

Instruction Manual

omegon

The Omegon Talron binocular series



***Omegon® Talron HD 8x26/8x34/8x42/
10x26/10x34/10x42***

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Congratulation on the purchase of a pair of binoculars from the new Omegon Talron series. These are high-end, high-resolution binoculars for the best performance at the best price. Special glass and coatings are used to provide you with the best vivid colors and sharpness. The binoculars are air-purged and nitrogen-filled to avoid undesired condensation. These binoculars are also water resistant.



Figure 1. Parts description

1. What's included

Binoculars;
Objective caps;
Eyepiece caps;
Strap;
Bag;
Cleaning tissue;

2. Parts description

1- Eyepieces;
2- Extendable eyepiece cups;
3- Central focus knob;
4- Left barrel;
5- Aperture/objective;
6- Right barrel;
7- Diopter adjuster;

3. Getting started.

3.1. Understanding the binoculars. Remove the binoculars from its original box. Each pair of binoculars has a certain magnification (power) and light gathering ability (aperture).

3.2 Power and aperture.

A pair of 8x42 binoculars provides 8x power (magnification) having a 42mm diameter (aperture) for each objective lens. Both power and aperture are important when choosing a pair of binoculars. For hiking, lightweight binoculars are preferable. For hunting, bigger and more powerful binoculars are more useful. The Omegon Talron series consists of a complete line of different aperture and power binoculars for the most demanding applications.

3.3. Check specifications. Starting at 8x26 up to 10x42. Make sure you have the exact ordered model. Do this by reading the engraved data on the centre focus wheel top.

3.4. Field of view (FOV). There is, besides the power and aperture, another very important feature, the FOV at 1,000m. This is the provided field of view in meters as seen for an object 1,000m away. Usually lower magnifications provide wider fields of view.

4. How to use your binoculars. Remove the end caps from the binoculars. Aperture lens (#5 – figure 1) should point to the object being observed.

4.1. Pointing. Try to keep pointing at the same object without changing to objects at significantly different distances.

4.2. Inter-pupillary distance. Adjust inter-pupillary distance by moving the barrels closer or further away from each other. This is important in order to merge the two barrel images into a single one (see figure 2).



Figure 2. Adjust inter-pupillary distance

4.3. Adjust eyecups. The eyecups can be rotated, thus extending or retracting. Adjust to a comfortable position. Users who wear glasses might find it more comfortable to keep them retracted.

4.4 Obtaining a sharp image. Now that you have proceeded with 4.2 and 4.3, you can go ahead and focus the binoculars. First point to an object nearby, about 40 to 50 metres away. Now close your right eye. You will only see light coming from the left barrel, but that is okay. You want to adjust the sharpness of the image coming through that particular barrel. Use the centre focus knob (#3 – figure 1), rotate it to one side and the other until you get a sharp image. Looking through the binoculars (with the left eye open and with the right one closed) you should be able to have a nice sharp image of the object being observed just by adjusting the centre focus knob.

4.5. Dioptre adjustment. Now it is time to open the right eye and keep both eyes open. Do you see a single fused image or do you see two different images? If you adjusted 4.2 and 4.3 correctly, you should see only one image but the image coming from the right barrel might not be as sharp as expected. You need to adjust the dioptre for that ocular. Do not use the centre focus knob for this. Rotate the silver ring below the eyecup (#7 – figure 1) so that you match the sharpness of the image on the left eye. Now when you point to an object, you should be able to quickly get a precisely-focused image by just rotating the centre focus knob.

5. Care and maintenance. These binoculars should be stored in a clean, dust free, dry place. We recommend keeping them in the original supplied pouch when not in use.

Solar warning: Do not point the binoculars at the sun. Concentrated sunlight will permanently damage your eyes.