

Orion® 5-Position 1.25" Filter Wheel

#5522

Congratulations on your purchase of a quality Orion accessory. The Orion 5-Position 1.25" Filter Wheel allows use of up to five 1.25" filters for visual astronomy or astrophotography. With its innovative design and compatibility with 1.25" Orion filters, the Orion 5-Position 1.25" Filter Wheel lets you toggle through different filters with a simple turn of the wheel.

Parts List (Figure 1)

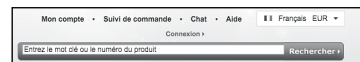
- Filter Wheel
- 1.25" nosepiece
- 1.25" eyepiece adapter
- Camera adapter
- Rotation lock ring
- Threaded end-cap (for storage)

Filter Installation

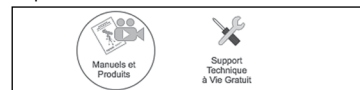
1. Set the Filter Wheel position to "1". Note which filters you intend to use for positions 1 through 5.
2. Thread your Orion 1.25" filters to the front side of the filter wheel (side opposite the label), reaching through the narrow opening (Figure 2). You can optionally remove the front plate with a 2.5mm hex key and Philips head screwdriver to gain better access to the filter wheel carousel, but this is usually not necessary.
3. Confirm that each of your filters are installed in the order you designated for 1 through 5. Make sure the filters have all been threaded securely into the filter wheel, and check for any rattles which might indicate a loose filter.

Français

1 Pour obtenir le manuel d'utilisation complet, veuillez vous rendre sur le site Web **OrionTelescopes.eu/fr** et saisir la référence du produit dans la barre de recherche.

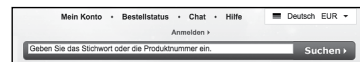


2 Cliquez ensuite sur le lien du manuel d'utilisation du produit sur la page de description du produit.



Deutsche

1 Wenn Sie das vollständige Handbuch einsehen möchten, wechseln Sie zu **OrionTelescopes.de**, und geben Sie in der Suchleiste die Artikelnummer der Orion-Kamera ein.

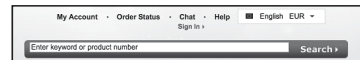


2 Klicken Sie anschließend auf der Seite mit den Produktdetails auf den Link des entsprechenden Produkthandbuchs.



Español

1 Para ver el manual completo, visite **OrionTelescopes.eu** y escriba el número de artículo del producto en la barra de búsqueda.



2 A continuación, haga clic en el enlace al manual del producto de la página de detalle del producto.

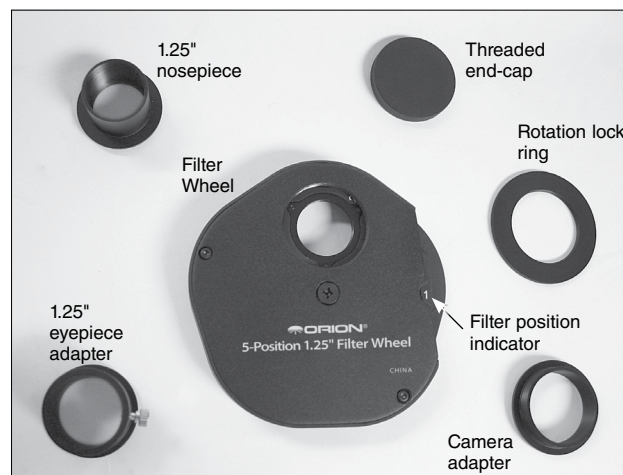


Figure 1.

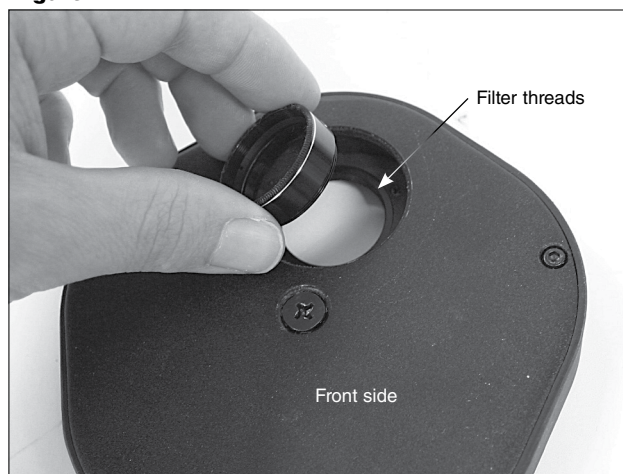


Figure 2.



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You may find it useful to leave one of the five threaded filter locations empty, providing an unfiltered option for viewing or imaging.

Filter Wheel Configurations

Refer to Figures 3.1-3.3.

Using the Filter Wheel with Eyepieces

To use the Filter Wheel with standard 1.25" eyepieces, use the supplied 1.25" eyepiece adapter and thread it to the back of the Filter Wheel body.

Using the Filter Wheel with Cameras

If you are using a CCD camera or DSLR camera, use the supplied camera adapter and rotation lock ring and thread it to the back of the Filter Wheel body. DSLR cameras will require a T-ring (sold separately) for the make and model of your camera. Most CCD cameras will have T-threads on the camera body; otherwise you can use the camera nosepiece instead and connect it to the supplied 1.25" eyepiece adapter.

Attaching the Filter Wheel to a Telescope

The easiest way to attach the Filter Wheel to your telescope is by using the supplied 1.25" nosepiece, threading it into the front of the Filter Wheel, then inserting it into your telescope's focuser. Alternatively, if your telescope is equipped with T-threads or you have a telescope camera adapter, you can thread the front of the Filter Wheel directly to the telescope for the most secure connection.

Use

The 5-Position 1.25" Filter Wheel features a helpful number system that allows you to quickly place the filter of your choice into the light path. Simply note the reference number of each filter during installation, then rotate the knurled wheel until the desired number is displayed in the small notch in the filter wheel housing (Figure 1).

When using the Filter Wheel, you may find it useful to leave one of the five threaded filter locations empty, as it provides an unfiltered option for viewing or imaging.

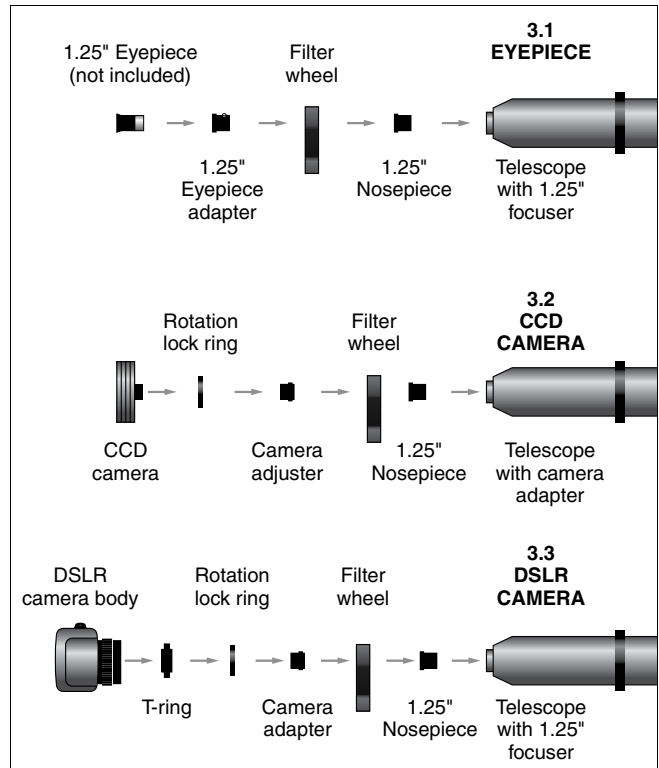


Figure 3.1-3.3

Keep in mind that use of the 5-Position 1.25" Filter Wheel requires 20mm of inward focus travel. This will not be a problem for most telescope designs, but could be a problem for Newtonian reflectors.

Care and Storage

Feel free to leave your 1.25" filters installed in the wheel during storage. To avoid excessive dust buildup, be sure to attach the threaded metal cap (if the camera adapter is attached) prior to storing. If dew has formed on the Filter Wheel, let it dry before storing it. With the filters installed, place the Filter Wheel back inside the product box to protect the Filter Wheel and the filters inside from dust.

One-Year Limited Warranty

This Orion product is warranted against defects in materials or workmanship for a period of one year from the date of purchase. This warranty is for the benefit of the original retail purchaser only. During this warranty period Orion Telescopes & Binoculars will repair or replace, at Orion's option, any warranted instrument that proves to be defective, provided it is returned postage paid. Proof of purchase (such as a copy of the original receipt) is required. This warranty is only valid in the country of purchase.

This warranty does not apply if, in Orion's judgment, the instrument has been abused, mishandled, or modified, nor does it apply to normal wear and tear. This warranty gives you specific legal rights. It is not intended to remove or restrict your other legal rights under applicable local consumer law; your state or national statutory consumer rights governing the sale of consumer goods remain fully applicable.

For further warranty information, please visit www.OrionTelescopes.com/warranty.