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Fotopro E9

Fotopro E9 Carbon Fiber Tripod with E-9H Gimbal Head Instruction Manual

Model: E9

1. Product Overview

The Fotopro E9 Carbon Fiber Tripod with E-9H Gimbal Head is a professional-grade camera support system designed for stability and smooth operation. Constructed from high-strength 30T Toray carbon fiber, this tripod is suitable for heavy camera setups and long telephoto lenses, ideal for wildlife, birdwatching, sports, and astronomy photography.

The integrated E-9H gimbal head offers 360° panoramic rotation and ±90° vertical tilt with click-stops, enabling precise tracking of moving subjects. It features independent control knobs, a detachable handle, a safety lock, and an Arca-Swiss compatible quick release plate for secure and convenient camera mounting.



Figure 1.1: Fotopro E9 Carbon Fiber Tripod with E-9H Gimbal Head. This image displays the complete tripod and gimbal head assembly, showcasing its robust design and professional appearance.

2. What's in the Box

- Fotopro E9 Carbon Fiber Camera Tripod
- Fotopro E-9H Gimbal Head
- Detachable Handle
- Arca-Swiss Long Quick Release Plate
- Carrying Bag

3. Setup Instructions

3.1 Assembling the Tripod and Gimbal Head

1. Remove all components from the carrying bag.
2. Unfold the tripod legs and extend them to a stable position.
3. Ensure the E-9H Gimbal Head is securely attached to the tripod's leveling base.

3.2 Adjusting Leg Angles and Height

The tripod legs feature 4 sections with secure twist-locks. To adjust height, twist the lock counter-clockwise to loosen, extend the leg section, and twist clockwise to secure. The legs offer 3 variable angles for stability on uneven terrain.



Figure 3.1: Carbon Fiber Tripod Leg. This image highlights the 1K Toray carbon fiber construction of the tripod legs, emphasizing their lightweight and rugged design.

3.3 Leveling the Tripod

The integrated leveling base allows for quick horizontal adjustments without repositioning the tripod legs. Use the level adjustment system to ensure the tripod head is perfectly level, which is crucial for panoramic photography.



Figure 3.2: Level Adjustment System. This image illustrates the mechanism for horizontally adjusting the tripod's level, ensuring balance and stability against wind.



Figure 3.3: Horizontal Bowl Adjustment System. This image shows how to quickly adjust the horizontal level of the tripod head using the bowl system without moving the tripod legs.

3.4 Mounting Your Camera/Lens

1. Attach the Arca-Swiss compatible quick release plate to your camera or lens collar.
2. Slide the quick release plate into the clamp on the E-9H gimbal head.
3. Secure the clamp tightly using the locking knob.
4. Engage the patented safety lock to prevent accidental slips.



Figure 3.4: Patent Safety Locker System. This image demonstrates the safety lock mechanism on the gimbal head, designed to provide additional security and prevent accidental detachment of the camera setup.

3.5 Gravity Adjustment for Balance

The gimbal head features a 6cm center-of-gravity adjustment system. This allows you to perfectly balance long lenses, ensuring smooth, vibration-free operation across both horizontal and vertical axes. Adjust the position of the quick release plate within the clamp until the camera and lens are balanced.

4. Operating the Tripod and Gimbal Head

4.1 Gimbal Head Movement

The E-9H gimbal head allows for 360° horizontal panoramic rotation and ±90° vertical tilt. Use the independent control knobs to adjust the tension for smooth movement or to lock the head in position.



Figure 4.1: Seamless Panorama Shooting. This image shows the tripod and gimbal head supporting a large telephoto lens, illustrating its capability for smooth panoramic movements and supporting heavy loads.



Figure 4.2: 360° Panoramic Shooting. This image demonstrates the tripod's ability to facilitate 360-degree panoramic photography, suitable for various applications like bird, wildlife, and astrophotography.

4.2 Using the Detachable Handle

The detachable handle provides additional control and leverage for precise movements, especially when tracking fast-moving subjects or making fine adjustments.

4.3 Ground-Level Shooting

The tripod legs can be lowered to 16.1cm (6.3 inches) for stable ground-level macro shots. Adjust the leg angles independently to achieve the desired low perspective.

4.4 Enhancing Stability with Weight Hook

A durable weight hook is integrated into the tripod's center column. In windy conditions or when using very heavy equipment, hang a bag or other weight from this hook to increase stability.

4.5 Bionic Sheep's Hoof Titanium Alloy Spikes

The removable rubber feet can be replaced with bionic sheep's hoof titanium alloy spikes for a stronger grip on soft or uneven terrain, such as dirt, sand, or ice.



Figure 4.3: Bionic Sheep's Hoof Titanium Alloy Spikes. This image illustrates the specialized feet designed for enhanced grip on various terrains, providing vertical stability.

5. Maintenance

5.1 Cleaning the Tripod Legs

The carbon fiber legs are waterproof, dustproof, and sandproof. After use in harsh environments, simply rinse them off with fresh water to remove dirt, dust, or salt residue. Ensure all parts are dry before storage.

5.2 Gimbal Head Care

The hard-anodized aluminum gimbal head is designed for durability. Wipe it clean with a soft, dry cloth. Avoid using abrasive cleaners or solvents. Periodically check all screws and knobs for tightness.



Figure 5.1: Special Knuckle Screws. This image shows the high-quality stainless steel knuckle screws, designed for stable locking and resistance to slipping, contributing to overall durability.

5.3 Operating Temperature Range

The tripod and gimbal head are designed to operate reliably in extreme conditions, from -40°C to 70°C (-40°F to 158°F).

6. Troubleshooting

6.1 Instability Issues

- **Legs not fully extended/locked:** Ensure all leg sections are fully extended and twist-locks are securely tightened.
- **Uneven ground:** Adjust individual leg angles to adapt to the terrain.
- **Insufficient weight:** Utilize the weight hook to add stability, especially in windy conditions.
- **Loose head:** Ensure the gimbal head is securely mounted to the tripod's leveling base.

6.2 Gimbal Head Movement Not Smooth

- **Tension knobs too tight:** Loosen the independent control knobs for pan and tilt to achieve desired fluidity.
- **Unbalanced setup:** Re-adjust the camera and lens using the 6cm gravity adjustment system to find the perfect balance point.
- **Dirt/debris:** Clean the gimbal head thoroughly, ensuring no foreign particles are obstructing movement.

6.3 Camera Slipping from Quick Release Plate

- **Plate not secured:** Ensure the quick release plate is firmly attached to your camera/lens collar.
- **Clamp not tightened:** Verify that the clamp on the gimbal head is fully tightened around the quick release plate.
- **Safety lock disengaged:** Always engage the patented safety lock after mounting the camera.

7. Specifications

Maximum Height	64 Inches (162.5 cm)
Minimum Height	6.3 Inches (16.1 cm)
Folded Length	25.6 Inches (65 cm)
Weight Limit	30 Kilograms (66 lbs)
Tripod Weight	4.8 Kilograms (10.5 lbs)
Leg Diameter	41 Millimeters
Number of Leg Sections	4
Head Type	Gimbal Head (E-9H)
Material Type	Carbon Fiber (30T Toray), Aluminum
Color	Silver
Compatible Devices	Camera, Spotting Scope, Telescope
Operating Temperature	-40°C to 70°C (-40°F to 158°F)

8. Warranty Information

This Fotopro E9 Carbon Fiber Tripod with E-9H Gimbal Head is covered by a manufacturer's warranty. For specific details regarding warranty duration and terms, please refer to the documentation included with your purchase or contact Fotopro customer support.

9. Support

For technical assistance, product inquiries, or support, please visit the official Fotopro website or contact their customer service department. Ensure you have your product model (E9) and any relevant purchase information available when seeking support.

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