Binoculars - TN10x50Pro



APM TELESCOPES

User manual

Congratulations on your purchase of one of our quality binocular products. With **binoculars TN10x50Pro** from **APM Telescopes** you have opted for a product that will give you a lot of pleasure.

Proper handling and care is prerequisite for maintaining the high quality of your new binoculars. Please consider the following tips:

The binoculars TN10x50Pro at a glance



The Optics

Our **APM Telescope binoculars TN10x50Pro** , regardless of their magnification or aperture, use high-quality glass and so-called BAK-4 prisms for high contrast and sharp images across the entire field. Your binoculars have been filled with a completely harmless gas during manufacture. This prevents the ingress of water and protects your valuable **APM Telescope binocuars TN10x50Pro** from fungal attack. Additional special coatings on all optical surfaces further enhance the image quality and ensure true-to-life colors. This allows you to see the smallest details i.e. in the plumage of a bird or in the stadium from the upper ranks.

The Housing

Our **APM Telescopes binocuars TN10x50Pro** have a magnesium housing. It is one of the lightest of all metals. Despite its low weight, it is very stable and corrosion is not possible. Of course our **APM Telescopes binocuars TN10x50Pro** are covered with a rubber coating, which allows a safe, non-slip grip. This and the low weight allows you a long fatigue-free observation.

Waterproof

APM Telescopes binocuars TN10x50Pro are filled with nitrogen and of course water-resistant, so you do not have to worry if your binoculars get wet. If it gets wet, just let it dry at home and it is ready for use again.

Comfortable View

APM Telescopes binocuars TN10x50Pro stand for a very relaxed view. They have an eye relief of 16 mm to 23 mm. The term eye relief explains where to place your eye in order to see the entire field of view. The smaller this distance, the closer you have to bring your eye to the eyepiece. If you wear glasses and want to watch with them, this distance becomes very important. Since **APM Telescopes binocuars TN10x50Pro** have a large eye relief, you can oversee the entire field of view even with your glasses on.

Focusing



APM Telescopes binocuars TN10x50Pro have a so called single-eyepiece focus system. This gives you the opportunity to set the focus individually for each eye. All you need to do is to focus one eyepiece until the image is sharp. Repeat the procedure for the second eyepiece. When you perform the operation on a medium far object, more distant ones are automatically sharp. By the way, differences in the visual performance of the eyes are automatically compensated for. Of course, **APM Telescopes binocuars TN10x50Pro** have a diopter compensation that allows for individual focusing at infinity.

Foldable Eyecups



APM Telescopes binocuars TN10x50Pro have foldable eyecups. If you need glasses you should fold the eyecups. This allows you to conveniently oversee the entire field of view. For observation without glasses, the eyecups remain unfolded.

Lens and Eyepiece Caps



You should always protect both lenses with the supplied protective caps against dust and scratches so you can enjoy watching with your **APM Telescopes binocuars TN10x50Pro** for a long time.

Attaching the Neck Strap



Guide one end of the neck strap from the top through the eyelet on the back of the **APM Telescopes binocuars TN10x50Pro**.
The rubber loop and the sliding loop must be threaded. At first push the end through the rubber loop and then through the sliding loop. Make sure that the strap end extends far enough beyond the sliding loop so that it cannot slip out. Tighten the strap. Proceed with the other end as well. You can use the sliding loops to adjust the length of the strap.

How do military binoculars measure distance?



A military binocular has an objective that helps the user measure distance. Measuring example: A 10 m high boat crosses your course. The value 20 can be read off the numerical scale of the reticle. The distance to be calculated results from the actual size, in our example 10 m, divided by the read size, in our example 20 m, times 1000. 10 m / 20 =0.5 x 1000 = 500 m. So the ship is 500m away. The distance reticle on a binocular is also used for surveillance and reconnaissance. This feature helps in identifying distant vehicles and buildings and ranges of their artillery. In addition to measuring distance, this reticle also helps in determining the height or angle of an object.

Carrying Bag



All **APM Telescopes binocuars TN10x50Pro** come with a high-quality carrying bag made of durable Cordura. The binoculars can be both transported conveniently in this bag and stored safely when not in use.

Care and Maintenance

Too much is too much: Please clean your **APM Telescopes binocuars TN10x50Pro** only if it is visibly soiled. First remove loose dust with an optical brush or bellows. This will avoid scratches. After that you should clean the dirty lens with a damp eyeglass cleaning cloth, microfiber cloth or cleaning swab. Please clean inside out.

Customer Safety Advisory Notice



You must not look directly into the sun with your **APM Telescopes binocuars TN10x50Pro**. You may immediately suffer irreparable eye damage, which can lead to blindness.
Only if the binoculars are equipped with lens filters certified for solar observation, the sun can be safely observed. We are happy to advise you.