

**BRUNTON**

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**BRUNTON**

**EPOCH™ ZOOM**

8-15x35  
Zoom Binocular



**Owner's EPOCH™ ZOOM Purchase Record**

Date of Purchase : \_\_\_\_\_

Dealer Purchased From : \_\_\_\_\_

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Patents #JP,1192009; JP,1192196  
and other US patents pending  
307-856-6559  
www.brunton.com

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**EPOCH™**

**Introduction**

Brunton has begun a new era in optics with the EPOCH™ binocular. Years of research and consultation with industry professionals has yielded the finest light transmission system, ground breaking functionality and incomparable durability in a single optical instrument. From the carrying case, to design and prism assembly, the EPOCH is unparalleled in concept and construction.

**Parts Description**

- |   |                      |
|---|----------------------|
| ① Zoom Adjustment Ring                          | ④ Ocular Lenses      |
| ② Focus Wheel & Diopter(left & right eye focus) | ⑤ Objective Lenses   |
| ③ Locking Multi-step, Long-eye Relief System    | ⑥ Tripod Mount Cover |

**Figure 1**



**1**

**Optical Quality**

**EPOCH™ Lenses**

All external lens surfaces have a Hard Coat™ anti-reflective coating for durability, and an anti-fog coating so inclement weather is never a problem.

Ocular lenses are hybrid aspheric for the least distortion of image and color. The combination of Full-Multi coating on ocular lenses and Flat-light™ transmission coated objective lenses work to yield near perfect image transmission.

**EPOCH Prisms**

Unique SF prism material combined with next generation phase correction coating, and AL-HR reflective prism coatings complete a system with near perfect light reflectivity.

Prisms are secured with five retention screws for extra impact resistance.

**Eye Width Adjustment**

**EPOCH Body**

The EPOCH offers a single hinge adjustment for fast eye width adjustment, a Magnesium Alloy body and grip-friendly armor coating making it incredibly light and durable. In addition, the EPOCH is fully waterproof, dust-proof, and filled with nitrogen to make interior fog-ups impossible.

**Eye-width Adjustment**

The distance between the center of the eye pupils is known as interpupillary distance. Since everyone has a different interpupillary distance, the EPOCH has a hinge which allows for eye width adjustment.

**EPOCH™ ZOOM Specifications**

Power	8-15X
Objective diameter	35 mm
Overall dimensions	6"x5.2"x2.2"
Weight	32 oz
Frame material	Mg Alloy
Close focus distance	6 ft
Exit pupil	4.4 mm
Eye relief	17 mm
Twist up eye relief type	Locking multi-step
Field of view at 1000 yds	273 ft*
Aspheric ocular lenses	Yes
Prism type	SF
Phase coating	Yes
Prism coating	AL-HR
Lens coating type	Flat Light
Locking diopter adjustment	Yes
Waterproof / fogproof	Yes
Nitrogen filled	Yes
Tripod compatible	Yes
Warranty type	HALO Lifetime



Note: Specifications listed at 8x

**HALO™ Unlimited Lifetime Warranty**

**BRUNTON EPOCH™ HALO™ WARRANTY PROGRAM**

Welcome to the worry-free world of the Halo. Carry that extra peace of mind on your next adventure since your EPOCH is unconditionally covered by the global reach of the Halo Program.

Whether through use, abuse, or misuse Brunton will make sure your Epoch is performing to its extraordinary standards. If repair is needed, simply contact our Customer Service team for an Epoch VIP Number which guarantees repair or replacement at no charge to you. We will even ship you a loaner pair so your adventure does not have to end. Long live the EPOCH!

To activate your Halo, please complete and return the registration card or contact Brunton:

**BRUNTON**

Customer Service Department  
620 East Monroe Avenue  
Riverton, Wyoming USA 82501  
307.856.6559 | info@brunton.com  
www.brunton.com

1. Look at an object in the distance.
2. Move barrels until the two circular images become one, **figure 2(A)**.
  - No shadows should be present, **figure 2(B)**.
  - Viewing should be comfortable.

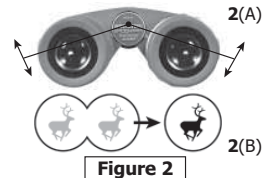


Figure 2

**Eyeglass/Non-Eyeglass Adjustment**

**Locking Multi-Step Long Eye Relief**



The Epoch's patented Locking Multi-Step Long Eye Relief System allows you to adjust for the optimal field of view, whether or not you are an eyeglass wearer. To adjust for individual eye relief, rotate and lock the eyecups into one of the multiple settings. When adjustment is complete the user will have a full field-of-view.

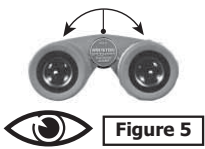
**Eyeglass wearer adjustment**

1. Rotate both eyepieces fully **clockwise**, **figure 3**.
2. Look through binocular to determine whether there is a full image.
3. If not, rotate eyepieces counter-clockwise, one step (click) at a time, until it is possible to see a full image.
4. Note setting for future reference.



Figure 3

EPOCH™	INSTRUCTIONS
<p><b>Non-eyeglass wearer adjustment</b></p> <ol style="list-style-type: none"> <li>1. Rotate both eyepieces fully <u>counter-clockwise</u>, <b>figure 4</b>.</li> <li>2. Look through binocular to determine whether there is a full image.</li> <li>3. If not, rotate eyepieces clockwise, one step (click) at a time, until a full image is visible.</li> <li>4. Note setting for future reference.</li> </ol>  <p style="text-align: center;"><b>Figure 4</b></p> <p><b>Bino Glove™</b></p> <p><b>Using the Bino Glove™ Lens Covers</b></p> <p>Each Epoch Zoom binocular comes with a pair of Brunton's custom neoprene Bino Gloves and neckstrap. The Bino Gloves are designed to protect your binocular's lenses, and they are made to be easily removed or replaced in the field. It is recommended that you attach the female ends of the neckstrap connectors to the binocular strap hooks before placing the Gloves on the binocular. These female ends can then be squeezed through the strap connector eyelets on each Bino Glove. If you need to remove the Bino Gloves while in the field, they can be snapped to the neckstrap, keeping them out of your way, yet easily accessible.</p>  <p style="text-align: center;"><b>4</b></p>	<p><b>Warnings &amp; Safety Precautions</b></p> <ol style="list-style-type: none"> <li>1. <b>NEVER</b> look directly into the Sun! Severe and permanent eye damage could occur.</li> <li>2. <b>NEVER</b> expose the EPOCH protective rubber coating to insect repellent with DEET! Deet causes deterioration of rubber.</li> <li>3. <b>ALWAYS</b> supervise children using the EPOCH! The neck strap could cause strangulation.</li> <li>4. Avoid extreme temperature changes, and protect the EPOCH lenses from extreme heat and cold. Do not store in your vehicle.</li> <li>5. Very carefully remove and replace the eyepieces, when cleaning. The threads are delicate and could strip if care is not taken.</li> <li>6. Do not wipe coarse debris off of the lenses. Either blow, or remove it with a small, bristle brush, in a gentle circular motion.</li> <li>7. Always wipe moisture off the entire binocular before storing in its hard case.</li> <li>8. Storing the EPOCH in its case will prevent damage from dust, debris, extreme temperature changes, saltwater and high humidity.</li> </ol> <p style="text-align: center;"><b>9</b></p>

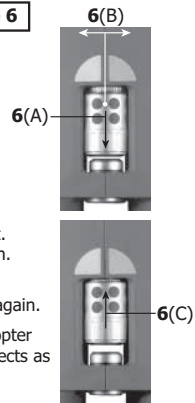
EPOCH™	INSTRUCTIONS
<p><b>Optional Pelican™ Hard Case</b></p> <p>The EPOCH Hard Case incorporates a neoprene o-ring which makes it a completely waterproof and dust-proof storage system. It also has an o-ring sealed, pressure purge valve, for quick equalization due to changes in altitude or pressure.</p> <p>For best protection, store the EPOCH and accessory items in this hard case.</p> <p><b>Care &amp; Maintenance</b></p> <p>Very little maintenance is required on the EPOCH. However, to obtain the full optic brilliance of the binocular, both the ocular and objective lenses must be free of dirt, debris, oil and grease.</p> <p><b>EPOCH lens cleaning</b></p> <p>Remove large debris particles by blowing on the lenses, or by using a small, soft bristle brush in a circular motion. Wipe lenses in a gentle circular motion, using a dry micro-fiber, optic cleaning cloth.</p> <p>To remove oil and/or grease, use the moisture in your breath, then wipe in a gentle circular motion, using the optic cleaning cloth.</p> <p>Household glass cleaners and lens cleaning solutions are not recommended. They can damage the Hard Coat™.</p> <p style="text-align: center;"><b>8</b></p>	<p><b>Focus Adjustment</b></p> <p><b>Locking Diopter Adjustment</b></p> <p>To correct for the difference of visual acuity between your left and right eyes, the Epoch Zoom is equipped with a diopter adjustment ring. Adjustment can be made by pulling down the focus wheel and turning the ring left or right, depending on your needs. After choosing a suitable diopter setting, push the focus wheel up to lock the ring, preventing readjustment during use.</p> <p><b>Variable Speed Focus™</b></p> <p>The EPOCH is engineered with a Variable Speed Focus system allowing you to focus from infinity to 6 feet in less than one rotation. A varying gear ratio changes the rate of focus smoothly throughout the rotation of the focus wheel for quick and precise adjustment.</p> <p><b>Left Eye Focus Adjustment</b></p> <ol style="list-style-type: none"> <li>1. Completely cover <u>right</u> objective lens to block all light.</li> <li>2. Look through binocular at an object at least 100 feet away. <ul style="list-style-type: none"> <li>➢ Do not look through a window, or anything that could cause distortion of light.</li> </ul> </li> <li>3. Rotate center focus wheel until <u>left</u> eye is focused on the object, <b>figure 5</b>. <ul style="list-style-type: none"> <li>➢ Object should be a sharp, detailed image.</li> </ul> </li> <li>4. Remove EPOCH from your eyes, and uncover the right objective lens. <ul style="list-style-type: none"> <li>➢ Process should take at least 10 seconds to allow your eyes to readjust.</li> </ul> </li> </ol>  <p style="text-align: center;"><b>Figure 5</b></p> <p style="text-align: center;"><b>5</b></p>

**Right Eye Focus Adjustment**

1. Cover the left objective lens.
2. Unlock diopter by pulling toward objective lens, **figure 6(A)**.
3. Look through the binoculars at the same object used for left eye adjustment.
4. Rotate diopter wheel until right eye is in focus, **figure 6(B)**.
5. Push diopter in to lock, **figure 6(C)**.
6. Remove EPOCH from your eyes and uncover left objective lens.
  - Allow 10 seconds for your eyes to readjust.
7. With both lenses uncovered, view object again. Object should be in focus.

If object is NOT in focus, follow both procedures again.

Once the EPOCH is in focus, note the personal diopter setting. Now use the focus wheel to focus on objects as close as 6 feet, or miles away.

**Figure 6****Accessory Items****Quick-connect neck strap system**

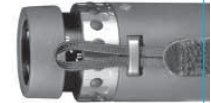
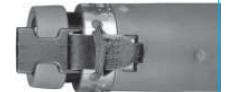
The neck strap is designed for quick, no hassle removal.

**Neck strap attachment**

1. Remove both binocular attachment loops from the neck strap.

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2. Place end of one loop through binocular neck strap eyelet, **figure 7**.
3. Place plastic clip within the loop, and pull the clip completely through, **figure 8**.
4. Repeat steps 2 & 3 for the second attachment loop.
5. Clip neck strap to both binocular attachment loops.
6. Adjust neck strap until EPOCH hangs comfortably around your neck.

**Figure 7****Figure 8****Figure 9****Tripod Mount**

Included with your EPOCH binocular is a tripod and monopod adapter, **figure 9**. This is especially helpful when extra stability is required using a tripod or monopod.

**Tripod attachment**

1. Attach the tripod mount to a tripod using one of the two screw holes on the mount.
2. Unscrew tripod mount cover, **figure 10**.
3. Attach the binocular to the tripod mount by aligning the threads then turning the thumb screw.

**Figure 10**

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