

Voigtländer 18mm F2.8 Color-Skopar

Voigtländer 18mm F2.8 Color-Skopar Lens User Manual

For Fujifilm X-Mount Cameras

1. INTRODUCTION

This manual provides essential information for the proper use and care of your Voigtländer 18mm F2.8 Color-Skopar lens. This compact, manual focus lens is designed for Fujifilm X-mount cameras, offering exceptional handling and optical performance. It features a traditional manual focus mechanism with a 1/3 stop aperture ring and a rangefinder-style focusing tab for precise control. The lens is equipped with electronic contacts for compatibility with most X-mount cameras, enabling communication for EXIF data and other functions. Key features include a close focus distance of 6.7 inches (0.17 meters), a 43mm filter thread, and 10 aperture blades for smooth out-of-focus areas (bokeh). The lens provides a field of view equivalent to a 28mm lens on a full-frame camera. Included with the lens are a compact dome lens hood and lens caps.

2. PRODUCT OVERVIEW

The Voigtländer 18mm F2.8 Color-Skopar lens is engineered for durability and precision. Familiarize yourself with its components for optimal use.

2.1 Lens Components

- **Focus Ring:** For manual adjustment of focus.
- **Aperture Ring:** For manual adjustment of the lens aperture in 1/3 stop increments.
- **Lens Mount:** Fujifilm X-mount for attachment to compatible camera bodies.
- **Front Lens Element:** The optical glass at the front of the lens.
- **Rear Lens Element:** The optical glass at the rear of the lens.
- **Filter Thread:** 43mm diameter for attaching filters.

2.2 Included Accessories

- **Lens Hood:** Compact dome-style hood to reduce flare and protect the front element.
- **Front Lens Cap:** Protects the front lens element when not in use.
- **Rear Lens Cap:** Protects the rear lens element and mount when not attached to a camera.



Figure 2.1: Front view of the Voigtlander 18mm F2.8 Color-Skopar lens, showing the lens body, front lens cap, and the separate lens hood ring.

3. SETUP

3.1 Attaching the Lens to Your Camera

1. Ensure your camera is turned off.
2. Remove the rear lens cap from the lens and the body cap from your camera.
3. Align the white mounting index mark on the lens with the corresponding mark on your camera's lens mount.
4. Insert the lens into the camera mount and rotate it clockwise until it clicks securely into place. Do not force the lens.
5. Turn on your camera. The camera should recognize the lens and display aperture information.



Figure 3.1: Rear view of the Voigtlander 18mm F2.8 Color-Skopar lens, highlighting the Fujifilm X-mount and electronic contacts for camera communication.

3.2 Attaching the Lens Hood

The included compact dome lens hood helps to prevent stray light from entering the lens, reducing flare and ghosting, and offers additional protection to the front element.

1. Align the lens hood with the front of the lens.
2. Gently screw the lens hood onto the 43mm filter thread until it is finger-tight.

3.3 Installing Filters

The lens accepts 43mm screw-in filters. To install a filter, simply screw it onto the front filter thread of the lens. The lens hood can then be attached over the filter.

4. OPERATING THE LENS

4.1 Manual Focus

This is a manual focus lens. To focus, rotate the focus ring until your subject appears sharp in the viewfinder or on the LCD screen. The lens features a rangefinder-style focusing tab for quick and intuitive adjustments. For precise focusing, especially with wide-angle lenses, it is highly recommended to use your camera's focus peaking or magnification assist features.

4.2 Aperture Control

The lens features a physical aperture ring with distinct clicks at 1/3 stop intervals, ranging from F2.8 to F22. Rotate the aperture ring to select your desired aperture. The selected aperture value will be communicated to the camera body.

4.3 Depth of Field

The aperture setting directly influences the depth of field. A wider aperture (smaller f-number like F2.8) will result in a shallower depth of field, blurring the background. A narrower aperture (larger f-number like F11 or F16) will result in a greater depth of field, keeping more of the scene in focus.

4.4 Exposure Control

Since this is a manual focus lens with a manual aperture ring, you will typically operate your camera in Aperture Priority (A) or Manual (M) mode. In Aperture Priority, you set the aperture on the lens, and the camera automatically selects the shutter speed. In Manual mode, you control both aperture and shutter speed.



Figure 4.1: Top-down view of the Voigtlander 18mm F2.8 Color-Skopar lens, illustrating the clearly marked aperture and focus rings.

5. MAINTENANCE

5.1 Cleaning the Lens

- **Lens Elements:** Use a soft lens brush or a blower to remove dust. For smudges or fingerprints, use a clean

microfiber lens cloth with a small amount of lens cleaning solution. Apply solution to the cloth, not directly to the lens.

- **Lens Body:** Wipe the lens barrel with a soft, dry cloth. Do not use harsh chemicals or solvents.

5.2 Storage

- *Always attach the front and rear lens caps when the lens is not in use.*
- *Store the lens in a cool, dry place, away from direct sunlight and extreme temperatures.*
- *Avoid storing the lens in areas with high humidity to prevent mold growth.*

5.3 Water Resistance

This lens is **not water resistant**. Avoid exposing it to rain, splashes, or high humidity to prevent damage.

6. TROUBLESHOOTING

6.1 Lens Not Recognized by Camera

- Ensure the lens is securely mounted to the camera body. Remove and reattach the lens, ensuring it clicks into place.
- Check the electronic contacts on both the lens and camera body for any dirt or obstruction. Clean gently with a dry, lint-free cloth if necessary.
- Ensure your camera's firmware is up to date.

6.2 Difficulty Achieving Sharp Focus

- Utilize your camera's focus peaking feature, if available, to highlight in-focus areas.
- Use the magnification assist feature on your camera to zoom in on the subject for more precise manual focusing.
- Practice with the manual focus ring and focusing tab to develop muscle memory for quick adjustments.

7. SPECIFICATIONS

Brand	Voigtländer
Model Name	Color-Skopar
Focal Length	18mm (Wide Angle)
Maximum Aperture	F2.8
Minimum Aperture	F22
Lens Type	Prime, Wide Angle
Compatible Mountings	Fujifilm X
Focus Type	Manual Focus
Minimum Focus Distance	6.7 inches (0.17 meters)
Filter Size	43mm
Number of Diaphragm Blades	10
Real Angle Of View	65.5 Degrees

Lens Coating Description	Multicoated
Image Stabilization	Digital (Camera Body Dependent)
Water Resistance Level	Not Water Resistant
Manufacturer	Cosina

8. WARRANTY INFORMATION

This Voigtländer lens comes with a **1-Year Manufacturer Warranty**. Please retain your proof of purchase for any warranty claims. For detailed terms and conditions, refer to the warranty card included with your product or contact the manufacturer directly.

9. SUPPORT

For technical assistance, service, or further inquiries regarding your Voigtländer 18mm F2.8 Color-Skopar lens, please contact your authorized Voigtländer dealer or the manufacturer's customer support. Always refer to the official Voigtländer website for the most up-to-date support information and resources.