

SMALLRIG 14670

SmallRig AP-10 Carbon Fiber Tripod User Manual

Model: 14670

INTRODUCTION

This manual provides detailed instructions for the proper use, setup, operation, and maintenance of your SmallRig AP-10 Carbon Fiber Tripod. Please read this manual thoroughly before using the product to ensure optimal performance and safety.

The SmallRig AP-10 Carbon Fiber Tripod is a lightweight and compact camera tripod designed for photographers and videographers. It features a detachable monopod, a 360° ball head, and a quick release plate, supporting a payload of up to 26.5 lbs.

WHAT'S IN THE BOX

- SmallRig Carbon Fiber Tripod x 1
- Storage Package x 1
- User Manual x 1

KEY FEATURES

- **Ultra-Compact Design:** Folds down to just 21.3 inches (57 mm in diameter) and weighs only 2.6 lbs, ideal for travel and outdoor photography.
- **Strong & Reliable Carbon Fiber:** Made from high-end carbon fiber, offering lightweight strength, corrosion, and abrasion resistance. Supports up to 26.4 lbs.
- **2-In-1 Tripod & Monopod:** Easily converts into a monopod or walking stick. Adjustable height from 19.7" to 52.4" using quick release flip-locks.
- **360° Detachable Ball-Head:** Features a quick-release panoramic ball head with 360° swivel and 90° tilt, damping adjustment knob, and 360° horizontal scale. Compatible with Arca-Swiss quick release plates.
- **Innovative Expandability:** Three 1/4" threaded holes on the bracket for attaching external accessories like magic arms, mobile phones, and monitors.

SETUP GUIDE

1. Unpacking and Initial Inspection

Carefully remove all components from the storage package. Inspect the tripod for any signs of damage during transit. Ensure all listed components are present.

2. Extending the Tripod Legs

To extend the tripod legs, release the quick release flip-locks on each leg section. Extend the legs to the desired height. Securely close the flip-locks to ensure stability. The tripod can be adjusted from 19.7 inches to 52.4 inches.



Figure 1: Illustration of the tripod's adjustable height settings, ranging from 19.7 inches to 52.4 inches, and its compact folded size of 21.3 inches. The image also highlights its lightweight nature (2.6 lbs) and large load capacity (26.5 lbs).

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Video 1: Demonstrates the quick and easy process of extending the tripod legs using the flip-locks, showcasing the rapid adjustment from minimum to maximum height.

3. Adjusting Leg Angles

The tripod offers three alternative adjustment angles for its legs, allowing for versatile positioning, including ultra-low position shooting. Use the leg angle adjustment locks to set the desired spread.



Figure 2: Close-up view of the tripod's leg angle adjustment lock mechanism, illustrating how to change the leg spread for different shooting scenarios.

4. Attaching the Ball Head and Quick Release Plate

The tripod comes with a detachable ball head. Ensure it is securely mounted to the tripod base. The quick release plate attaches to your camera or device. Align the plate with the ball head's receiver and lock it into place using the quick release mechanism.



Figure 3: A comprehensive view of the SmallRig AP-10 Carbon Fiber Tripod, highlighting the ball head and quick release plate components, along with the detachable monopod feature.

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Video 2: Illustrates the process of attaching a camera to the quick release plate and securing it onto the ball head, demonstrating the ease of setup.

OPERATING INSTRUCTIONS

1. Panoramic Shooting

The 360° panoramic ball head allows for smooth horizontal and vertical adjustments. Use the damping adjustment knob to control the movement and the 360° horizontal scale at the gimbal bottom for precise positioning.

360° Panoramic Shooting



Figure 4: Detailed diagram of the ball head, highlighting its 360° panoramic base, 90° tilt capability, quick locking knob, and 1/4"-20 screw QR plate for versatile shooting angles.

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Video 3: Demonstrates the 360° panoramic shooting capability of the ball head, showing smooth rotation for capturing wide scenes.

2. Converting to Monopod

One of the tripod legs can be detached and combined with the ball head to form a monopod. This is ideal for situations requiring quick mobility or as a walking stick for hiking.

Convert to Monopod, More Function



Figure 5: Visual guide illustrating the steps to convert the tripod into a monopod, showing the detachment of one leg and its reattachment with the ball head.

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Video 4: Shows the transformation of the tripod into a monopod, demonstrating its versatility for different shooting needs and as a travel assistant.

3. Attaching External Accessories

The tripod features three 1/4"-20 threaded holes on the bracket. These allow for easy attachment of external accessories such as magic arms, mobile phone holders, or monitors, expanding your shooting capabilities.

Innovative Design for Expandability



1/4" - 20 Threaded Hole

Three 1/4" - 20 standard threaded holes meet the needs of external magic arms, microphones, etc.

Figure 6: An example of the tripod with a smartphone attached via a magic arm to one of the 1/4"-20 threaded holes, demonstrating its expandability for various accessories.

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Video 5: Illustrates the use of the 1/4"-20 threaded holes for attaching external accessories like magic arms and phone holders, enhancing the tripod's functionality.

MAINTENANCE

- **Cleaning:** Wipe down the carbon fiber legs and metal components 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.
- **Lubrication:** Periodically check the movement of the ball head and leg locks. If movement becomes stiff, apply a small amount of silicone-based lubricant to the moving parts. Do not over-lubricate.
- **Storage:** Store the tripod in its included storage bag in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the tripod is clean and dry before storage.
- **Inspection:** Regularly inspect all screws, bolts, and moving parts for tightness and wear. Tighten any loose

fasteners. If any part is damaged, contact customer support for replacement.

- **Detachable Foot Nails:** The foot nails are detachable for cleaning or replacement. Ensure they are securely reattached after any maintenance.



Figure 7: Close-up view of the tripod leg sections, showing the quick release flip-locks and the detachable foot nails, emphasizing the carbon fiber material's corrosion and abrasion resistance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tripod is unstable or wobbly.	Leg locks not fully engaged; uneven surface; payload exceeds limit.	Ensure all flip-locks are securely closed. Place the tripod on a flat, stable surface. Verify your equipment's weight does not exceed 26.5 lbs.

Problem	Possible Cause	Solution
Ball head movement is stiff.	Dirt or debris in the mechanism; lack of lubrication.	Clean the ball head thoroughly. Apply a small amount of silicone-based lubricant to the moving parts.
Quick release plate not securing camera.	Plate not properly seated; locking mechanism not engaged.	Ensure the quick release plate is fully inserted and aligned. Tighten the locking knob firmly.
Leg sections not extending/retracting smoothly.	Dirt or sand inside leg sections; flip-locks are too tight/loose.	Clean leg sections. Adjust the tension of the flip-locks if necessary (refer to maintenance section).

SPECIFICATIONS

Feature	Detail
Product Dimensions	13.78 x 4.72 x 3.94 inches
Item Weight	2.59 pounds (1.175 kg)
Model Number	14670
Brand	SMALLRIG
Material	Carbon Fiber
Weight Limit	26.5 Pounds (12 kg)
Maximum Height	52.4 inches (133.1 cm)
Minimum Height	19.7 inches (50 cm)
Folded Length	21.3 inches (54 cm)
Tripod Head Type	Ball Head
Leg Diameter	2.24 inches (57 mm)

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official SmallRig website or contact their customer service directly. Keep your purchase receipt for warranty claims.

You can also find additional resources and product information on the [SmallRig Brand Store on Amazon](#).



<p>SmallRig x POTATO JET</p>  <p>TRIBEX Carbon II Tripod Kit Operating Instructions</p>	<p>SmallRig TRIBEX Carbon II Tripod Kit 5755: Professional Videography Gear</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>
<p>SmallRig</p>  <p>Lightweight Video Carbon Fiber Tripod Kit AD-50</p>	<p>SmallRig Lightweight Video Carbon Fiber Tripod Kit AD-50: Operating Instructions & Specifications</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</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>
<p>SmallRig x POTATO JET</p>  <p>Tribex Hydraulic Carbon Fiber Tripod Kit</p>	<p>SmallRig x Potato Jet TRIBEX Hydraulic Carbon Fiber Tripod Kit 4259 Operating Instructions</p> <p>Operating instructions and specifications for the SmallRig x Potato Jet TRIBEX Hydraulic Carbon Fiber Tripod Kit (Model 4259). This professional videography tripod features X-Clutch hydraulic technology, carbon fiber construction, adjustable height, and a fluid head with counterbalance.</p>
<p>SmallRig</p>  <p>Portable Carbon Fiber Travel Tripod Kit</p>	<p>SmallRig 5028 Portable Carbon Fiber Travel Tripod Kit - Operating Instructions</p> <p>Detailed operating instructions for the SmallRig 5028 Portable Carbon Fiber Travel Tripod Kit, featuring a 5-section design, lightweight carbon fiber construction, and suitability for travel photography.</p>
<p>SmallRig</p>  <p>Arca-Type Quick Release Mount Plate Kit</p>	<p>SmallRig Arca-Type Quick Release Mount Plate Kit 2280 Operating Instructions</p> <p>Operating instructions for the SmallRig Arca-Type Quick Release Mount Plate Kit 2280, designed for mirrorless and DSLR cameras. Includes product details, safety guidelines, specifications, and what's in the box.</p>