

## SMALLRIG AD-01S

# SmallRig AD-01S Video Tripod Instruction Manual

Model: AD-01S | Brand: SMALLRIG

## INTRODUCTION

The SmallRig AD-01S Video Tripod is a heavy-duty aluminum alloy tripod designed for DSLR cameras, camcorders, and other camera equipment. It features a fluid head for smooth pan and tilt movements, a dual-mode quick-release plate for versatile mounting, and adjustable legs with spiked feet for stability on various terrains. This manual provides detailed instructions for the proper setup, operation, and maintenance of your AD-01S Video Tripod.

## Key Features

- **Height Adjustment:** Professional heavy-duty aluminum alloy tripod with built-in bubble level, high-strength aluminum alloy double-row tubes, and 75mm bowl bottom for enhanced stability. Adjustable height range: 85-187cm (34-74 inches).
- **Professional Fluid Head:** Features an adjustable stepless damping system for +90°/-75° tilt and a fixed counterbalance system for 360° smooth pan and tilt camera movements. The video head supports a load capacity of up to 6kg (13.2lb).
- **Dual-Mode Quick-Release Plate Mount:** Newly-designed snap-on quick-release plate mount compatible with DJI RS Series and 501PL quick release plates, allowing for quick switching between stabilizer and tripod shooting.
- **Foot Spiked Design:** Equipped with an anti-dislodgement foot spiked design. The spiked feet mode can be switched through rotating feet pads to adapt to different scenarios.
- **Portability and Storage Convenience:** Includes a pan bar suitable for both left-handed and right-handed users. The video head also features two anti-deflection 1/4"-20 threaded holes for accessories and a built-in wrench. Comes with a handbag for easy storage and transport.

## PACKAGE CONTENTS

- 1 × Tripod Kit
- 1 × Allen Wrench
- 1 × Smartphone Holder
- 1 × Storage Bag
- 1 × Guarantee Card

## SETUP INSTRUCTIONS

### 1. Unfolding the Tripod

Carefully remove the tripod from its storage bag. Release the leg-locking straps and gently extend the legs outwards until they are fully spread. Ensure the mid-level spreader is engaged for maximum stability.



Image: The SmallRig AD-01S Video Tripod shown both folded for transport and fully extended, alongside its dedicated carrying bag.

## 2. Adjusting Height

To adjust the tripod's height, locate the flip-locking systems on each leg. Open the locks, extend the leg sections to your desired height, and then firmly close the locks. The tripod can reach a maximum height of 187cm (74 inches).

# Height Adjustable

Max Height  
187cm / 73.6in

2-Section Height  
134cm / 52.7in

Storage Length  
88cm / 34.6in

Min Height  
84cm / 33.1in

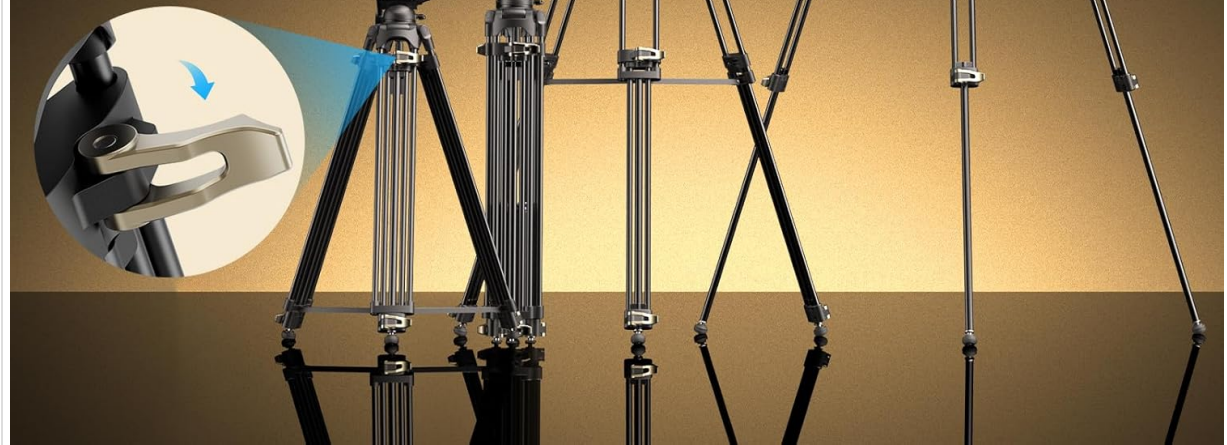


Image: A visual guide demonstrating the various height adjustments of the tripod, from its minimum height of 84cm to its maximum height of 187cm.

## 3. Attaching the Camera

The fluid head features a dual-mode quick-release plate mount. To attach your camera, first ensure the quick-release plate is securely fastened to the bottom of your camera. Then, align the plate with the mount on the fluid head and press it down until it snaps into place. Use the plate lock button to further secure it. The system is compatible with DJI RS Series and 501PL quick release plates.

## Press-to-Mount Quick Release Mounting

Head adopts press-to-mount design for quick plate attachment,  
For MFT, for DJI RS 2 / RS 3 QuickRelease Plate

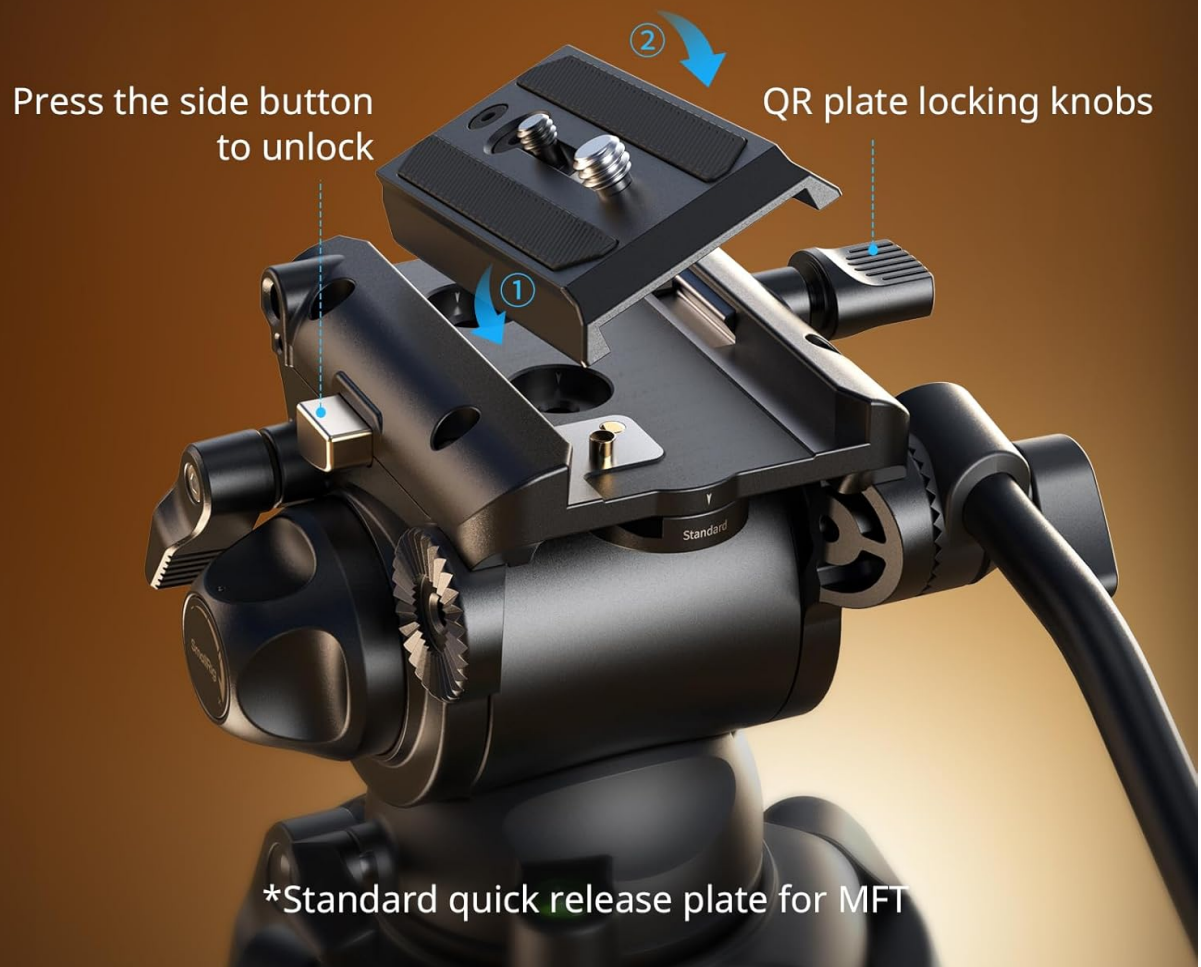


Image: A detailed illustration of how to use the press-to-mount quick release system on the fluid head to attach a camera, highlighting the side button and locking knobs.

### 4. Leveling the Tripod

Utilize the built-in bubble level on the fluid head to ensure your tripod is perfectly level. Adjust the leg heights as needed until the bubble is centered.

### 5. Video Setup Overview

Watch this official video for a comprehensive overview of the SmallRig AD-01S tripod setup and features.

Video: An official SmallRig video showcasing the 74-inch Heavy Duty Tripod AD-01S, demonstrating its various features and ease of use.

## OPERATING INSTRUCTIONS

### 1. Fluid Head Movements

The fluid head allows for smooth 360° panning and +90°/-75° tilting. Use the pan bar to control these movements. Adjust the tilt locking knob and tilt damping adjustment knob to achieve your desired resistance and fluidity for tilting. The pan locking knob controls the horizontal rotation.



## High-performance Hydraulic Damping System

Stepless tilt adjustment for enhanced stability, brings smoother camera motion.

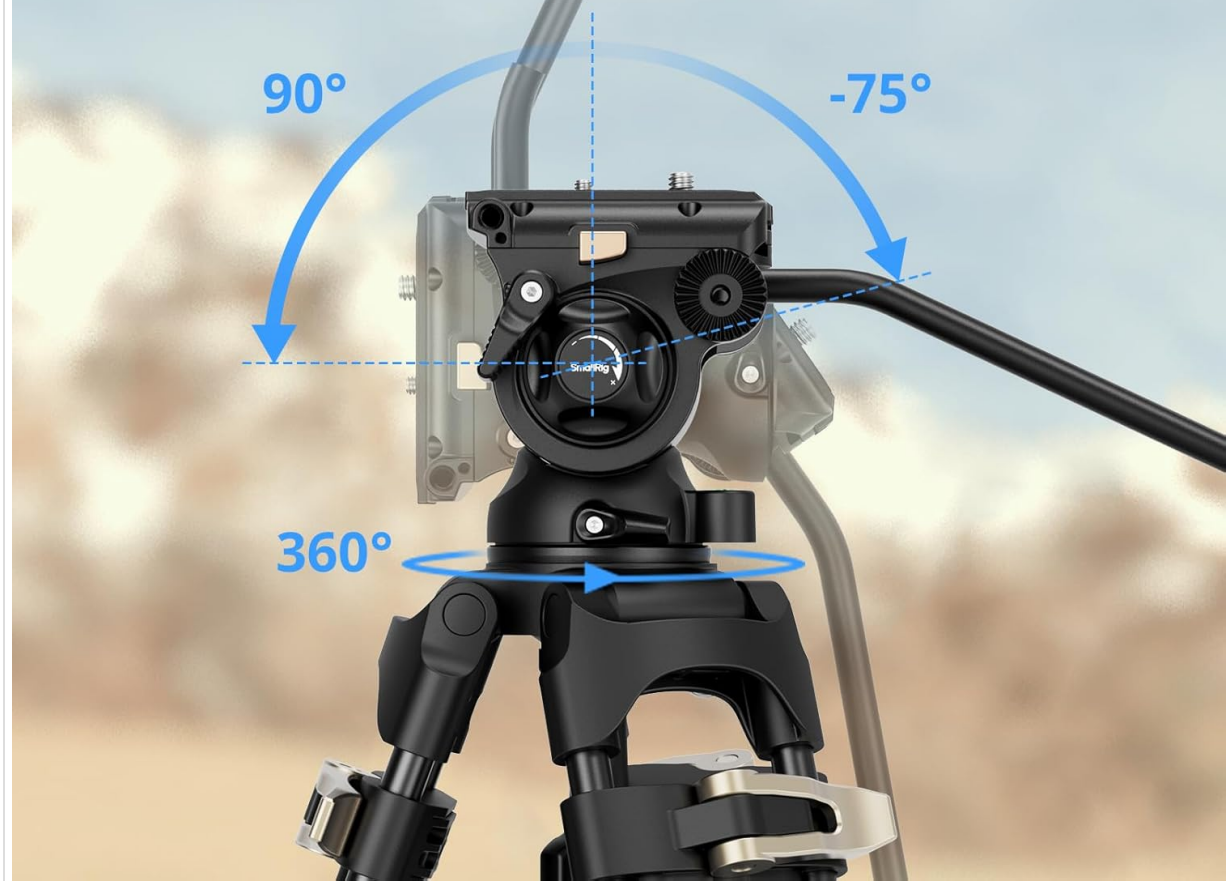


Image: This image highlights the high-performance hydraulic damping system, showing the range of 360° pan and +90°/-75° tilt movements for smooth camera operation.

## 2. Quick Release Plate System

The dual-mode quick-release plate allows for rapid transitions. To switch between DJI RS Series and 501PL compatibility, rotate the switch specifications on the fluid head. This enables quick mounting and dismounting of your camera or stabilizer.

## Quick Switch with One Click



For DJI RS2 / RS3  
quick release plates



For MFT 501PL  
quick release plates

Rotate to Switch  
Specifications

Standard

A camera for DJI RS 2 / RS 3 / RS3 Pro QR Plate can instantly switch between tripod and stabilizer shooting.



Image: A visual explanation of the quick switch mechanism on the fluid head, allowing compatibility with both DJI RS Series and MFT 501PL quick release plates.

### 3. Foot Adjustments

The tripod feet feature a spiked design for enhanced grip on soft or uneven surfaces. To switch between rubber feet and spiked feet, rotate the feet pads at the bottom of each leg. This adaptability ensures stability in various shooting environments.

## Stable Load-Bearing

High-performance hydraulic damping system and high strength aluminum legs allow the tripod to support weights of up to 6kg (13.2lb)



Image: A detailed view of the tripod's built-in spikes, which can be revealed or retracted by rotating the feet pads, offering versatility for different ground conditions.

## MAINTENANCE

- **Cleaning:** Wipe down the tripod with a soft, dry cloth after each use to remove dust and debris. For stubborn dirt, use a slightly damp cloth and mild soap, then dry thoroughly. Avoid harsh chemicals.
- **Lubrication:** Periodically check the moving parts, especially the fluid head and leg locks, for smooth operation. If necessary, apply a small amount of silicone-based lubricant to ensure continued smooth movement.
- **Storage:** When not in use, collapse the tripod to its smallest form and store it in the provided carrying bag. Keep it in a cool, dry place away from extreme temperatures and humidity to prevent damage.
- **Inspection:** Regularly inspect all screws, knobs, and levers to ensure they are tight and functioning correctly. Tighten any loose components with the provided Allen wrench.

## TROUBLESHOOTING

- **Issue: Tripod is unstable.**  
**Solution:** Ensure all leg locks are fully engaged and the mid-level spreader is properly extended. Check that the feet pads are adjusted appropriately for the terrain (rubber for smooth surfaces, spikes for soft ground). Verify the camera is securely mounted on the quick-release plate.
- **Issue: Fluid head movements are not smooth.**

**Solution:** Check the tilt damping adjustment knob and pan locking knob. Ensure they are not overtightened or too loose. If movements remain stiff, a small amount of lubricant may be needed on the fluid head mechanism (refer to maintenance section).

- **Issue: Quick-release plate is difficult to attach/detach.**

**Solution:** Ensure the plate lock button is fully disengaged when attempting to remove the plate. When attaching, make sure the plate is correctly aligned with the mount and pressed firmly until it clicks. Verify the dual-mode switch is set to the correct plate type (DJI RS Series or 501PL).

- **Issue: Legs are difficult to extend or retract.**

**Solution:** Check the flip-locking systems on each leg. Ensure they are fully open before attempting to adjust the leg sections. Clean any dirt or debris from the leg sections that might be causing friction.

## TECHNICAL SPECIFICATIONS

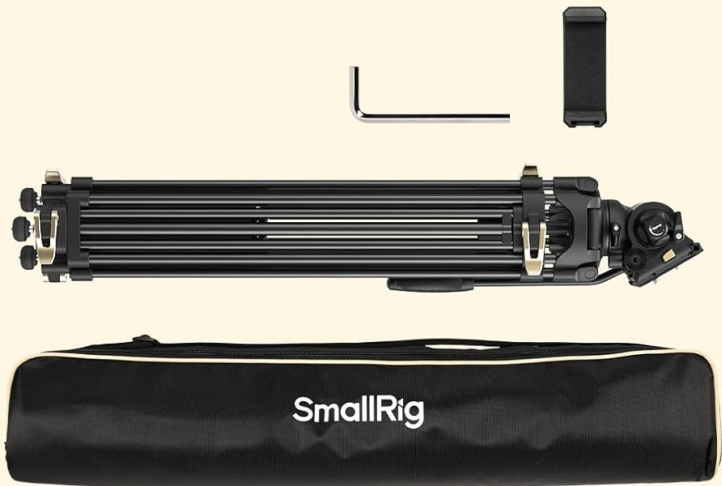
Feature	Specification
Product Dimensions	883.0 × 165.0 × 145.0mm (34.8 × 6.5 × 5.7in)
Package Dimensions	945.0 × 180.0 × 180.0mm (37.2 × 7.1 × 7.1in)
Product Weight	4.1 ± 0.1kg (9.0 ± 0.2lb)
Package Weight	5.3 ± 0.1kg (11.7 ± 0.2lb)
Working Height	84.0cm - 187.0cm (33.1 - 73.6in)
Storage Length	88.0cm (34.6in)
Leg Diameter	14.0mm / 18.0mm (0.5in / 0.7in)
Base Diameter	75.0mm (2.9in)
Tilt Range	90° / -75°
Tilt Control	Stepless
Pan Control	Fixed
Counterbalance	Fixed 4.0kg (8.8lb)
Handle Length	28.0cm (11.0in)
Quick Release Plate Length	10.0cm (3.9in)
Material(s)	Aluminum Alloy, POM, Stainless Steel, Silicone



# SmallRig Heavy-Duty Fluid Head Tripod Kit AD-01S

ID 4686

- Tripod Kit × 1
- Allen Wrench × 1
- Storage Bag × 1
- Phone Holder × 1



## Specifications

### Product Dimensions

883.0 × 165.0 × 145.0mm  
34.8 × 6.5 × 5.7in

### Package Dimensions

945.0 × 180.0 × 180.0mm  
37.2 × 7.1 × 7.1in

### Product Weight

4.1 ± 0.1kg  
9.0 ± 0.2lb

### Package Weight

5.3 ± 0.1kg  
11.7 ± 0.2lb

### Working Height

84.0cm - 187.0cm  
33.1 - 73.6in

### Storage Length


88.0cm  
34.6in

Image: A comprehensive overview of the SmallRig AD-01S tripod kit, including package contents and detailed technical specifications.

## WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the Guarantee Card included in your package or visit the official SmallRig website. Keep your proof of purchase for any warranty claims.

## Related Documents - AD-01S

<div><div>SmallRig</div><div></div><div>Heavy-Duty Fluid Head Tripod Kit AD-01S</div></div>	<div><a href="#">SmallRig AD-01S Heavy-Duty Fluid Head Tripod Kit: Operating Instructions &amp; Specifications</a></div> <div>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.</div>
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<p>SmallRig</p>  <p>CT195 Video Tripod Kit User Manual</p>	<p><a href="#">SmallRig CT195 Video Tripod Kit User Manual</a></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>Lightweight Video Tripod Kit AD-50Lite</p>	<p><a href="#">SmallRig AD-50Lite Lightweight Video Tripod Kit - Operating Instruction</a></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><a href="#">SmallRig Travel Video Tripod Kit User Manual</a></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>Lightweight Video Carbon Fiber Tripod Kit AD-50</p>	<p><a href="#">SmallRig Lightweight Video Carbon Fiber Tripod Kit AD-50: Operating Instructions &amp; Specifications</a></p> <p>Comprehensive operating instructions and specifications for the SmallRig AD-50 Lightweight Video Carbon Fiber Tripod Kit, designed for stable and mobile video shooting. Learn about its features, safety guidelines, and technical details.</p>
<p>SmallRig x POTATO JEST</p>  <p>TRIBEX Carbon II Tripod Kit Operating Instructions</p>	<p><a href="#">SmallRig TRIBEX Carbon II Tripod Kit 5755: Professional Videography Gear</a></p> <p>Discover the SmallRig TRIBEX Carbon II Tripod Kit 5755, engineered for professional outdoor videography. This lightweight carbon fiber tripod features advanced X-Clutch hydraulic technology, a 4-step counterbalance fluid head, and quick-release compatibility for seamless shooting experiences.</p>