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## Sirui MS16L-B

# SIRUI Night Walker 16mm T1.2 S35 Wide Angle Cine Lens Instruction Manual

Model: MS16L-B

## INTRODUCTION

Thank you for choosing the SIRUI Night Walker 16mm T1.2 S35 Wide Angle Cine Lens. This manual provides essential information for the proper setup, operation, and maintenance of your new lens. Designed for cinematic applications, this lens offers a broad field of view, exceptional low-light performance, and precise control for professional videography.

## KEY FEATURES

- **16mm Wide-Angle:** Broadens your field of view for dynamic compositions and storytelling, ideal for expansive landscapes, architectural shots, and immersive scenes.
- **Ultra-Fast T1.2 Aperture:** Provides remarkable low-light capabilities and profound depth of field control. The T1.2 aperture captures serene night scenes and produces a delicate bokeh, rendering a three-dimensional quality to subjects against a softly blurred background.
- **Superb Close Focus Distance:** At a close focus distance of 0.3m, this lens allows for detailed close-up shots, opening up macro videography possibilities with impeccable precision and clarity.
- **Cinematic Image Quality:** Equipped with premium glass elements and state-of-the-art coatings, the Nightwalker lens minimizes chromatic aberrations, ensuring footage is rendered with sharp detail and vibrant color fidelity.
- **Compact and Lightweight Design:** Weighing approximately 585g (1.3 lbs), this lens is designed for portability and ease of use in various shooting scenarios, including run-and-gun setups.
- **Consistent Design:** Features uniform size, identical gear ring positions, and a 67mm filter thread across the Night Walker series, simplifying lens changes and rig adjustments.
- **Smooth Operation:** The aperture ring's de-clicked mechanism allows for silent, fluid exposure changes, crucial for cinematic productions.

## PRODUCT OVERVIEW

The SIRUI Night Walker 16mm T1.2 S35 Wide Angle Cine Lens is engineered for professional filmmakers. Its robust construction and intuitive design ensure reliable performance in demanding environments.



**Image 1:** The SIRUI Night Walker 16mm T1.2 S35 Wide Angle Cine Lens mounted on a camera body, showcasing its compact design and professional finish. The lens features clearly marked focus and aperture rings.

### Lens Components

- **Front Element:** High-quality optical glass.
- **Focus Ring:** Geared for precise manual focus adjustments.
- **Aperture Ring:** De-clicked for smooth, silent aperture changes (T1.2 to T16).
- **Lens Mount:** L Mount (MS16L-B model).
- **Filter Thread:** M67x0.75 for attaching filters.

# Silky-Smooth Operation



**Image 2:** A close-up of hands adjusting the focus ring, highlighting the silky-smooth operation of the lens, essential for precise cinematic pulls.

## SETUP

### Attaching the Lens

1. Ensure your camera is powered off.
2. Remove the rear lens cap from the SIRUI Night Walker 16mm lens and the body cap from your camera.
3. Align the red dot on the lens barrel with the corresponding red dot on your camera's L mount.
4. Gently insert the lens into the camera mount and rotate it clockwise until it clicks into place. Do not force the lens.
5. Remove the front lens cap. Your lens is now ready for use.

### Initial Camera Settings

- Set your camera to manual focus (MF) mode.
- Adjust the aperture directly on the lens using the de-clicked aperture ring.
- For optimal performance with S35 lenses on compatible cameras, ensure your camera's sensor mode is set to APS-C/Super 35mm. Refer to your camera's manual for specific instructions on this setting.



**Image 3:** Example of a camera menu displaying the APS-C/Super 35mm setting, which should be enabled when using this lens for proper image capture.

## OPERATING INSTRUCTIONS

### Manual Focus

The SIRUI Night Walker 16mm lens features a long, smooth focus throw (270° rotation angle) for precise manual focusing. Use the geared focus ring to achieve critical sharpness. For best results, utilize your camera's focus peaking or magnification features.

### Aperture Control

Adjust the T-stop using the de-clicked aperture ring on the lens. The wide T1.2 aperture allows for excellent low-light performance and shallow depth of field. The aperture can be stopped down to T16 for increased depth of field.

# SIRUI Night Walker

## S35 Cine Lens



### Ultra-Fast Aperture



**Image 4:** The ultra-fast T1.2 aperture of the SIRUI Night Walker 16mm lens enables exceptional low-light shooting and creative depth of field effects.

### Wide-Angle Perspective

The 16mm focal length provides a wide field of view, equivalent to approximately 24mm on a full-frame sensor (due to the S35 format). This makes it ideal for establishing shots, environmental portraits, and capturing expansive scenes.

# Immersive Storytelling



**16mm Wide-Angle: 24mm in full-frame equivalence**



# 16MM

Ideal for establish landscape, environmental shots

**Image 5:** An example of the immersive wide-angle perspective captured with the 16mm lens, suitable for broad landscapes and architectural scenes.

## Close Focus Capabilities

With a minimum focus distance of 0.3 meters, the lens allows you to get close to your subjects, capturing intricate details and creating a unique sense of intimacy in your shots.

# Perfect for Run & Gun Shooting

## *Less Than* **600g/1.3lb**



**Image 6:** A visual representation of the lens's ability to focus closely, highlighting its 0.3m minimum focus distance for detailed shots.

### Video Demonstrations

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**Video 1:** A comprehensive review of the SIRUI Night Walker cine lenses, demonstrating their performance and features in various shooting conditions. This video provides practical insights into using the 16mm lens.

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**Video 2:** "Sirui Night Walker S35 T1.2 | Lead You to the Cine World" - This video showcases the cinematic capabilities of the Night Walker S35 T1.2 lenses, including examples of footage captured with the 16mm lens.

### COMPATIBILITY

The SIRUI Night Walker 16mm T1.2 S35 Wide Angle Cine Lens (Model MS16L-B) is designed for cameras with an L Mount. It is compatible with APS-C/S35 sensor formats.

## Compatible Mountings:

- Leica L Mount

## Compatible Camera Models (Examples):

- Sigma FP
- Panasonic S5/S5II/S5IIX
- Panasonic DC-BGH1
- Other cameras with L Mount and APS-C/S35 sensor capabilities.



Image 7: A visual guide to compatible camera bodies featuring the L-Mount, ensuring broad usability for the SIRUI Night Walker lens.

## MAINTENANCE

- **Cleaning the Lens:** Use a soft, lint-free cloth and a specialized lens cleaning solution to clean the front and rear elements. Avoid touching the glass surfaces with your fingers. Use a blower brush to remove dust before

wiping.

- **Storage:** When not in use, store the lens with both front and rear caps attached in a dry, cool place away from direct sunlight and extreme temperatures. Consider using a dehumidifier in humid environments to prevent mold growth.
- **Handling:** Always handle the lens by its barrel, avoiding excessive pressure on the focus or aperture rings.

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## TROUBLESHOOTING

- **Lens not attaching securely:** Ensure the red alignment dots on the lens and camera body are correctly matched. Rotate until a click is heard. Check for any obstructions on the mount.
- **Image is blurry/out of focus:** Verify that your camera is set to manual focus (MF) mode. Adjust the focus ring on the lens carefully. Utilize focus peaking or magnification features on your camera to assist with critical focus.
- **Dark corners/vignetting:** Ensure your camera's sensor mode is set to APS-C/Super 35mm, as this lens is designed for that format. Using it on a full-frame sensor without cropping may result in vignetting.
- **Dust on sensor/lens:** Use a blower brush to remove dust. If dust persists on the sensor, refer to your camera's manual for sensor cleaning procedures or consult a professional.

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## SPECIFICATIONS

<b>Model</b>	MS16L-B
<b>Focal Length</b>	16mm
<b>Mount Type</b>	L Mount
<b>Frame</b>	APS-C/S35
<b>Aperture Range</b>	T1.2 - T16
<b>Lens Structure</b>	14 elements in 5 groups
<b>Aperture Blades</b>	13
<b>Minimum Focus Distance</b>	0.3m
<b>Filter Spec</b>	M67x0.75
<b>Rotation Angle of Focus Ring</b>	270°
<b>Max. Diameter</b>	79mm / 3.11 inches
<b>Length</b>	94.1mm / 3.7 inches
<b>Weight</b>	585g / 1.3 lbs
<b>Product Dimensions</b>	3.7 x 2.64 x 2.64 inches

Item Weight

1.32 pounds

## WHAT'S IN THE Box

- SIRUI Night Walker 16mm T1.2 S35 Wide Angle Cine Lens (MS16L-B)
- Front Lens Cap
- Rear Lens Cap
- Lens Pouch
- Service Card
- Warranty Card

# What's in the box?

SIRUI

1 Package Box x1

SIRUI

2 Pouch x1



3 Service Card x1



4 Warranty Card x1



5 Lens x1

Image 8: The complete package contents for the SIRUI Night Walker lens, showing the lens, protective pouch, and documentation.

## **WARRANTY AND SUPPORT**

Your SIRUI Night Walker 16mm T1.2 S35 Wide Angle Cine Lens is covered by a manufacturer's warranty. Please refer to the included Warranty Card for detailed terms and conditions. For technical support, service, or inquiries, please contact SIRUI customer service through their official website or the retailer where the product was purchased.

Keep your purchase receipt and warranty card in a safe place as proof of purchase may be required for warranty claims.

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