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› [SMALLRIG](#) /

› [SmallRig FreeSpeed Heavy Duty Carbon Fiber Video Tripod \(Model 5443\) User Manual](#)

## SMALLRIG 5443

# SmallRig FreeSpeed Heavy Duty Carbon Fiber Video Tripod

Model: 5443

Brand: SMALLRIG

## INTRODUCTION

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Thank you for choosing the SmallRig FreeSpeed Heavy Duty Carbon Fiber Video Tripod, Model 5443. This manual provides detailed instructions for the proper assembly, operation, and maintenance of your tripod to ensure optimal performance and longevity. Please read this manual thoroughly before using the product.

## WHAT'S IN THE BOX

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Verify that all components are present upon unpacking:

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

# FreeSpeed Heavy-Duty Carbon Fiber Tripod FSD-14

ID: 5443

Tripod × 1

Allen Wrench × 1

Storage Bag × 1

Phone Clamp × 1



## Specifications

### Product Dimensions

175.0 × 153.0 × 883.0mm

6.9 × 6.0 × 34.8in

### Package Dimensions

910.0 × 170.0 × 160.0mm

35.8 × 6.7 × 6.3in

### Product Weight

3.40 ± 0.05kg

7.50 ± 0.11lb

### Package Weight

4.46 ± 0.05kg

9.38 ± 0.11lb

Image: Included items with the SmallRig FreeSpeed Heavy Duty Carbon Fiber Video Tripod (Model 5443).

## PRODUCT FEATURES

- **Single-Action Leg Adjustment:** The tripod features a one-step leg deployment knob for quick and efficient height adjustments, streamlining setup for various shooting scenarios.

## ▶ FreeSpeed One-Touch Lock / Release ◀

Featuring a one-step leg deployment knob, it allows for quick height adjustments, streamlining your on-site workflow

**Setup 50% Faster !**

"No More Twisting Multiple Knobs!"



Image: FreeSpeed One-Touch Lock/Release mechanism for rapid leg height adjustment.

- **73" / 186cm Tall Video Tripod:** Offers a height adjustment range from 34 inches (85 cm) to 73 inches (186 cm) to accommodate diverse shooting requirements. The tripod folds to a compact 35 inches (88 cm) for convenient storage and transport in the included carrying bag.

## ▶ Switchable Spike / Rubber Feet ◀

Max Height 186.2cm / 73 in

2-Section Height 134.7m / 53 in

Storage Length: 87.5cm / 34 in

1-Section Height  
85.2cm / 33 in



Image: Tripod height variations and switchable feet options.

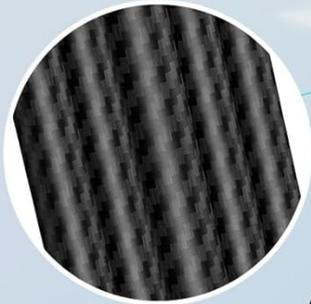
- **Lightweight Carbon Fiber Construction:** Constructed from durable carbon fiber with a 2-2-1 segmented leg design, the tripod system weighs only 3.4 kg (7.5 lb). It supports a maximum load of 10 kg (22.05 lb). The 75mm bowl base is compatible with most standard tripod heads.

# ▶ Lighter & Stronger ◀

The Ultimate Choice for Travel & Carry

Net Weight:

**Only 3.4kg (7.5 lbs)**



**Multiple Carbon  
Fiber Legs**



**VS**

**Aluminum Alloy Tripod**

**4.5kg+**



Image: Carbon fiber construction for reduced weight and increased strength.

## ▶ Sturdy Construction ◀



Image: Sturdy construction supporting a maximum load of 10kg (22.05lb).

- **Fluid Head with Damping Adjustment:** The professional video fluid head features a +90° / -70° tilt damping adjustment knob, enabling precise control for various camera weights and ensuring smooth, cinematic camera movements. It is compatible with Manfrotto quick release plates for rapid camera attachment.



Image: Fluid head with 360° panorama and tilt damping adjustment.

## ► Compatibility

The head is compatible with MFT quick release plates, a newly designed snap-on quick-release plate mount



## ► Upgraded 75mm Bowl

Image: Fluid head compatibility with quick release plates and 75mm bowl.

- **Swivel-Foot Design:** The tripod legs are equipped with anti-detachment swivel feet for enhanced stability on uneven surfaces. These feet are detachable and can be switched between horseshoe and threaded feet. The quick release plate includes 1/4" and 3/8" top screws for broad compatibility with DSLR cameras, mirrorless cameras, camcorders, telescopes, and sliders.

## SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove all components from the packaging. Retain the packaging for future storage or transport.
2. **Fluid Head Attachment:** The fluid head is typically pre-attached. If not, align the fluid head with the 75mm bowl base on the tripod and secure it firmly.
3. **Extending the Legs:**
  - Locate the one-step leg deployment knob on each leg.
  - Rotate the knob to the "Release" position to extend the leg sections.

- Adjust each leg to the desired height.
- Rotate the knob to the "Lock" position to secure the leg at the chosen height. Ensure all legs are securely locked before mounting equipment.

4. **Adjusting Feet:** The tripod comes with swivel feet. For different terrains, you can detach these and replace them with horseshoe or threaded feet if desired. Ensure feet are securely attached.

5. **Mounting the Camera:**

- Locate the quick release plate on the fluid head.
- Press the QD Plate Release Button and slide the quick release plate out.
- Attach the quick release plate to your camera using the appropriate 1/4" or 3/8" screw. Ensure it is tightened securely.
- Slide the camera with the attached quick release plate back into the fluid head until it clicks into place. Verify it is locked by gently attempting to lift the camera.

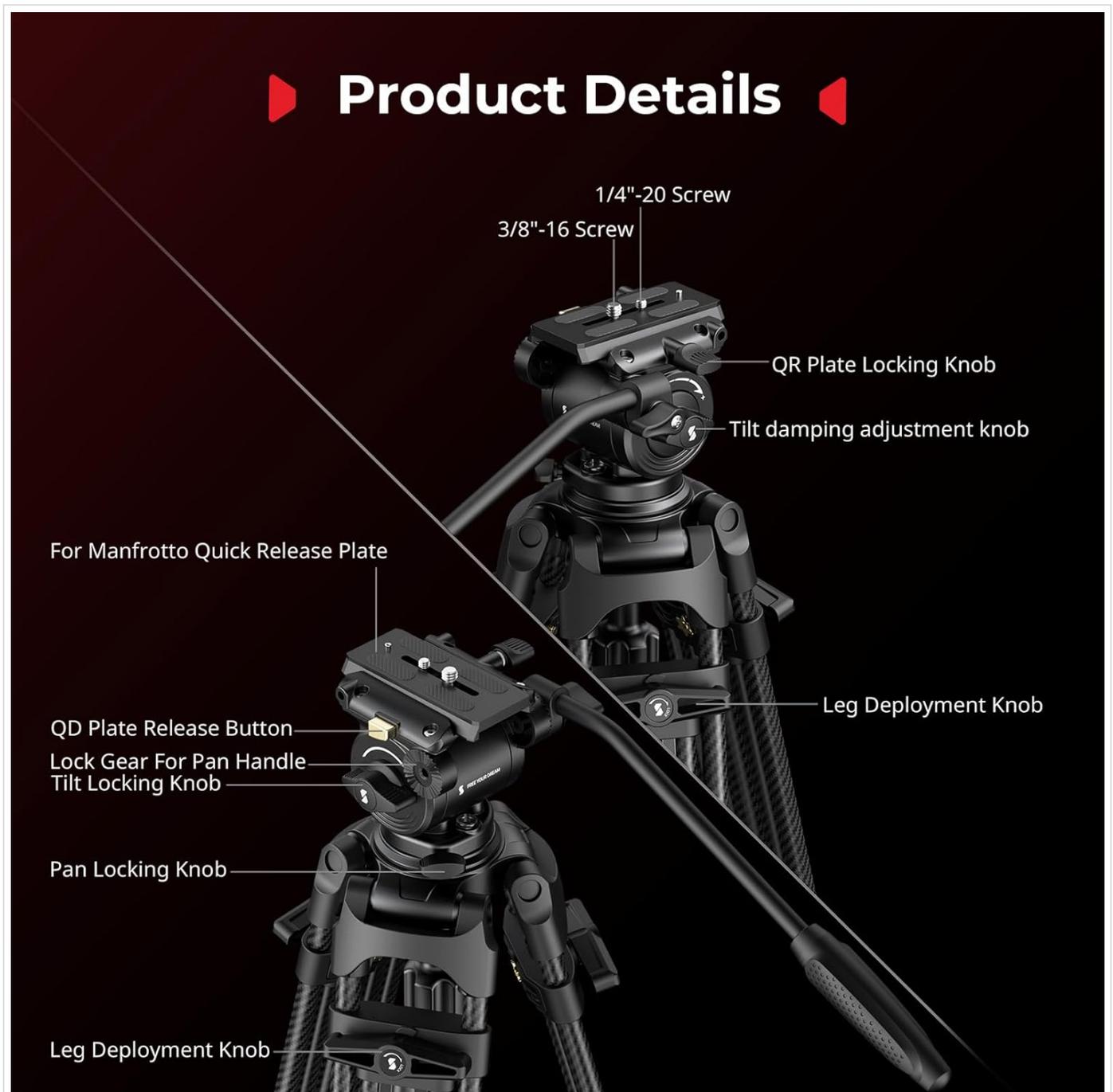


Image: Key components and adjustment points of the SmallRig FreeSpeed Tripod.

# OPERATING INSTRUCTIONS

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## 1. Pan and Tilt Adjustments:

- To pan (horizontal movement), loosen the Pan Locking Knob. Adjust to the desired position and tighten the knob to secure.
- To tilt (vertical movement), loosen the Tilt Locking Knob. Adjust to the desired angle (+90° to -70°) and tighten the knob to secure.

- 2. Damping Control:** The fluid head features a tilt damping adjustment knob. Rotate this knob to increase or decrease the resistance of the tilt movement, allowing for smoother or faster camera movements depending on your needs.
- 3. Quick Release Plate Usage:** For quick camera changes, use the QD Plate Release Button to disengage the quick release plate. Always ensure the plate is fully engaged and locked before leaving the camera unattended.
- 4. Adjusting Leg Angles:** Each leg can be independently adjusted for angle to adapt to uneven terrain. Ensure the leg deployment knob is securely locked after adjustment.

## MAINTENANCE

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- **Cleaning:** Wipe the tripod down with a soft, dry cloth after each use. For stubborn dirt, use a slightly damp cloth and mild soap, then dry thoroughly. Avoid harsh chemicals or abrasive materials.
- **Lubrication:** The fluid head is factory-lubricated. Do not attempt to disassemble or lubricate the fluid head yourself, as this may void the warranty and damage the mechanism.
- **Inspections:** Regularly check all knobs, screws, and leg locks for tightness. Tighten any loose components using the provided Allen wrench.
- **Storage:** When not in use, collapse the tripod legs fully and store it in the provided storage bag in a cool, dry place away from direct sunlight and extreme temperatures.
- **Transport:** Always use the storage bag for transport to protect the tripod from scratches and impacts.

## TROUBLESHOOTING

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If you encounter issues with your SmallRig FreeSpeed Tripod, refer to the following common solutions:

Problem	Possible Cause	Solution
Tripod legs not extending/retracting smoothly.	Leg deployment knob not fully released or debris in leg sections.	Ensure the leg deployment knob is in the "Release" position. Clean leg sections if visible debris is present.
Fluid head movement is stiff or jerky.	Damping adjustment set too high or internal issue.	Adjust the tilt damping knob to a lower setting. If the issue persists, contact customer support.
Camera not securely mounted.	Quick release plate not fully engaged or locking knob loose.	Ensure the quick release plate is fully inserted and the QR Plate Locking Knob is tightened. Verify the QD Plate Release Button has reset.
Tripod unstable.	Legs not fully extended/locked or uneven ground.	Ensure all leg sections are fully extended and locked. Adjust leg angles to compensate for uneven terrain. Check that feet are securely attached.

If troubleshooting steps do not resolve the issue, please contact SmallRig customer support for further assistance.

## SPECIFICATIONS

Feature	Detail
Model Number	5443 (FSD-14)
Product Dimensions (Folded)	34.45 x 6.89 x 6.02 inches (87.5 x 17.5 x 15.3 cm)
Item Weight	7.5 pounds (3.4 kg)
Maximum Height	73 inches (186 cm)
Minimum Height	33 inches (85 cm)
Weight Limit (Payload)	22 Pounds (10 kg)
Safety Load Capacity	14.1 Pounds (6.4 kg)
Material	Carbon Fiber, Aluminum
Tripod Head Type	Pan Heads (Fluid Head)
Bowl Diameter	75mm
Leg Sections	3
Leg Diameters	14mm / 14mm / 18mm
Tilt Range	+90° / -70° (Fluid Head)
Counterbalance	Fixed (1.5kg / 3.3lb)
Handle Length	11.8 inches (30.0 cm)
Quick Release Plate Length	4.1 inches (10.5 cm)
Compatible Devices	DSLR cameras, mirrorless cameras, camcorders, telescopes, sliders

## WARRANTY INFORMATION

SmallRig products are designed for durability and performance. For detailed warranty terms and conditions, including coverage period and claims process, please refer to the official SmallRig website or the warranty card included with your product. Retain your proof of purchase for warranty service.

## CUSTOMER SUPPORT

For technical assistance, product inquiries, or to report any issues, please visit the official SmallRig website at [www.smallrig.com](http://www.smallrig.com). You can find FAQs, support resources, and contact information for their customer service team there.

