



# Burris



## **XTR III™ Riflescopes User Guide**

*This user guide includes information for the entire XTR III rifle scope line. Please review thoroughly, and pay close attention to the details pertaining to your specific rifle scope model.*

Congratulations on choosing the XTR III™ riflescope from Burris®. The XTR III has improved upon the original Xtreme Tactical Riflescope design, now offering these premium features:

- Zero Click Stop™ Adjustment Knobs. Allows shooter to quickly and easily revert back to the original sight-in setting without counting clicks or referencing marks.
- Tactical Reticles. The XTR III line-up gives you a choice in tactical appropriate reticles, including the SCR and SCR MOA reticles and the SCR 2 MIL reticle. All provide accurate trajectory and windage compensation and are ideal for tactical applications.
- Advanced Windage & Elevation Adjustment. Accurate and repeatable reticle adjustments match the measurement system of the reticle, making windage and elevation adjustments fast and easy. The scope also comes with a cap for the windage knob.
- Side Focus. Ergonomic side focus allows for easy-to-reach parallax adjustment for adjustment from 20 yard. to infinity on the 30x model, and from 25 yard. to infinity on the 18x model.
- 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.
- Rugged, Combat-Ready Performance. Throw everything you've got at these riflescopes – they can take it and still deliver.



WATERPROOF



SHOCKPROOF



NITROGEN-FILLED



FOGPROOF



# How to use the XTR III Riflescope

## Eyepiece Focusing

The eyepiece can be focused so that the reticle appears sharp and black to any individual's eye. Adjusting the focus is quick and easy to do, just follow this procedure:

1. To adjust the sharpness of the reticle, the diopter has to be unlocked. To unlock, grasp the diopter ring and turn it counter-clockwise.
2. 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.
3. If the reticle does not appear sharp and black, take quick glances through the scope while rotating the eyepiece focus ring until the reticle pattern is sharp and black.
4. Once the reticle pattern is sharp and in focus, firmly lock the diopter ring by turning it clockwise.

NOTE: Do not look through the eyepiece as you turn the focus ring. Your eyes will adjust to the out-of-focus condition, having a negative effect on the optical quality of the riflescope.

## 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.

To use the parallax/focus adjustment, rotate the knob on the left side of the adjustment turret until the numeral corresponding to the known target distance lines up with the reference mark. If the distance is unknown, rotate the adjustment knob until the target image is sharply focused.

When the scope is set parallax-free for the distance you are viewing, you should be able to move your eye side-to-side or up and down without seeing the reticle move appreciably in relation to the target.

## Elevation Adjustment

The windage and elevation knobs are designed for precise adjustment. The click value for each knob is indicated on the dial.

Models featuring the XT-100 elevation knob offer 10 MILS or 25 MOA of adjustment per rotation with multiple revolutions of adjustment.

This riflescope is shipped from the factory with the optical center set at 20 MOA below center. Without tapered bases, the initial sight-in or bore sighting will likely produce a considerably high initial point of impact. Because of the Zero Click Stop™ feature, as shipped from the factory the scope has no immediate capability for downward point-of-impact adjustment.

Use the following procedure whenever you need downward point of impact adjustment:

1) Turn the elevation adjustment knob clockwise to "0".



2) Use the 2mm hex wrench supplied with the scope to loosen the set screws on the elevation adjustment knob located just under the top of the knob. The knob should spin freely.



3) Turn the knob counter-clockwise slightly more (2-5 clicks more) than the number of MILS needed to achieve zero.



4) Retighten the set screws. Adjust the elevation down the required amount.

5) Once the elevation adjustment is complete, once again loosen the two set screws and reset the knob to "0". With the screws loose, push down firmly on the knob until it is fully seated on the turret base and turn the knob clockwise until it stops against the Zero Click Stop. Then retighten the set screws.

6) An optional race dial is available for both models. Designed specifically around the needs of PRS and NRL shooter, it has a smooth powder coat finish and 0.75-inch surface height that fits Scotch brand clear tape for making custom notes in the field.

Burris's M.A.D knob windage system is shipped with the scope, giving shooters the options of tactical exposed or capped knobs. The covered knob is installed and the exposed knob is included in the box.

### Windage for Single-Turn Knobs

The windage knobs are designed for precise adjustment. The click value for each knob is indicated on the dial.

The windage knob, located on the right side of the tube, provides up to 4.6 mRAD of adjustment in both directions.

Both knobs can be reset to "0" once the scope is sighted in. To reset the knob to "0," use the hex wrench supplied with the scope to loosen the set screws located at the top of the adjustment knobs.



The knob should spin freely. Rotate the knob until the "0" lines up with the hash mark indicator, and then retighten the set screws. The knob is not intended to come up or off, but if the set screws are loosened too far, the knob can be removed. The scope is still fully sealed if this does accidentally occur.



NOTE: Windage adjustments are made with a multi-direction adjustment knob. Zero is set with an indexing mark to allow for left and right adjustments. Failure to set zero at the index mark may result in limited windage adjustment.



Proper Windage Zero

## Mounting the Scope

The XTR III riflescopes require a 34mm ring. We recommend using high-quality rings and bases, like the Burris Xtreme Tactical Rings and XTR Signature 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 caused by improper mounting is not covered by the Burris Forever Warranty.

## Care & Maintenance

The XTR III rifle scope is fully waterproof and fogproof. To protect the objective and ocular lenses, it comes equipped with flip-up scope caps. 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 rifle scope will provide 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 rifle scope, return it to the Burris factory for repair.

## Illuminated Reticle Adjustment

Models with an illuminated reticle make it easier to see the reticle in low light conditions. The intensity of the illumination is controlled by the rotary illumination switch located on the left side of the adjustment turret. The illumination levels rise in brightness intensity from 1–11, with the lowest levels capable of working with night vision equipment, the middle

levels suitable for daytime usage. The “Off” positions between each brightness setting turn the circuit off completely and should be used when the scope is not in use. Each level also has a detent to prevent unintended changes during use.

**Time-Out Function:** XTR III Riflescopes arrive from the factory with an automatic Time-Out Function. After 3 hours the illumination will automatically shut off to conserve battery life.

To switch illumination colors

- Turn the switch to the “OFF” position between the “11” and “S” positions.
- Turn and hold the switch to the “S” position.
- The reticle will illuminate with currently selected color.
- After 5 seconds, the illumination color will change to the new selected color.
- Release the switch.
- The switch will automatically return to the “OFF” position between the “11” and “S” positions.



The reticle is powered by a 3-volt lithium cell battery #CR2032. To install a new battery, simply unscrew the battery cap on the rotary switch and install the new battery flat side (+) up. It is advisable to remove the battery for long-term storage (over a month).

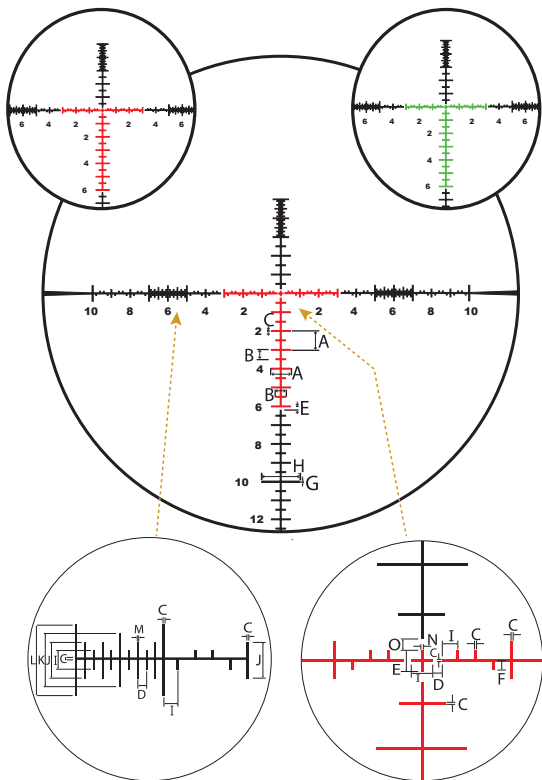


## XTR III Riflescope Reticles

XTR III riflescopes give you a selection of reticle choice with front focal plane systems.

### SCR™ Reticle

- MIL-based, proprietary Burris design.
- Increases precision for long-range competition, without adding clutter or distraction.
- Increases speed and precision for wind hold-off and for range estimation and impact measurement.



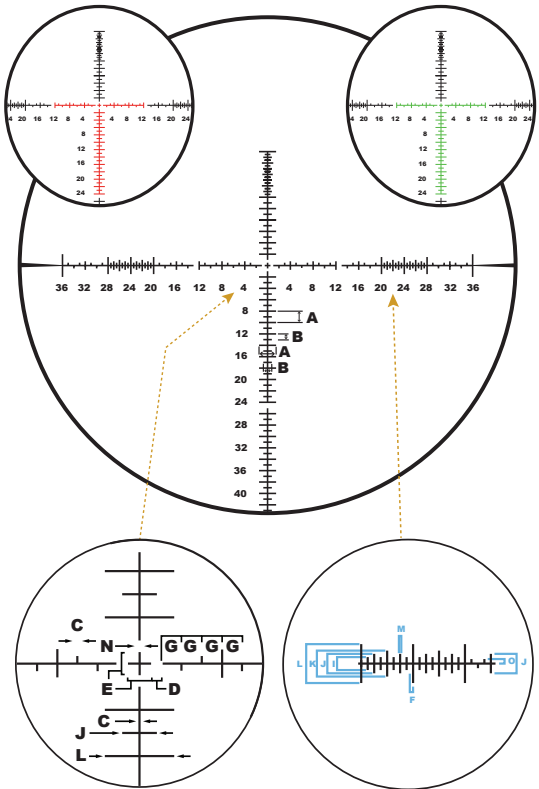
### RETICLE SUBTENSIONS (in MILS)

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
5.5-30x	1.00	.50	.035	.10	.25	.10	.08	2.00	.20	.40	.60	.80	.02	.02	.125	.03
3.3-18x	1.00	.50	.05	.10	.25	.12	.08	2.00	.20	.40	.60	.80	.025	.03	.125	.04



## SCR™ MOA Reticle

- MOA-based, proprietary Burris design (illumination optional).
- Increases precision for long-range competition without adding clutter or distraction.
- Extended center illuminated area lets the shooter confidently engage targets at long distances in low light and shadows.
- Increases speed and precision for wind hold-off and for range estimation and impact measurement.



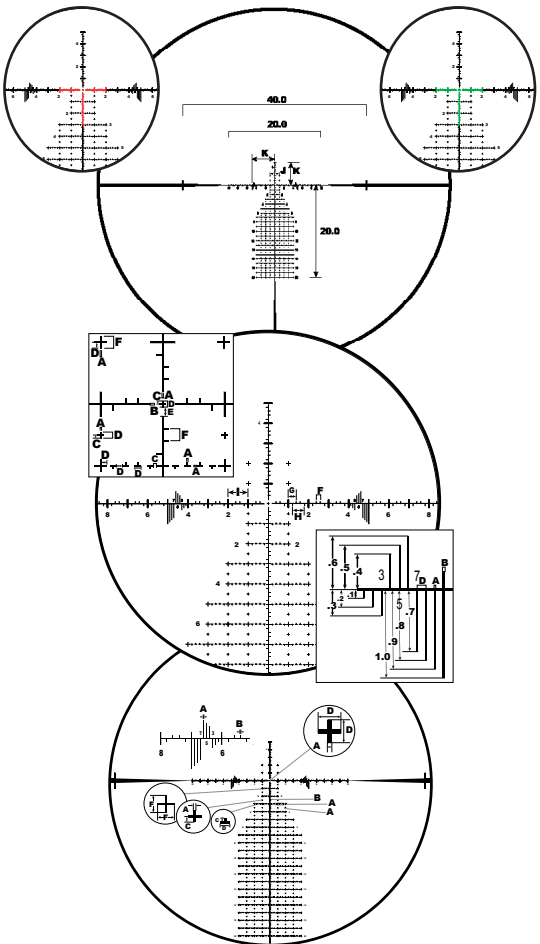
### RETICLE SUBTENSIONS (IN MOA)

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
5.5-30x	2	1	.12	.5	1	.25	.5	.7	1	1.5	2	3	.07	.11	.35
3.3-18x	2	1	.17	.5	1	.25	.5	.7	1	1.5	2	3	.10	.14	.35
2-10x	2	1	.17	.5	1	.5	1		1	1.5	2	3	.10	.15	.5
3-15x	2	1	.17	.5	1	.5	1		1	1.5	2	3	.10	.15	.5

## SCR 2™ Mil Reticle

The SCR 2™ reticle provides a customer-requested “tree” style reticle. Developed and tested by champion shooters, the SCR 2 reticle provides outstanding information for shot tracking and ranging.

The SCR2 was designed to give precision shooters everything they need in a reticle while staying sufficiently unobtrusive when it is not needed. As an MRAD-based design with 0.2 MRAD graduations, it is compatible with all calibers.



### RETICLE SUBTENSIONS (in MIL)

Unit	A	B	C	D	E	F	G	H	I	J	K
	.02	.03	.05	.1	.15	.2	.4	.6	1.0	2.0	5.0

## WARRANTY

This XTR III line of 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.

- Covers everything except loss, theft, or deliberate damage
- No repair or replacement charge to you
- No questions asked
- No matter whose fault it is
- No warranty card needed
- No receipt required



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