

## Sirui PH-10

# SIRUI PH-10 Carbon Fiber Gimbal Head User Manual

Model: PH-10

## 1. INTRODUCTION

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The SIRUI PH-10 Carbon Fiber Gimbal Head is a lightweight yet robust accessory designed for photographers and videographers using telephoto lenses. Its carbon fiber construction provides excellent strength while minimizing weight, making it ideal for outdoor and wildlife photography. This manual provides detailed instructions for the proper setup, operation, and maintenance of your PH-10 Gimbal Head to ensure optimal performance and longevity.

The PH-10 is engineered to support heavy camera and lens combinations, up to 15kg (33lbs), allowing for smooth and balanced movement, crucial for tracking fast-moving subjects like birds or athletes.



Image: The SIRUI PH-10 Gimbal Head supporting a camera with a large telephoto lens, demonstrating its capacity for heavy loads while maintaining a lightweight profile.

## 2. SAFETY INFORMATION

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Please read and understand all safety instructions before using the SIRUI PH-10 Gimbal Head. Failure to follow these instructions may result in injury or damage to the product or connected equipment.

- Always ensure the gimbal head is securely mounted to a stable tripod before attaching any camera equipment.
- Verify that all locking knobs are tightened appropriately to prevent accidental movement or dropping of equipment.
- Do not exceed the maximum load capacity of 15kg (33lbs). Overloading can cause instability and damage.
- Keep hands and fingers clear of moving parts during adjustments to avoid pinching.
- Avoid exposing the gimbal head to extreme temperatures, direct sunlight for prolonged periods, or corrosive substances.
- When transporting, ensure all components are securely locked or disassembled and stored in a protective case.

## 3. PACKAGE CONTENTS

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Upon opening the package, please verify that all the following items are included:

- SIRUI PH-10 Carbon Fiber Gimbal Head
- Quick Release Plate
- User Manual (this document)

## 4. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the main components of the SIRUI PH-10 Gimbal Head:



Image: A detailed diagram illustrating the various parts of the SIRUI PH-10 Gimbal Head, including the rotating bases, swing arm, quick release plate, and control knobs.

1. **360° Rotating Base:** Allows for smooth horizontal panning.
2. **Security Lock:** Ensures the quick release plate is securely attached.
3. **Lifter Slide:** Vertical adjustment mechanism for balancing.
4. **360° Rotating Swing Arm:** Provides vertical tilt movement for the mounted equipment.
5. **3/8" Screw / 1/4" Screw:** Mounting screws on the quick release plate for various camera types.
6. **QR Plate:** Quick Release Plate for easy attachment and detachment of equipment.
7. **QR Plate Knob:** Secures the quick release plate to the sliding platform.
8. **Sliding Platform Knob:** Locks the vertical position of the lifter slide.
9. **Track Knob:** Controls the friction and locks the vertical tilt movement of the swing arm.

10. **Base Knob:** Locks the 360° rotating base.
11. **10-Layer Carbon Fiber:** The material composition of the gimbal head body.
12. **360° Panoramic Base:** Provides a separate rotational axis for panoramic photography.

## 5. SETUP

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### 5.1 Attaching to a Tripod

1. Ensure your tripod is stable and capable of supporting the combined weight of the gimbal head, camera, and lens.
2. Locate the 3/8" screw thread at the bottom of the gimbal head's base.
3. Screw the gimbal head onto the tripod's mounting screw until it is firmly secured. Do not overtighten.

### 5.2 Mounting the Camera/Lens

1. Attach the quick release plate to the tripod collar foot of your telephoto lens or directly to your camera body if it does not have a lens collar. Use either the 1/4"-20 or 3/8" screw as appropriate, ensuring it is tightly secured.
2. Loosen the QR Plate Knob on the gimbal head's sliding platform.
3. Slide the quick release plate with your mounted equipment into the clamp on the gimbal head.
4. Once the plate is in position, tighten the QR Plate Knob firmly to secure your equipment. Ensure the security lock engages.



Image: The SIRUI PH-10 Gimbal Head with a camera and telephoto lens securely mounted on a tripod, illustrating a typical setup for photography.

### 5.3 Balancing the Setup

Proper balancing is crucial for smooth operation and to prevent strain on the gimbal head and your equipment.

1. **Vertical Balance:** Loosen the Sliding Platform Knob. Adjust the vertical position of the lifter slide by sliding the quick release plate up or down until the camera and lens remain horizontal when released. Tighten the Sliding Platform Knob.
2. **Horizontal Balance:** Loosen the Track Knob. Adjust the position of the quick release plate forward or backward within the clamp until the camera and lens remain stable when tilted up or down. Tighten the Track Knob.
3. **Pan Balance:** Ensure the Base Knob is slightly loosened. The camera and lens should remain balanced horizontally without drifting.

## 6. OPERATING INSTRUCTIONS

## 6.1 Adjusting Pan and Tilt

The SIRUI PH-10 allows for fluid movement along both horizontal (pan) and vertical (tilt) axes.

- **Panning (Horizontal Rotation):** Loosen the Base Knob to allow the gimbal head to rotate 360° horizontally. Tighten to lock the position.
- **Tilting (Vertical Rotation):** Loosen the Track Knob to allow the swing arm to tilt 360° vertically. Tighten to lock the position.

### 360° Rotating Swing Arm

Movable Camera at Various Angles



Image: Illustration of the 360° rotating swing arm, demonstrating the range of motion for vertical tilting and horizontal panning.

## 6.2 Using the Quick Release Plate and Lifter Slide

The quick release plate and lifter slide facilitate rapid setup and precise vertical adjustments.

- **Quick Release:** To remove your equipment, loosen the QR Plate Knob and slide the quick release plate out of the clamp.
- **Lifter Slide:** For fine-tuning the vertical height of your camera setup, loosen the Sliding Platform Knob and adjust the lifter slide up or down using the precision scale marks. This is useful for varying shooting

height and aligning your sights.

### Moveable Quick Release Plate

Easy attach a compatible photo/video equipment to the quick release plate



### Lifter Slide

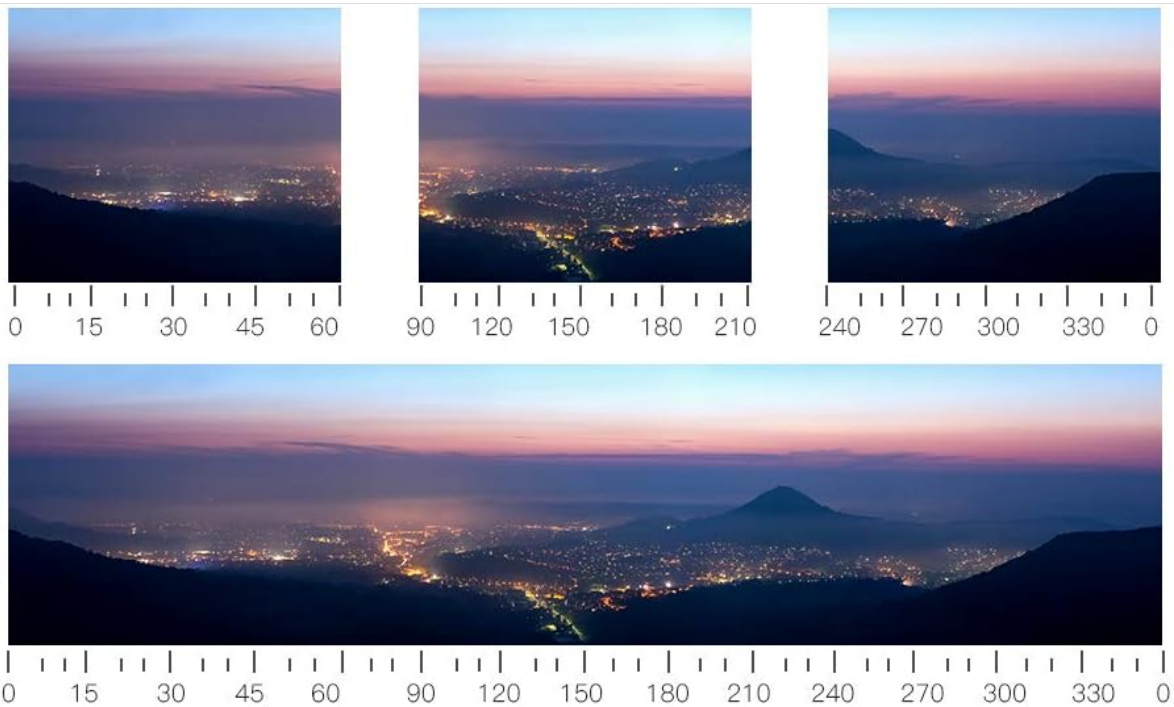
Slide the platform with precision scale marks up or down to vary shooting height and your sights

Image: A visual guide to the moveable quick release plate and lifter slide, detailing how to attach equipment and make vertical adjustments for optimal shooting height.

## 6.3 Panoramic Base

The dedicated 360° Panoramic Base allows for precise panoramic photography.

- The panoramic base is located at the very bottom of the gimbal head, above the tripod mounting thread.
- This base rotates independently of the main panning base, providing an additional axis for precise rotational control, essential for stitching multiple images into a panorama.
- Use the scale markings on the panoramic base for accurate degree adjustments.



## 360° Panoramic Base

More Convenience  
Suitable for Panorama Shooting



Image: An illustration highlighting the 360° Panoramic Base, emphasizing its utility for capturing wide panoramic shots with precision.

## 7. MAINTENANCE

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Regular maintenance will help preserve the performance and lifespan of your SIRUI PH-10 Gimbal Head.

- **Cleaning:** Use a soft, dry cloth to wipe down the gimbal head after each use. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid harsh chemicals or abrasive materials.
- **Lubrication:** The internal mechanisms are factory-lubricated and generally do not require additional lubrication. If movements become stiff over time, contact SIRUI customer support for guidance. Do not attempt to lubricate internal parts yourself.
- **Storage:** Store the gimbal head in a clean, dry environment, away from extreme temperatures and humidity. Using the original packaging or a padded case is recommended for protection during storage and transport.
- **Inspection:** Periodically check all screws and knobs to ensure they are secure. Do not overtighten.

## 8. TROUBLESHOOTING

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If you encounter issues with your SIRUI PH-10 Gimbal Head, refer to the following common problems and

solutions:

Problem	Possible Cause	Solution
Gimbal head feels stiff or difficult to move.	Locking knobs are too tight; dirt or debris in moving parts.	Loosen relevant locking knobs. Clean the gimbal head thoroughly. If problem persists, contact customer support.
Camera/lens setup is not balanced.	Incorrect positioning of quick release plate or lifter slide.	Re-balance the setup by adjusting the quick release plate position and lifter slide height as described in Section 5.3.
Equipment feels loose or wobbly.	Quick release plate not fully secured; gimbal head not firmly attached to tripod.	Ensure the QR Plate Knob is fully tightened and the security lock is engaged. Verify the gimbal head is securely screwed onto the tripod.
Unusual noises during operation.	Presence of foreign particles; internal component issue.	Clean the gimbal head. If the noise persists, discontinue use and contact SIRUI customer support.

If you experience any issues not listed here or if the suggested solutions do not resolve the problem, please contact SIRUI customer support for further assistance.

## 9. SPECIFICATIONS

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Detailed technical specifications for the SIRUI PH-10 Carbon Fiber Gimbal Head:

Feature	Specification
Model Number	PH-10
Material	10-Layer Carbon Fiber
Product Dimensions	6.77 x 2.76 x 8.19 inches (2.76"D x 6.77"W x 8.19"H)
Item Weight	2.16 pounds (980 Grams)
Maximum Weight Recommendation	15 Kilograms (33 lbs)
Compatible Devices	Camera
Color	Black
Folded Size	208 x 172 x 70 millimeters
Global Trade Identification Number	06952060011943

## 10. WARRANTY AND SUPPORT

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For warranty information, technical support, or service inquiries regarding your SIRUI PH-10 Carbon Fiber Gimbal Head, please refer to the warranty card included with your product or visit the official SIRUI website. You may also contact SIRUI customer service directly through the contact information provided on their website.

