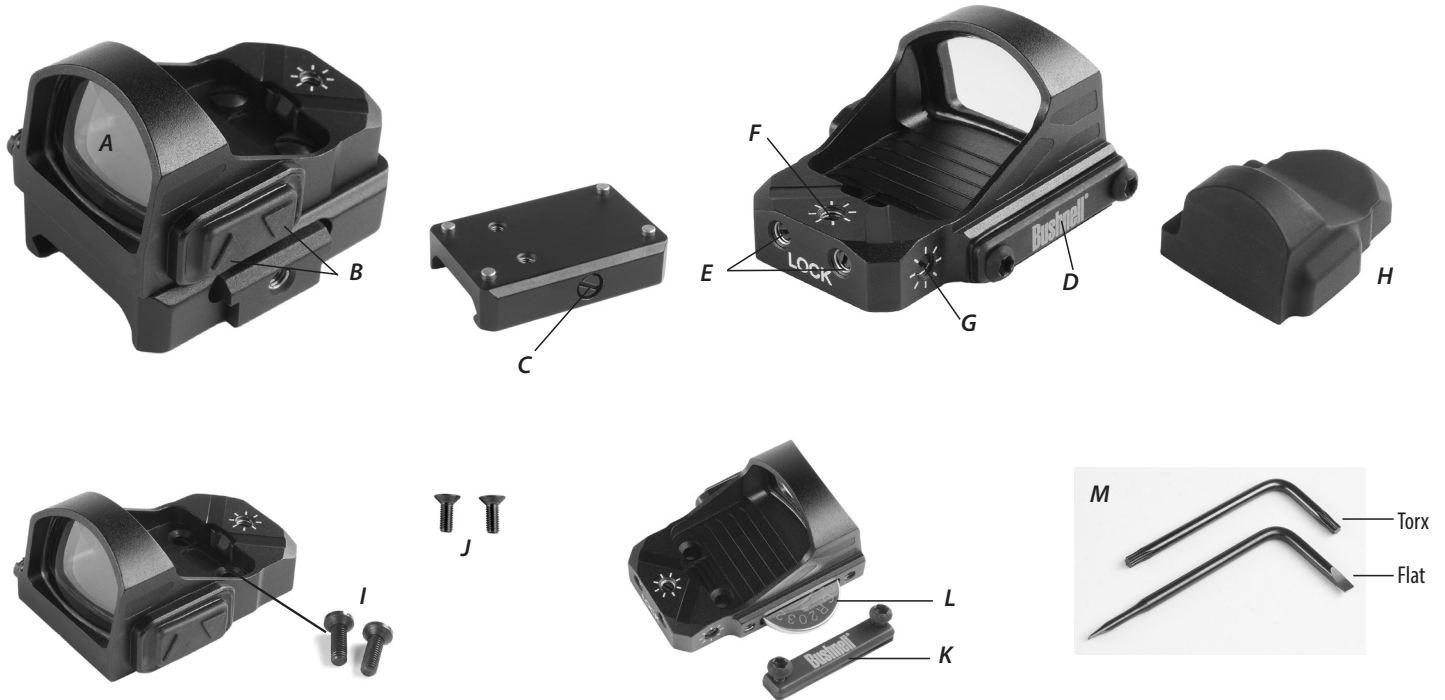
I - Long Mount Screws (12-15 lbf*in)

J - Short Mount Screws (12-15 lbf*in)

K - Battery Cover

L - Battery (CR2032)

M - Screwdrivers



CAUTION: When replacing the battery cover, be sure that the gasket is present and not damaged. Failure to do so could result in water leakage into the battery compartment.

Verify that red dot is present by switching the power on and increasing the brightness if necessary (see next section).

SWITCHING POWER ON/OFF

To turn the sight's power on, press either the Brightness "Up" or "Down" button (B, Parts Guide). To switch off the sight, hold the Brightness "Down" button for 3 seconds. By default, a timer will automatically switch power off after 12 hours to extend battery life, if no button has been pressed. Switch power on again to continue using the sight if necessary. To turn the timer off and enable continuous power, while the unit is turned on, press and hold both arrow buttons for three seconds. The red dot will slowly blink 3 times to confirm "timer off". *Note: If you disable the timer, be sure to manually turn power off before storing the sight away or when not using it for long periods of time, to prevent draining the battery.*

To reactivate the 12 hour timer, press and hold both arrow buttons for 3 seconds again. The red dot will rapidly blink four times to confirm "timer on", and the countdown will start. Pressing any button while using the sight will restart the timer. Any time the battery is removed or replaced, the unit will power on in its default state, which means the timer function is engaged.

ADJUSTING DOT BRIGHTNESS

To adjust the brightness level of the dot reticle:

Press and release the "Up" arrow button to increase brightness. Press and release the "Down" arrow button to decrease brightness.

ZEROING YOUR ADVANCE MICRO REFLEX SIGHT



WARNING! : SINCE THIS PROCEDURE INVOLVES LIVE FIRE, IT SHOULD BE DONE AT AN APPROVED RANGE OR OTHER SAFE AREA. CHECK BORE FOR OBSTRUCTIONS. AN OBSTRUCTED BORE MAY CAUSE INJURY TO YOU AND OTHERS NEAR BY. EYE & EAR PROTECTION IS RECOMMENDED.

1. With the sight mounted and with the protective lens cover (H) removed, rest the firearm on a solid support.
2. Turn the sight on by pressing the Up or Down brightness arrow keys (B).
3. Start by sighting along the barrel (if the firearm type allows, traditional or laser bore-sighting is generally helpful) and aim at a target an appropriate distance (10-15 yards for pistol, 25-50 yards for rifles). View through your ADVANCE Micro Reflex sight. Loosen the lock screws (E) on the rear of the sight, and then gently rotate the windage (G) and elevation adjustments (F), using the supplied flat screwdriver, to align the red dot with the target as seen along the barrel. Re-tighten the lock screws (E) on the rear of the sight.
4. You should then fire a test shot group to determine the point of impact of your firearm's projectile. If you are not hitting your aiming point (the center of the target) make an adjustment by first loosening the lock screws (E) and then turning the windage or elevation screw(s) in the direction you want the point-of-impact to move. Then re-tighten the lock screws (E) and repeat the sequence as necessary until the desired point-of-impact vs. aim is satisfactory. The chart on the right will aid you in determining the proper amount of adjustment necessary depending upon the range at which you are shooting.
5. To turn off the sight when it will not be used for a long period of time, hold the Down brightness arrow key (B) for about 4 seconds.

Point of Impact Change Chart:

Distance	1 Full Revolution of Adjustment Screw
25 yds	12.5 inches
50 yds	25 inches
100 yds	50 inches
Distance	1 Hash Mark on Adjustment Screw
25 yds	1.25 MOA
50 yds	2.5 MOA
100 yds	5 MOA

NOTE: If the sight's lock screws (E) are blocked by a rear iron sight, the sight will need to be removed to make W/E adjustments. If care is taken to mount the sight the same way each time, the amount of error will be insignificant.

OPERATION UNDER EXTREME CONDITIONS

- **Extreme heat (moist or dry):** no special procedures required. Avoid prolonged exposure if possible.
- **Extreme cold:** extreme low temperature may shorten battery life. It could also make the rotary dial (brightness control) on the Incinerate/Enrage a little harder to turn than at normal temperatures.
- **Salt air:** no special procedures required.
- **Sea spray, water, mud and snow:** ensure that battery cap and the two adjustment caps (if present) are tightened before exposing the sight to sea spray, mud, snow or before immersing the sight in water. Hand tighten only. Keep lens covers closed when sight is not being used. Clean lenses with lens paper/cloth (see caution note below) and wipe the sight dry as soon as possible after exposure to water, sea spray, mud or snow.
- **Dust storms and sand storms:** keep lens covers closed when sight is not being used.

CAUTION: The lenses shall never be cleaned with fingers but with lens paper/cloth, to avoid scratching the glass.

Use a soft brush or "canned air" to remove any loose debris (sand, grass, etc.) prior to using the lens paper or soft clean cloth.

TROUBLE SHOOTING

Problem: Red Dot Does Not Appear

Possible Causes/Solutions:

- **Discharged battery:** Replace battery with a new CR2032 lithium cell.
- **Battery installed incorrectly:** Remove and reinstall battery, referring to the Parts Guide battery compartment image.
- **Battery not making good contact:** Clean contact surfaces and reinstall battery.
- **Defective Rotary Switch:** Contact Bushnell customer service.

Problem: Impossible To Zero

Possible Causes/Solutions:

- **Adjustment screw is at its limit:** Check alignment of mount to barrel.
- **Impact point is moving:** Check mount and weapon rail (or carry handle) stability.

TECHNICAL SPECIFICATIONS:

Reticle Type	5 MOA red dot
Finish	Matte black
Weight	2.2oz / 65g (inc mount)
Length	45 mm
Total Adjustment Range	160 MOA (80 MOA each direction)



Products manufactured on or after June 2020 are covered by the Bushnell Ironclad Warranty. The Ironclad Warranty is a full lifetime warranty that covers the lifetime of this Product. Each Product has a defined lifetime; lifetimes can range from 1 to 30 years. This Product's lifetime can be found at the website listed below and/or on the Bushnell webpage specific to this Product.

We warrant that this Product is free from defects in materials and workmanship and will meet all represented performance standards for the lifetime of this Product. If this Product isn't working properly due to a covered defect, we will, at our option, either repair or replace it and ship it back to you at no charge. This warranty is fully transferable and does not require a receipt, warranty card, or product registration. This warranty does not cover the following: electronic components; batteries; cosmetic damage; damage caused by failing to properly maintain the product; loss; theft; damage as a result of unauthorized repair, modification, or disassembly; intentional damage, misuse, or abuse; and ordinary wear and tear. This Warranty will be void if the date stamp or other serialization codes have been removed from the Product.

To view the full warranty and find details on how to request service under the warranty, go to our website at www.bushnell.com/warranty. Alternatively, you can request a copy of the warranty by calling us at 1-800-423-3537 or writing to us at one of the following addresses:

IN U.S.A. Send To:

Bushnell Outdoor Products
Attn.: Repairs
9200 Cody
Overland Park, Kansas 66214

IN CANADA Send To:

Bushnell Outdoor Products
Attn.: Repairs
140 Great Gulf Drive, Unit B
Vaughan, Ontario L4K 5W1

For products purchased outside the United States or Canada please contact your local dealer for applicable warranty information.

This warranty gives you specific legal rights.
You may have other rights which vary from country to country.

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FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Shielded interface cable must be used with the equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules. Specifications and designs are subject to change without any notice or obligation on the part of the manufacturer.



Industry Canada Statement :

This device complies with ISED's license-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Radiation Exposure Statement / Déclaration d'exposition aux radiations :

This device complies with the Industry Canada portable RF exposure limit set forth for an uncontrolled environment and is safe for the intended operation as described in this manual. Further RF exposure reduction can be achieved if the product can be kept as far as possible from the user's body or if the device is set to a lower output power if such function is available.

Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé.

Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.

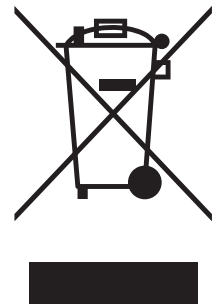
Disposal of Electric and Electronic Equipment

(Applicable in the EU and other European countries with separate collection systems)

This equipment contains electric and/or electronic parts and must therefore not be disposed of as normal household waste. Instead, it should be disposed at the respective collection points for recycling provided by the communities. For you, this is free of charge.

If the equipment contains exchangeable (rechargeable) batteries, these too must be removed before and, if necessary, in turn be disposed of according to the relevant regulations (see also the respective comments in this unit's instructions).

Further information about the subject is available at your community administration, your local waste collection company, or in the store where you purchased this equipment.



 **WARNING: This product uses a Lithium based battery. Lithium batteries can overheat and cause damage if physically abused. Do not use batteries that are damaged or show signs of physical wear.**