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# #5064 Orion® 1.25" 8-Slot Filter Slider / #5065 Orion® 2" 6-Slot Filter Slider

**Congratulations on your purchase of a quality Orion accessory. The Orion filter sliders allow quick changing of multiple filters for visual astronomy or astrophotography. With their innovative design and compatibility with Orion filters, the Orion filter sliders let you toggle through different filters with a simple push on the slider rail without the need to thread filters onto eyepieces in the dark.**

## Parts List

#5064

- 8 slot filter slider with 1.25" nosepiece and 1.25" eyepiece holder fitted with a brass compression ring
- 2.5mm hex key

#5065

- 6 slot filter slider with 2" nosepiece and 2" eyepiece holder fitted with a brass compression ring
- Six 2" to 1.25" filter adapters
- 2.5mm hex key



# Filter Installation

1. Simply thread a filter into an empty slot on the filter slider until it is finger tight. Note that unlike other filter sliders on the market, the Orion filter slider is designed so that the filters are positioned with the anti-reflective coating of the filter facing towards the telescope in just the same manner as placing a filter onto an eyepiece (figure 1). This positioning helps reduce unwanted reflections from within an eyepieces inner space, lens surface and filter coatings.



**Figure 1.** Attaching filters to the filter slider.

2. Make sure the filters have all been threaded securely into the filter slider, and check for any rattles which might indicate a loose filter.

#05065 2" 6-Slot Filter Slider includes six 1.25" to 2" adapters so that 1.25" filters can also be used as well as 2" filters (**figure 2**).



**Figure 2.** 2" filter slider showing 1.25" to 2" filter adapters.

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

## Attaching the Filter Slider to a Telescope

Insert the filter slider nosepiece into a telescope's focuser and lock down tightly to avoid an out of balance filter slider from rotating in place when at its extreme positions.

## Use

Place eyepiece or camera into the filter slider eyepiece holder and lock down securely using the thumbscrew/s.



**Figure 3.** 2.5mm hex screw to adjust slider friction.

Push the filter slider to select different filters. The filter slider will click into place at each filter position. By adjusting the hex screw (figure 3) using the included 2.5mm hex key, this mechanism can be tightened or loosened according to your preference.

Keep in mind that use of the Orion filter slider requires approximately 24mm 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

If dew has formed on the filter slider, let it dry before storing it.

Remove filters when not in use to protect from dirt and scratches.

To insure long life for your filters, avoid touching the glass. Any quality optical lens cleaning tissue and optical lens cleaning fluid specifically designed for multi-coated optics can be used to clean the glass surfaces of your filter. Never use regular glass cleaner or cleaning fluid designed for eyeglasses. Before cleaning with fluid and tissue, blow any loose particles off the surfaces of the filter with a blower bulb or compressed air.

Then apply some cleaning fluid to a tissue, never directly on the optics. Wipe the lens gently in a circular motion, then remove any excess fluid with a fresh lens tissue. Oily fingerprints and smudges may be removed using this method. Use caution; rubbing too hard may cause scratches.

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## **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.

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