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Leica 40252

Leica Ultravid BR 8x20 Compact Binocular Instruction Manual

Model: 40252

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1. OVERVIEW

The Leica Ultravid BR 8x20 compact binocular is engineered for superior optical performance in a lightweight, portable design. Featuring 8x magnification and a 20mm objective lens diameter, these binoculars deliver bright, sharp images. The robust construction includes AquaDura lens coating for enhanced durability and water resistance up to 16.5 feet (5 meters), making them suitable for various outdoor activities.



Figure 1: Leica Ultravid BR 8x20 Compact Binocular (Model 40252)

2. PACKAGE CONTENTS

Verify that all items are present in your product packaging:

- Leica Ultravid BR 8x20 Compact Binocular (Model 40252)
- Soft carrying case with belt loop
- Neck strap
- Eyepiece caps
- Lens cleaning cloth
- Instruction manual

3. SETUP

3.1 Adjusting Interpupillary Distance

The interpupillary distance (the distance between the centers of your pupils) must be correctly set to ensure a single, circular field of view. Hold the binoculars up to your eyes and adjust the hinge until you see a single, clear image without any dark edges.



Figure 2: Adjusting the binocular hinge for interpupillary distance.

3.2 Adjusting Eyecups

The eyecups can be adjusted to accommodate users with or without eyeglasses. Rotate the eyecups counter-clockwise to extend them for use without eyeglasses. If you wear eyeglasses, rotate the eyecups clockwise until they are fully retracted.



Figure 3: Eyecups in extended position.

3.3 Attaching the Neck Strap

Thread the provided neck strap through the strap lugs on each side of the binocular body. Ensure the strap is securely fastened before use to prevent accidental drops.

4. OPERATING THE BINOCULARS

4.1 Focusing

The Leica Ultravid BR 8x20 features a central focusing wheel and a diopter adjustment. To focus:

1. Close your right eye and look through the left eyepiece at a distant object. Rotate the central focusing wheel until the image is sharp.
2. Close your left eye and look through the right eyepiece. Adjust the diopter ring (located on the right eyepiece) until the image is sharp.
3. With both eyes open, the image should now be perfectly focused. For subsequent use, only the central focusing wheel will typically need adjustment for different distances.



Figure 4: Central focusing wheel and diopter adjustment.

4.2 Folding Mechanism

The compact design allows the binoculars to be folded for easy storage and transport. Gently push the two barrels together until they are fully collapsed. To use, pull them apart until they are at your desired interpupillary distance.



Figure 5: Binoculars in folded position for storage.

5. MAINTENANCE

5.1 Cleaning the Lenses

To clean the lenses, first use a soft brush or compressed air to remove any loose dust or debris. Then, use the provided lens cleaning cloth or a specialized optical cleaning cloth with a small amount of lens cleaning fluid. Wipe gently in a circular motion. Avoid using abrasive materials or harsh chemicals, as these can damage the lens coatings.

5.2 Cleaning the Body

The rubber-armored body can be cleaned with a soft, damp cloth. For stubborn dirt, a mild soap solution can be used, followed by wiping with a clean, damp cloth. Ensure no water enters the optical system.

5.3 Storage

Store your binoculars in a cool, dry place, preferably in their protective carrying case, when not in use. Avoid prolonged exposure to direct sunlight or extreme temperatures.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Blurred image	Incorrect focus or diopter setting	Adjust the central focusing wheel and diopter ring as described in Section 4.1.
Double image or dark edges	Incorrect interpupillary distance	Adjust the hinge until a single, circular field of view is achieved (Section 3.1).
Image appears dim	Low light conditions or dirty lenses	Ensure lenses are clean (Section 5.1). Binoculars perform best in adequate light.
Eyecups do not extend/retract smoothly	Dirt or debris in the mechanism	Gently clean around the eyecup mechanism. Do not force. If issue persists, contact support.

7. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Brand	Leica
Model Number	40252
Magnification	8x
Objective Lens Diameter	20 mm
Prism Type	Roof Prism
Eye Relief	15 mm
Exit Pupil Diameter	2.5 mm
Field of View (at 1000 yds/m)	341 ft / 113 m
Apparent Angle of View	6.4 Degrees
Water Resistance	Waterproof up to 16.5 ft (5 m)
Lens Coating	AquaDura
Focus Type	Center Focus (Manual)
Dimensions (L x W x H)	4.4" x 3.7" x 1.5" (11.2 cm x 9.4 cm x 3.8 cm)
Weight	0.51 lbs (8.16 oz / 231 g)
Material	Rubber armored

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This Leica Ultravid BR 8x20 Compact Binocular is covered by a Limited Lifetime Manufacturer's Warranty. Please refer to the warranty card included in your package for specific terms, conditions, and registration details. The warranty covers defects in materials and workmanship under normal use.

8.2 Customer Support

For technical assistance, service, or warranty claims, please contact Leica customer support. You can find contact information on the official Leica website or in the documentation provided with your product.

For additional resources and product information, visit the official [Leica Store on Amazon](#).