

**WINCHESTER**<sup>®</sup>



**SUPREME**<sup>®</sup>  
—OPTICS—



PRODUCT MANUAL

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## Binoculars

Congratulations on your purchase of a **Winchester® Supreme®** optic! This manual contains information regarding operating and maintaining the Winchester Supreme 8x42, 10x42, 10x50 and 12x50 binoculars. Your binoculars are made for a lifetime of performance and pride of ownership. Our Winchester WINcoat™ fully multicoated lenses protect from dirt and debris while transmitting maximum light to your eye with excellent color and clarity. Our modern PPS thermoplastic frame is high strength and light, with an attractive tactile coating for a sure grip in all weather conditions. Smooth focusing ensures a pleasant experience while viewing in the field, the stadium, or in the sky. Hunters and bird watchers achieve accurate color saturation with reduced weight for all day comfortable carry. Enjoy your Winchester Supreme binoculars with pride.

**WARNING: DO NOT look directly at the sun while using your binoculars to avoid serious harm to your eyes.**

## Winchester® Supreme® Binoculars Specifications

- » High quality BAK4 prisms with high density (HD) glass for brighter, clearer, and crisper detailed images from edge to edge, even in low light conditions.
- » Fully multi-coated lenses throughout the optical system for increased light transmission, reduced glare, improved image quality and crisp edge to edge performance.
- » Silver coated phase correcting prism lenses for higher light transmission, brighter images with increased contrast.
- » Wide Band green objective and eyepiece lens coatings for excellent light transmission and reduced glare.
- » High performance PPS thermoplastic chassis construction that balances light weight with rigid construction and rugged durability.
- » Nitrile NBR / PVC protective rubber armoring that resists heat & oil, provides excellent shock absorption, provides a slip resistant grip, and has high abrasion resistance for long term use.
- » Twist up eyecups for use with or without eyeglasses.
- » Nitrogen filled and sealed optical system for fog, water, and dust proof performance.
- » Knurled focus adjustment knobs for a secure grip.
- » **Accessories:** Protective nylon foam padded case with strap, belt loop, and buckle closure for ease of transportation and protection in storage, high quality comfortable binocular harness system with quick release buckles for all day use and hands free carrying, removable rubber eyepiece and objective covers to protect your lenses, ultra soft microfiber cleaning cloth to remove dust, smudges, and dirt.



WINCHESTER® SUPREME® BINOCULAR	8X42	10X42	10X50	12X50
MAGNIFICATION	8X	10X	10x	12x
OBJ. LENS DIA.	42	42	50	50
TYPE OF PRISM	Roof / Bak4	Roof / Bak4	Roof / Bak4	Roof / Bak4
PRISM COATING	Silver	Silver	Silver	Silver
LENS COATING	WINCoat™ full multicoat	WINCoat™ full multicoat	WINCoat™ full multicoat	WINCoat™ full multicoat
FOCUS SYSTEM	Central focus	Central focus	Central focus	Central focus
EXIT PUPIL DIAMETER	5.3mm	4.3mm	4.88mm	4.19mm
EXIT PUPIL DISTANCE	17.5	15.1	17	15
FIELD OF VIEW (FOV)	7.5°	6.2°	6.1°	5.2°
FOV 1000 FEET	395ft	330ft	321ft	273ft
FOV 1000 METERS	132m	110m	107m	91m
CLOSE FOCUS MINIMUM	3m/10ft	3m/10ft	3m / 10ft	3m / 10ft
DIOPTER SYSTEM	Right diopter ring	Right diopter ring	Right diopter ring	Right diopter ring
DIOPTER COMPENSATION	±3	±3	±3	±3
INTERPUPILLARY DISTANCE	56-73mm	56-73mm	57-72mm	57-72mm
WEATHER PROOF	Yes	Yes	Yes	Yes
WATER PROOF	Yes	Yes	Yes	Yes
SUBMERSIBLE	1m/15 minutes	1m/15 minutes	1m/15 minutes	1m/15 minutes
NITROGEN FILLED	Yes	Yes	Yes	Yes
EYECUPS SYSTEM	Twist-up	Twist-up	Twist-up	Twist-up
CHASSIS MATERIAL	PPS	PPS	PPS	PPS

For maximum performance and comfort, we recommend that you personalize your binoculars to fit you. This is done by adjusting the eyecups, Interpupillary Distance (IPD), and diopter.

## Adjusting the Eyecups



The eyecups on our Winchester Supreme binoculars may be adjusted for your personal viewing comfort. We suggest rotating the eye cups all the way out for viewing without eyeglasses. The fully extended eye cups should rest gently over your eye sockets. We suggest rotating the eye cups back in when wearing glasses. When wearing eyewear, users should gently rest the rubber eyepiece directly against the lens.

## Adjusting the Interpupillary Distance (IPD)

Everybody's eyes are a unique distance apart. Adjusting the IPD on your binoculars to match the width of your eyes allows you to enjoy the very best viewing experience. Simply look through your binoculars and pivot the binocular on its hinge until the view you see is a single bright image without shadows on either side.



**IPD**  
Distance between the centers  
of the ocular lenses.

Rotate the barrels in or out to  
match the IPD of your eye  
with that of the binocular.

## Adjusting the Focus

The central focus wheel is used to achieve the sharpest image possible at any distance. Simply move the focus wheel back and forth until your picture is perfectly sharp and in focus.

## Adjusting the Diopter

The diopter setting allows you to focus each eye separately, compensating for the slightly different strengths of your eyes. Just set your diopter once, then only the central focus knob is used to adjust focus at any distance.



## To Adjust your Diopter

1. Look through the binoculars at an object around 50 yards away.
2. Cover the right objective lens of your optic with your hand, keeping both eyes open. You will only see an image with your left eye.
3. Focus the image of your left eye only, using the central focus knob until the sharpest picture is achieved.
4. Cover the left objective lens of the binocular with your hand, keeping both eyes open. You will only see an image with your right eye.
5. Focus the image of your right eye, using only the diopter wheel.
6. Notice the setting on the diopter wheel, so it can be reset instantly if moved.

Congratulations, you have just personalized the optical system in your Winchester binoculars for your individual visual acuity, ensuring the best possible performance from your precision optic. Note where the diopter mark is set so you can confirm or reset at any time.

## Binocular Harness and Ocular Cover

Our Winchester binocular harness keeps your binoculars from swinging and allows hands-free carrying of your optic while hiking, hunting, or other physical activity. The adjustable elastic harness distributes weight evenly for all-day comfortable use and always keeps your optic ready. Using a binocular harness improves image stability as well as preventing damage to your fine optic from drops and bangs.



## Binocular Harness Installation Steps



**Step 1:** Thread the strap connector through the strap attachment on the binocular.



**Step 2:** Thread the eyelet on the strap connector back through the split ring.



**Step 3:** Attach the clip for the harness strap to the split ring.

## Neck strap and Ocular Cover

Notice that the ocular cover has a loop on the right side. Slip the binocular strap through the ocular cover right side loop before attaching the strap to the binoculars. This method of ocular cover attachment allows instant removal of the cover allowing it to hang freely without interference while the binocular is in use and recovering is simple when required. Keep the ocular covers on when not in use. Position where the binoculars hang on your body by adjusting the length of the strap.





## Tripod Adapter Installation Instructions

To view additional resources and video tutorials, scan the QR code with your mobile device, or type in the following web address in your internet browser:

[www.worldofwinchester.com/resources](http://www.worldofwinchester.com/resources)

All models of Winchester Binoculars are equipped with a 1/4-inch threaded hinge pin to allow for the use of a binocular tripod adapter. The tripod adapter is not included but may be purchased separately. While there are a few models on the market, they all function relatively the same.

1. Locate the hinge screw cap. (Note: This cap is located between the binocular objectives and features the Winchester "W" on it.)
2. Turn the hinge screw cap counterclockwise to remove it from the hinge pin.
3. Secure the tripod adapter front pin to the binocular by inserting the threaded end into the threaded hinge pin and turning clockwise.
4. Partially unscrew the retaining screw on the top of the tripod adapter and insert the front pin into the adapter.
5. Secure the front pin in the tripod adapter by tightening the retaining screw. (Note: the binoculars may still tilt up or down and this is normal to allow for adjustment when panning.)
6. Attach the tripod foot to the bottom of the tripod adapter.
7. Attach the tripod foot to the tripod.



[www.worldofwinchester.com/resources](http://www.worldofwinchester.com/resources)

## Maintenance

Please keep the ocular and objective covers on when not using your binocular to keep dust and debris from your fine lenses. Storage or transport in the included soft case is recommended. Clean the body of the binoculars with a damp cloth. When dirty or dusty, blow off debris with air or a lens brush, then use a non-abrasive lens tissue and special lens cleaning fluid (per the instructions provided by the manufacturer of the lens cleaning fluid). Never apply the fluid directly on the lens. When clean, buff with lens pen or lens cloth (included) in a circular motion to polish away smudges. Our Winchester WINcoat™ coating helps shed debris and protects from scratches.

## Note:

- » The binocular is a precision optical instrument and must be handled with care to prevent damage.
- » Utilize neck strap to avoid dropping.
- » Utilize harness to avoid banging against other objects.
- » Do not force any equipment controls past their stopping points.
- » Do not scratch the external lens surfaces or touch them with your fingers.
- » Excessive and harsh rubbing or use of coarse material may damage lens.
- » Keep the equipment clean. Protect it from moisture and dramatic temperature drops.
- » Make sure binoculars are dry before placing them in any storage case.
- » Always store in a cool, dry place.

## Warranty

Your precision Winchester Supreme binocular has a limited lifetime warranty. In the unlikely event that you require service on your binoculars please contact us.

Phone: 888-811-2979

Email: [info@worldofwinchester.com](mailto:info@worldofwinchester.com)

Web: [www.worldofwinchester.com](http://www.worldofwinchester.com)



[www.worldofwinchester.com/warranty](http://www.worldofwinchester.com/warranty)

Scan the QR code with a mobile device for additional warranty details.

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