



AR™ Riflescopes User Guide

This user guide includes information for the entire AR Riflescopes line. Please review thoroughly, and pay close attention to the details pertaining to your specific riflescope model.

Congratulations on purchasing a Burris® AR Riflescope™! AR Riflescopes feature the Burris C4 Plus™ System (Cartridge Calibrated Custom Clicker – *plus WindMap*), giving shooters the ability to match elevation adjustment to their favorite cartridge and bullet, making pinpoint accuracy easier to achieve.

AR Riflescopes are delivered to you with one custom knob calibrated for a popular tactical cartridge. You are eligible to receive another custom knob for FREE. Send us your cartridge information online and we'll provide a custom elevation knob that matches your favorite load. PLUS, we'll provide a customized WindMap that shows, in MOA, a 10 MPH wind hold-off value for your cartridge at 100-yard increments. The simple-to-use C4 Wind MOA Reticle works seamlessly with your customized WindMap, featuring MOA tick marks that extend out to 10 MOA in each direction, making it quick and easy to calculate hold-off for wind.

You'll also enjoy the following AR Riflescope features:

- **Low Profile Adjustment Knobs.** The finger-adjustable, low profile adjustment knobs create a sleek profile. Turret indications always reflect a change in the point of impact, resulting in pinpoint accuracy.
- **High Performance Glass.** Provides excellent brightness and clarity with lasting durability – exactly what you expect from Burris.
- **Index-Matched, Hi-Lume® Multi-Coated Lenses.** Enhanced low-light performance and glare elimination, making more shots possible and increasing your success rate.



WATERPROOF



SHOCKPROOF

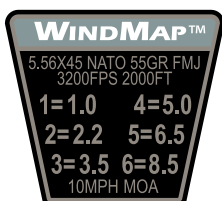


NITROGEN-FILLED



FOGPROOF





The AR riflescopes custom knobs eliminate the guesswork for holdover. Just dial in the known distance and use the customized MOA WindMap to determine the hold-off for a 10 MPH wind. In the example above, at 400 yards you simply hold 2.9 tick marks into a 10 MPH wind for pinpoint accuracy.

Note: It is important that you provide Burris with the most accurate load and environmental information as possible when requesting your free custom knob. Burris warrants that each custom knob will be calibrated mathematically correct for the data you provide. Burris is not responsible for any inaccuracy to the actual trajectory realized by velocity, ballistic coefficient, or environmental variances in field conditions compared to the data provided by you or an ammo/bullet manufacturer for preparing a custom knob.

How to Receive Your Free Custom Knob

1. Determine precisely the load you will shoot - either a factory load or handload.
2. If choosing a factory load and if you have access to a chronograph, measure the actual velocity of the factory load. If you do not have access to a chronograph and/or do not provide a muzzle velocity to us, we will use the advertised velocity for your factory load.
3. If choosing a handload, either obtain the actual muzzle velocity or estimate the muzzle velocity based on your reloading manual.
4. Make note of the scope serial number on the bottom portion of the adjustment turret.



5. Log on to www.BurrisOptics.com, enter the Ballistic Services section and click on the Custom Knob Online Order Form.
6. Follow the prompts to provide Burris with the information necessary to produce a custom knob and WindMap for you. Your first custom knob and WindMap are *FREE* with the purchase of your AR rifle scope.

Use this Product Key Code:

Place Product Key Code Here

Installing Your Custom Elevation Knob

1. It is best to sight-in your riflescope prior to installing your custom knob.

2. Being careful not to rotate the elevation knob, loosen the three set screws that hold the elevation knob in place. Lift the knob up and off of the scope.



3. Place the custom knob onto your scope, aligning your sight-in yardage number to the reference mark on the scope.



4. Apply a small amount of downward pressure onto the custom knob and then evenly tighten the three set screws. Turn your custom knob about a half-turn counter-clockwise and then clockwise back to your sight-in distance to get a feel for the amount of resistance to turn the clicker. If you desire more or less resistance, loosen the three set screws and apply more or less downward pressure onto the custom knob; retighten the set screws. Retest and reset the resistance until satisfied.



Parallax/Focus Adjustment

Parallax is the apparent movement of the reticle in relation to the target when the eye is not directly in line behind the center of the scope. Images from different distances focus in front of or behind the scope's reticle. Parallax is more noticeable with higher magnification scopes.

Parallax is adjusted by rotating the parallax adjustment ring located on the objective bell. When the scope is set parallax-free for the distance you are viewing, you should be able to move your head side-to-side or up and down without seeing the reticle move appreciably in relation to the target.

Windage/Elevation Adjustment

Note: Custom knobs must be removed before making any adjustments.

The low profile adjustment knobs feature a finger adjustment for both windage and elevation. Once you have successfully zeroed your scope, you can reset the zero on your dials with these simple steps:

- 1) With turret caps removed, grip knob top firmly to keep knob from turning.
- 2) Put pen or other small object into the small hole located on the dial.
- 3) Keeping firm grip on the knob, use the pen to turn the dial back to zero, lining up the number zero with the white indicator dot. Only the numbered dial should move – do not allow the entire knob to move or else you will alter your windage and elevation zero settings.



NOTE: You do not have to reset the zero on your dials for your scope to function properly. Doing so can give you peace of mind that your zero is set, plus you can easily confirm if it has moved at any time, but this step is optional.

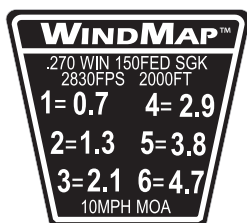
How to Use Your AR Rifle Scope

Calculating Holdover/Hold-Off

The custom knob ensures that elevation adjustment perfectly matches the ammunition you are shooting, and when used properly eliminates the need to calculate holdover. Determining an accurate distance to your target is key, and Burris recommends using a rangefinder in the field for optimum accuracy.

Once the distance to your target is confirmed, turn the dial on your custom knob to match that distance. For example, if your target is 250 yards away, turn your custom knob until 250 is aligned with the reference mark on your scope. Since the scope is calibrated to your cartridge, dialing the yardage to your target allows you to use the center point of the reticle crosshairs as your aiming point – no holdover or under is needed.

To correctly determine hold-off for wind, first determine as best as you can the wind speed at your target. Refer to the customized WindMap provided by Burris that shows, in MOA, the accurate hold-off value for a 10 MPH wind at a specific 100-yard increment distance.



Using this WindMap as an example, if your target is 200 yards away and the wind is blowing 10 MPH, you will hold-off 1.3 reticle tick marks into the wind. The wind is blowing 20 MPH? Double the value and hold-off 2.6 reticle tick marks into the wind. It's blowing only 5 MPH? Cut the value in half and hold-off .65 tick marks into the wind.

Installing the WindMap

Each WindMap is shaped so it can be easily installed and used in multiple positions such as the Objective Bell Taper, the Eyepiece, or the Riflestock.

Our recommendation is to install the WindMap on the Objective Bell taper approximately 10° – 20° left or right of the top center depending on whether you shoot right- or left-handed. This position allows you to see the WindMap with your “off-eye” while looking through the scope. It also provides for a somewhat protected position against scratching.

Locate exactly where you want to place the WindMap and clean the surface of any dust and oils with soapy water or rubbing alcohol. Peel off the adhesive covering on the back of the WindMap and carefully install at your desired location.

Eyepiece Focusing

The eyepiece can be focused so that the reticle appears sharp and black to your eyes. Follow this procedure to adjust the focus:

1. Point the scope at the sky or a plain wall and take a quick glance through the scope. If the reticle appears sharp and black, no further adjustment is necessary.
2. If the reticle does not appear sharp and black, take quick glances through the scope while rotating the focus ring until the reticle pattern is sharp and clear.

NOTE: Do not look through the eyepiece as you turn the focus ring. Your eyes will adjust to the out-of-focus condition.

Mounting the Scope

We recommend high-quality rings and bases, like the Burris Xtreme Tactical Rings and Xtreme Tactical Bases. Quality components ensure that your scope will remain safely and securely mounted, and will provide the maximum accuracy. Use care when mounting your scope as damage can be caused by improper mounting.

Care & Maintenance

AR Riflescopes are fully waterproof and fogproof. In the event that the lenses are subjected to dust, dirt or mud, follow these steps to clean and protect the lens surface. Failure to remove grit before final cleaning is sure to damage lens coatings.

Coarse dirt/debris must be removed from the lens surface. The most convenient way to clean a lens surface is to use a Lens Pen. Position the scope so particles will fall away from the lens, and then use the Lens Pen or soft brush to gently whisk away the debris while blowing on the lens to dislodge the particles. For heavy dirt, like dried mud, use a spray of clean water or lens cleaning fluid to remove the dirt.

Your Burris riflescope will provide a reliable performance given reasonable care and treatment. All moving assemblies are permanently lubricated. Only occasional cleaning of the outside of the scope and the exterior lenses is required. Never disassemble your scope. Disassembly by anyone other than our factory will void the warranty. If you have any other problems with your riflescope, please contact Burris Customer Service.

Warranty

**This line of AR riflescopes is covered by the
Burris Forever Warranty™**



Thank you for choosing Burris. You can be confident that the optic you purchased is built to the most exacting standards. You can count on Burris to perform every time you use it.

We're so confident in the craftsmanship of our products that we back them with a no questions asked Forever Warranty.

We will repair or replace your Burris optic if it is damaged or defective. The warranty is automatically transferred to future owners.

- No repair or replacement charge
- No warranty card needed
- No receipt needed
- No questions asked



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