

SMALLRIG AD-14-5440

SMALLRIG 73-inch Heavy Duty Aluminum Alloy Video Tripod AD-14-5440 Instruction Manual

Model: AD-14-5440

1. INTRODUCTION

Thank you for choosing the SMALLRIG AD-14-5440 Heavy Duty Aluminum Alloy Video Tripod. This manual provides detailed instructions for the proper setup, operation, and maintenance of your tripod. Please read this manual carefully before use to ensure optimal performance and longevity of the product. Keep this manual for future reference.

Safety Information

- Ensure all locking mechanisms are securely fastened before mounting equipment or adjusting the tripod.
- Do not exceed the maximum load capacity of 8kg (18lbs).
- Avoid exposing the tripod to extreme temperatures, moisture, or corrosive substances.
- Always handle the tripod with care to prevent damage to its components.

2. PRODUCT OVERVIEW

The SMALLRIG AD-14-5440 is a robust and portable video tripod designed for stable camera support. It features an aluminum alloy construction, a fluid head for smooth movements, and adjustable legs for various shooting scenarios.



Figure 2.1: Overview of the SMALLRIG AD-14-5440 Tripod and its carrying bag.

Key Features

- **Aluminum Alloy Construction:** Durable and lightweight, supporting up to 8kg (18lbs) while weighing only 3.1kg (6.8lbs).
- **Professional Fluid Head:** Offers infinite tilt drag control for smooth pans and tilts, with a tilt range of +85° to -78°. Compatible with 501PL for Manfrotto plates.
- **Horseshoe Head Design:** Features a built-in anti-drop mechanism for enhanced stability on various terrains.
- **Compact and Portable:** Collapses to 88cm (34 inches) for easy transport.
- **Height Adjustable:** Extends from 85cm (33 inches) to 186cm (73 inches) with a 65mm bowl mount for leveling.
- **Accessory Mounts:** Includes 2x 1/4"-20 mounts for attaching accessories like monitors or microphones.

► Height Adjustable ◀

Max Height : 186cm/73 in

2-Section Height : 135cm /53 in

Storage Length : 88cm/34 in

1-Section Height :
85cm /33.5 in

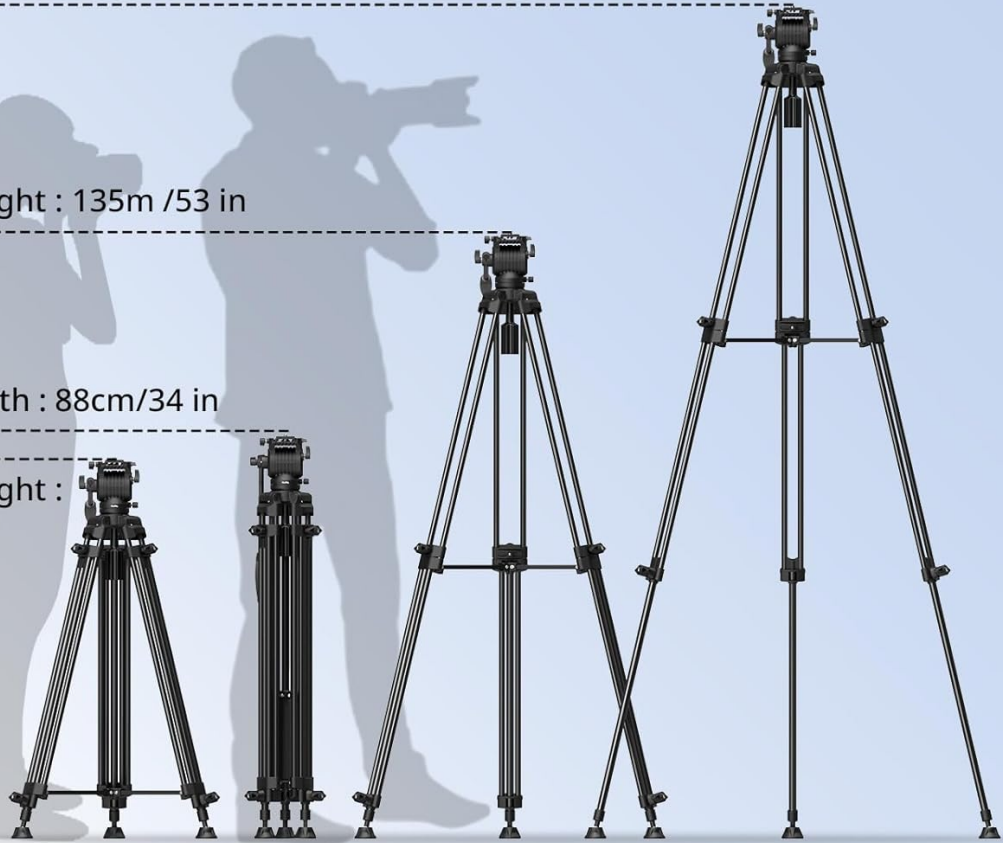


Figure 2.2: Detailed view of the fluid head showing the 3/8"-16 screw, 1/4"-20 screw, QR Plate Locking Knob, QR Plate Release Button, Tilt Locking Knob, and Pan Locking Knob.

3. SETUP

3.1 Unpacking

Carefully remove all components from the packaging. Verify that all items listed in the 'What's in the Box' section are present.

3.2 Extending the Tripod Legs

1. Place the tripod on a flat, stable surface.
2. Release the leg locks on each leg. The AD-14-5440 features 2-button leg locks for secure adjustment.
3. Extend each leg section to the desired height.
4. Securely fasten all leg locks to prevent accidental collapse.

► Expanded Capabilities ◀



Figure 3.1: Illustration of the 2-button leg locks and switchable feet for stable setup on various surfaces.

3.3 Attaching the Quick Release Plate

1. Locate the quick release plate on the fluid head.
2. Press the QR Plate Release Button and slide the quick release plate out.
3. Attach your camera or equipment to the quick release plate using the appropriate 1/4"-20 or 3/8"-16 screw. Ensure it is tightened securely.
4. Slide the quick release plate with your equipment back into the fluid head until it clicks into place.
5. Engage the QR Plate Locking Knob for additional security.

► Quick Switch with One Click ◀

Compatible with MFT quick release plates, this head allows for fast camera through a newly designed snap-on quick-release plate mount



Figure 3.2: Demonstrates the quick release plate mechanism for fast camera attachment and removal.

4. OPERATING INSTRUCTIONS

4.1 Adjusting Tripod Height

The tripod offers a wide range of height adjustments. To adjust, release the leg locks, extend or retract the leg sections, and then firmly re-engage the locks. The tripod can extend from a minimum height of 85cm (33 inches) to a maximum height of 186cm (73 inches).

► Smooth Panning & Tilting ◄



Figure 4.1: Visual representation of the tripod's adjustable height settings, from 85cm (1-section) to 186cm (max height).

4.2 Panning and Tilting

The fluid head allows for smooth and controlled camera movements.

- **Panning:** Loosen the Pan Locking Knob to rotate the camera horizontally (360° panorama). Tighten the knob to secure the position.
- **Tilting:** Loosen the Tilt Locking Knob to adjust the camera vertically. The tilt range is +85° to -78°. Tighten the knob to secure the angle.
- The fluid head features infinite tilt drag control, allowing you to customize the resistance for smoother movements based on your equipment's weight.

► Lightweight & Portable ◀

Carry to Shoot Anywhere



Net Weight
Only 3.1kg (6.8 lbs)

Folded Length
88cm (34 in)

Figure 4.2: Illustrates the 360° panning capability and the +85° to -78° tilt range of the fluid head.

5. MAINTENANCE

5.1 Cleaning

- Wipe the tripod body with a soft, dry cloth after each use to remove dust and dirt.
- For stubborn grime, use a slightly damp cloth with mild soap, then dry thoroughly.
- Avoid using harsh chemicals or abrasive cleaners, as these can damage the finish and components.
- Keep the fluid head clean and free of debris to ensure smooth operation.

5.2 Storage

- Store the tripod in its included carrying bag when not in use to protect it from dust and scratches.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.
- Ensure all leg sections are fully retracted and locked before storage.

6. TROUBLESHOOTING

If you encounter any issues with your SMALLRIG AD-14-5440 tripod, please refer to the following common solutions:

- **Tripod Instability:** Ensure all leg locks are fully engaged and the tripod is placed on a level surface. Check that the horseshoe head design is properly adjusted for the terrain.
- **Stiff Panning/Tilting:** Verify that the Pan Locking Knob and Tilt Locking Knob are sufficiently loosened. Clean the fluid head mechanism if debris is suspected.
- **Quick Release Plate Not Securing:** Ensure the quick release plate is correctly inserted and the QR Plate Locking Knob is engaged. Check for any obstructions in the plate slot.
- **Leg Sections Not Extending/Retracting Smoothly:** Clean the leg sections to remove any dirt or grit. Avoid forcing the sections.

If the problem persists, please contact SMALLRIG customer support for further assistance.

7. SPECIFICATIONS

SmallRig Heavy-Duty Aluminum Alloy Tripod AD-14

ID: 5440

- Tripod × 1
- Allen Wrench × 1
- Storage Bag × 1
- Phone Clamp × 1



Specifications

Product Dimensions

184.0 × 165.0 × 876.0mm
7.2 × 6.5 × 34.5in

Product Weight

3.10 ± 0.05kg / 6.83 ± 0.11lb

Working Height

85.0–186.0cm / 33.5–73.2in

Package Dimensions

910.0 × 170.0 × 160.0mm
35.8 × 6.7 × 6.3in

Package Weight

4.23 ± 0.05kg / 9.33 ± 0.11lb

Figure 7.1: Detailed product and package specifications for the SMALLRIG AD-14-5440.

Feature	Detail
Product Dimensions	34.49 x 7.24 x 6.5 inches (876 x 184 x 165 mm)
Item Weight	6.83 pounds (3.1 kg)
Material	Aluminum Alloy, ABS+PC, Nylon
Weight Limit	8 Kilograms (18 lbs)
Maximum Height	186 Centimeters (73 inches)
Minimum Height	85 Centimeters (33 inches)
Folded Height	88 Centimeters (34 inches)
Tilt Range	+85° to -78°
Pan Range	360°
Tripod Head Type	Fluid Head (Ball Heads)
Compatible Devices	Camera

8. WHAT'S IN THE BOX

The SMALLRIG AD-14-5440 package includes the following items:


- Tripod x 1
- Allen Wrench x 1
- Storage Bag x 1
- Phone Clamp x 1
- Guarantee Card x 1

9. WARRANTY AND SUPPORT

SMALLRIG products are manufactured to high-quality standards. For warranty information, product registration, or technical support, please refer to the included Guarantee Card or visit the official SMALLRIG website. Please retain your proof of purchase for warranty claims.

Related Documents - AD-14-5440





SmallRig



Heavy-Duty Fluid Head Tripod Kit AD-01S

[SmallRig AD-01S Heavy-Duty Fluid Head Tripod Kit: Operating Instructions & Specifications](#)

Comprehensive operating instructions and specifications for the SmallRig AD-01S Heavy-Duty Fluid Head Tripod Kit (Model 4686), designed for professional video shooting. Features include adjustable legs, a step-less damping fluid head, quick-release plate compatibility, and robust aluminum alloy construction.

<p>SmallRig</p>  <p>Lightweight Video Tripod Kit AD-50Lite</p>	<p>SmallRig AD-50Lite Lightweight Video Tripod Kit - Operating Instruction</p> <p>Detailed operating instructions and specifications for the SmallRig AD-50Lite Lightweight Video Tripod Kit. Covers product features, safety guidelines, package contents, and technical details for professional video shooting.</p>
<p>SmallRig</p>  <p>Travel Video Tripod Kit User Manual</p>	<p>SmallRig Travel Video Tripod Kit User Manual</p> <p>User manual for the SmallRig Travel Video Tripod Kit, detailing its features, specifications, warnings, and warranty information. Includes instructions on setup, adjustments, and maintenance.</p>
<p>SmallRig</p>  <p>CT195 Video Tripod Kit User Manual</p>	<p>SmallRig CT195 Video Tripod Kit User Manual</p> <p>User manual for the SmallRig CT195 Video Tripod Kit, detailing product features, specifications, warnings, and contents. Includes instructions for setup and use.</p>
<p>SmallRig</p>  <p>Aluminum Panoramic Ball Head</p>	<p>SmallRig Aluminum Panoramic Ball Head 3034 - Operating Instructions & Specifications</p> <p>Detailed operating instructions and specifications for the SmallRig Aluminum Panoramic Ball Head 3034. Learn about its features, safety guidelines, and how to use it for professional photography, including 360° panoramic shots.</p>
<p>SmallRig</p>  <p>Heavy-Duty Carbon Fiber Tripod Kit User Manual</p>	<p>SmallRig 3989 Heavy-Duty Carbon Fiber Tripod Kit User Manual</p> <p>Comprehensive user manual for the SmallRig 3989 Heavy-Duty Carbon Fiber Tripod Kit. Learn about features, setup, usage, maintenance, and specifications for this versatile camera support system, compatible with Manfrotto and DJI RS quick-release plates.</p>

