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Celestron TrailSeeker 10X42 Roof Prism Binoculars

AUD
\$453.37

Product Images



Short Description

- **BaK-4 Prisms with Phase and Dielectric Coatings:** Increased light transmission through the prism system for brighter images. Increased contrast and resolution.
- **Magnesium Alloy Body:** Lightweight, durable frame that will last a lifetime and handle use in the field.
- **6.5' Close Focus:** Detailed, up close observation of subject in close proximity
- **Fully Multi-Coated Optics:** delivers crisp, high contrast images with accurate color reproduction.
- **Wide Field of View:** The larger viewing area allows the subject to quickly acquire subject and move within the viewing area without constant movement of the binocular.
- **Metal Multi-Stop Twist Up Eyecups:** More durable eyecups that provide multiple stops for correct positioning for the user's eyes.
- Tripod Adaptable

Description

The TrailSeeker 10x42mm binocular provides high-level outdoor performance—a perfect choice for avid birders, hunters, and outdoor enthusiasts. TrailSeeker is packed with optical, mechanical, and ergonomic features that make it comparable to binoculars costing two to five times as much.

Coatings and Prisms

TrailSeeker features fully broadband multi-coated optics and phase and dielectric-coated BaK-4 prisms. Fully broadband multi-coated is the highest-quality multi-coating available; it extends the range throughout the visual spectrum and enhances the view. It decreases the surface reflectivity therefore allows greater optical through-put across the entire visible light spectrum.

The prism inside TrailSeeker is made of high quality BaK-4 glass with both phase and dielectric coatings so that more light is reflected off the prism and diverted through the eye. Taken together, fully multi-coatings and BaK-4 prisms maximize light transmission for the brightest, most detailed images possible.

The Body

TrailSeeker is composed of lightweight and durable magnesium alloy. Its tough, rigid frame is coated with rubber to stand up to hard use in the field. What's more, the binocular is fully waterproof and filled with dry nitrogen gas to prevent internal fogging of lenses. TrailSeeker can stand up to even the toughest outdoor conditions.

Viewing through TrailSeeker is comfortable for both eyeglass wearers and non-eyeglass wearers alike, thanks to the durable metal twist-up eyecups. Twist through multiple click stops to find the position that works best for you. The metal twist-up eyecups are more durable with a longer life than plastic eyecups; less susceptible to breaking.

Perfect for a Variety of Uses

TrailSeeker features a close focus of just 6.5 feet, making it perfect for viewing birds, butterflies, plants, or other nearby subjects. But this 10x42mm binocular also offers the magnification needed to get great views of distance subjects, plus a wide field of view so you can easily follow them as they move. No matter how you choose to observe, this versatile binocular is an excellent all-around performer.

Ways to Observe

TrailSeeker includes both a neck strap and a carrying harness so you can choose the option that's most comfortable for you. It's also tripod adaptable, so you can mount it on any standard photographic tripod for extended viewing or digiscoping sessions. (Tripod adapter sold separately.) The binocular also includes a protective soft case for storage or transport.

Additional Information

Specifications

Magnification:	10x
Objective Lens Diameter:	42mm (1.65")
Angular Field of View:	6.5°
Linear Field of View (@1000 yds) / @1000 m):	341 ft (113 m)
Exit Pupil:	4.2mm (.16")
Eye Relief:	15mm (.59")
Close Focus:	6.5 ft (2 m)
Interpupillary Distance (max):	73mm (2.87")
Interpupillary Distance (min):	55mm (2.16")
Diopter Adjustment Range:	±3
Twilight Factor:	20.49
Relative Brightness:	17.64
Limiting Stellar Magnitude:	Ideal: 10.62 Moderate: 9.62 Poor: 8.62
Lens Coatings:	Fully Multi-Coated
Prism Glass (Type):	Bak-4
Prism Coatings:	Phase and Dielectric Coated
Weight:	22.4 oz (635 g)
Environmental Protection:	Waterproof
Nitrogen Filled:	Yes
Tripod Adaptable:	Yes
Carrying Case:	Deluxe Soft Case w/ Pocket
Dimensions:	141mm x 130mm x 51mm (5.5" x 5.1" x 2")
Included Items:	Objective lens caps Rainguard Neck strap Harness strap Carrying case Lens cloth Instruction manual
Solar Warning	<ul style="list-style-type: none"> • Never look directly at the Sun with the naked eye or with this optic. Permanent and irreversible eye damage may result. • Never use your optic to project an image of the Sun onto any surface. Internal heat build-up can damage the optic and any accessories attached to it. • Never leave your optic unsupervised. Make sure an adult who is familiar with the correct operating procedures is with your optic at all times, especially when children are present.