



# SKYMASTER<sup>®</sup> PRO

BINOCULARS | JUMELLE | BINOCULARES | FERNGLAS | BINOCOLI



ENGLISH .....	2
FRANÇAIS .....	15
ESPAÑOL .....	28
DEUTSCH .....	41
ITALIANO .....	54



ENGLISH

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SKYMASTER® PRO

BINOCULARS

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## CELESTRON® SKYMASTER PRO BINOCULARS

Thank you for purchasing your Celestron SkyMaster Pro binocular. We trust that this binocular will provide you with years of enjoyment and faithful service. Please read the instructions carefully before using your binocular to ensure proper use and care.



Fig 1

**⚠ WARNING:** Never look at the sun while using your binocular.  
Looking at the sun can cause permanent eye damage.

## ADJUSTING THE INTERPUPILLARY DISTANCE

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The interpupillary distance, or the distance between the pupils, varies from person to person. The binocular must be correctly aligned (adjusted) to the distance between your pupils to achieve a single, clear image. To adjust this distance, lift the binocular up to your eyes (using both hands) and look through them at an object in the distance. Move the two barrels (halves) of the binocular closer together or further apart until you see a single, clear image. Check that the interpupillary distance is set correctly every time you use your binocular.



Fig 2

## SETTING THE DIOPTER / FOCUSING

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To ensure a crisp, sharp image the focusing system of the binocular must be set to compensate for any differences in your eyesight. This is achieved by setting the diopter (located on the right eyepiece) before use. To set the binocular to your eyesight follow the instructions below.

To focus the binocular:

1. View an object in the distance through the binocular.
2. Cover the right objective lens with your hand or the objective lens cap.
3. Rotate the focus wheel until the image viewed with your left eye is clear and sharp.
4. Cover the left objective lens with your hand or objective lens cap.
5. Viewing the same object, rotate the right

eyepiece (the diopter) until the image viewed with your right eye is clear and sharp.

6. Your binocular is now adjusted to your eyes and focusing on any object can now be achieved by simply turning the focus wheel.

**TIP:** Eyeglasses worn for nearsightedness should be worn when using binoculars as you may not be able to obtain focus at infinity without them.



Fig 3

## CHANGING THE EYECUPS

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The SkyMaster Pro features interchangeable eyecups to accommodate a variety of viewing situations. Included with the SkyMaster Pro are a set of standard eyecups and a set of winged eyecups. The standard eyecups are ideal for general observation and most viewing situations while the winged eyecups are recommended for viewing situations when the amount of stray light entering the eyepieces needs to be reduced for optimal viewing. The winged eyecups may need to be used during astronomical viewing. To change the eyecup grasp it with the thumb and forefinger near the base of the eyepiece housing and simply pull it away from the eyepiece housing. Once removed the other eyecup can be attached.



## STANDARD EYECUP ADJUSTMENT

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The standard eyecups of the SkyMaster Pro feature foldable rubber to accommodate both eyeglass and non-eyeglass wearers. If you do not wear eyeglasses, leave the rubber eyecups in the up position. If you wear eyeglasses, make sure that the eyecups are folded down to obtain the maximum field of view. When done observing, make sure the rubber eyecups are in the up position for storage.



## RED DOT FINDER RAIL

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The SkyMaster Pro includes a red dot finder rail that allows a red dot finder to be attached to the binocular. Attaching a red dot finder allows you to easily find objects and then view them through the binocular. The rail is not required to use the binocular and can be attached at any time. On the 15x70 it easily clips onto the top of the included tripod adapter and on the 20x80 it easily clips onto



the center rod. Once the finder rail is attached, flip the locking lever to lock it in place and slide an aftermarket red dot finder onto the top of the rail. Celestron offers red dot finders that are compatible with the finder rail that can be found on our website. Before using the red dot it will have to be aligned with the binocular to ensure accurate aiming. Follow the instructions included with the red dot finder for alignment information.



## TRIPOD ADAPTABILITY

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### **SkyMaster Pro 15x70**

The SkyMaster Pro 15x70 features built-in threads that allow the binocular to be attached to a tripod using the included tripod adapter. These threads can be accessed by unscrewing the logo plate found on the front of the hinge. To attach the binocular to a tripod, thread the adapter into the binocular and attach the other end of the adapter to a photographic tripod. Mounting the binocular on a tripod allows for added stability and comfort during prolonged viewing.



Fig 10



Fig 11

## SkyMaster Pro 20x80

The SkyMaster Pro 20x80 features a built in tripod adapter that allows the binocular to be attached to a tripod without the need of any additional accessories. The tripod adapter is attached to the center support rod of the binocular and slides along the rod so that the perfect balance point can be found when attached to a tripod. To attach the binocular to a tripod, thread the mounting screw of the tripod (or quick release plate) into the bottom of the tripod adapter. Loosen the lock lever on the top of the built in tripod adapter and slide the binocular back and forth along the center rod until the perfect balance point is found. Mounting the binocular on a tripod allows for added stability and comfort during prolonged viewing.



Fig 12

## WATERPROOF / FOGPROOF

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The SkyMaster Pro binoculars are waterproof and filled with dry nitrogen gas to prevent the housing from fogging internally.

## CARE AND STORAGE

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Your Celestron binocular will provide you years of dependable service if it is cared for and stored properly.

- 1.** Protect the binocular from impact and do not force any of the moving parts beyond their limits.
- 2.** Protect the optics of your binocular by putting on all lens caps when not in use.
- 3.** Store your binocular in a cool, dry place whenever possible.
- 4.** When storing for an extended period of time, place the binocular in a plastic bag or airtight container with a desiccant.
- 5.** Do not leave the binocular in a car on a hot/sunny day or near anything that generates heat as this may cause damage.
- 6.** Clean any dust, dirt or water that may get on the binocular or inside moving parts as soon as possible to prevent any unforeseen damage.

## CLEANING

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Proper cleaning of the lenses is essential to maintaining the optical integrity of your binocular. Dirty lenses diminish the amount of light transmitted through the binocular and your overall viewing experience.

1. Remove any dust on the lenses with a soft lens brush or can of pressurized air.
2. Remove any fingerprints, stains or smudges from the lens surface with a soft, clean lens

cloth or lens tissue by rubbing in a circular motion. Start in the middle of the lens and work your way to the edges. Breathe lightly on the lens to provide moisture if needed.

3. For a more thorough cleaning we recommend the use of a lens/optics cleaning kit available at most photo or optical shops. Follow the directions supplied with the cleaning kit for best results.

## SERVICE AND REPAIR

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If warranty problems arise or repairs are necessary, contact the Celestron customer service department if you live in the United States or Canada. If you live outside of these countries, please contact the dealer

you purchased your binocular from or the Celestron distributor in your country. A list of our distributors can be found on our website.

## WARRANTY

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Your binocular is covered under the Celestron Limited Lifetime Warranty. Celestron warrants these binoculars to be free from defects in materials and workmanship for the binocular's usable lifetime to the original owner. Celestron will repair or replace the binoculars which, upon inspection by Celestron, are found to be defective in materials or workmanship and within the definitions of the limits described below.

This warranty does not cover products that have been subject to abuse, misuse, physically damaged, altered, or had unauthorized repairs or modifications. This warranty does not cover defects due to normal wear and tear and other conditions.

This warranty is valid to U.S.A. and Canadian customers who have purchased their binocular from an authorized Celestron dealer in the U.S.A. or Canada. For products purchased outside

of the U.S.A. or Canada please contact your local Celestron Distributor or authorized Dealer for applicable warranty information. Additional warranty information and eligibility details can be found on the Celestron website.

*This product is designed and intended for use by those 14 years of age and older.  
Product design and specifications are subject to change without prior notification.*

**For complete specifications and product information, visit: [www.celestron.com](http://www.celestron.com)**

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