

Sirui AM-40

SIRUI AM-40 Low Profile Ball Head Instruction Manual

This manual provides detailed instructions for the setup, operation, and maintenance of your SIRUI AM-40 Low Profile Ball Head. Please read thoroughly before use.

1. PRODUCT OVERVIEW

The SIRUI AM-40 Low Profile Ball Head is a professional-grade, heavy-duty accessory designed for stability and versatility in photography and videography. Constructed from CNC aluminum alloy, it features a 40mm diameter ball for enhanced load capacity and a low-gravity design to improve stability.



Image: Illustration of the SIRUI AM-40's low gravity design compared to a standard ball head, highlighting its stability.

Key Features:

- **Low Gravity Design:** Reduces the distance between the center of gravity and the base, providing better stability and a higher load capacity of up to 55lbs (25kg).
- **Damping Knob for Ball:** Allows memory adjustment to control friction based on load weight, facilitating precise composition.
- **Vertical Notch:** U-shaped notch design enables easy switching between horizontal and vertical shooting for multi-angle flexibility.

- **360° Panning Base:** Provides smooth 360-degree rotation with engraved index marks for accurate panoramic photography.
- **Wide Compatibility:** Features a quick release plate with a 1/4 inch screw and a 3/8 inch female thread at the bottom, compatible with most DSLR cameras, camcorders, heavy-duty binoculars, and camera sliders.

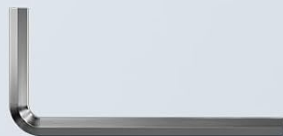
2. WHAT'S IN THE BOX

Upon unboxing, please ensure all components are present and in good condition.

What's In The Box



1 AM-40 Ball Head X1



2 Allen Wrench X1

Specifications

Product Model	AM-40	Product Weight	1.1lbs/ 0.5kg
Material	Aluminum Alloy	Max Load	25kg/55lbs
Base Diameter	59mm/2.3"	Height	84mm/3.31"

Image: The SIRUI AM-40 ball head and an Allen wrench, as typically included in the product package.

- AM-40 Ball Head (x1)
- Allen Wrench (x1)

3. COMPONENTS AND PRODUCT DETAIL

Familiarize yourself with the various parts of the AM-40 ball head for proper operation.

Product Detail



Image: A detailed view of the SIRUI AM-40 ball head, labeling its key components such as the quick release plate, various knobs, and the panning base.

1. **Anti-Slip Rubber Pad:** Provides secure grip for the camera.
2. **Bubble Level:** Assists in achieving a level setup.
3. **Scale Mark:** For precise adjustments.
4. **QR Plate 1/4" Screw:** Standard screw for attaching cameras.
5. **Safety Block:** Prevents accidental camera release.
6. **Plate Locking Knob:** Secures the quick release plate.
7. **40mm Huge Ball:** The core of the ball head, allowing smooth movement.
8. **Main Knob:** Controls the overall movement and locking of the ball.
9. **Damping Fine Tuning Knob:** Adjusts the friction of the ball.
10. **360° Pan Locking Knob:** Locks the panning base.
11. **360° Panning Base:** Allows for smooth horizontal rotation.

4. SETUP

Attaching the Ball Head to a Tripod:

1. Locate the 3/8 inch female thread at the bottom of the AM-40 ball head.
2. Screw the ball head onto the 3/8 inch mounting screw of your tripod or monopod until it is securely tightened.

Attaching Your Camera:

1. Ensure the quick release plate is detached from the ball head. If not, loosen the Plate Locking Knob and slide the plate out.
2. Attach the quick release plate to the bottom of your camera using the 1/4 inch screw. Use a D-ring tightening tool or coin to ensure it is firmly secured.
3. Align the quick release plate with the clamp on the ball head and slide it in until it clicks into place.
4. Tighten the Plate Locking Knob to secure your camera. Always ensure the safety block is engaged to prevent accidental release.

Wide Compatibility



1/4" Screw



DSLR Cameras



Telephoto Lens Camera



Camcorder



Telescope



Camera Slider



Tripod

Universal 3/8" Female Thread

Bottom Dia.: 59mm/2.3 inch



Image: The SIRUI AM-40 ball head demonstrating its wide compatibility with DSLR cameras, telephoto lenses, camcorders, telescopes, and various tripods/sliders.

5. OPERATING INSTRUCTIONS

Adjusting Ball Head Movement (Main Knob):

- To allow free movement of the ball, turn the Main Knob counter-clockwise.
- To lock the ball in position, turn the Main Knob clockwise until it is firm.

Fine-Tuning Damping (Damping Fine Tuning Knob):

- The Damping Fine Tuning Knob allows you to adjust the friction of the ball movement. This is useful for controlling heavier equipment or achieving specific movement resistance.
- Use the provided Allen key to adjust the damping level. Turn clockwise for more friction (stiffer movement) and counter-clockwise for less friction (smoother movement).



Image: Close-up of the SIRUI AM-40 ball head, illustrating the main ball locking knob and the damping fine-tuning mechanism with an Allen wrench.

360° Panning (360° Pan Locking Knob):

- To enable 360-degree horizontal panning, loosen the 360° Pan Locking Knob.
- Rotate the camera to your desired position. The engraved index marks on the base assist in precise alignment for panoramic shots.
- Tighten the 360° Pan Locking Knob to secure the panning base.



Image: The SIRUI AM-40 ball head demonstrating its 360-degree panning capability with a camera mounted, showing the pan locking knob.

Vertical Shooting (Vertical Notch):

- To switch to vertical shooting, loosen the Main Knob.
- Tilt the camera into the U-shaped vertical notch until it is in the desired vertical orientation.
- Tighten the Main Knob to secure the camera in the vertical position.

Multi Angle Adjustment

Tilt it at 90° in the U shaped notch for flexible camera positioning



Vertical



Low Angel



Overhead

Image: The SIRUI AM-40 ball head illustrating its multi-angle adjustment capabilities, including vertical, low angle, and overhead shooting positions.

6. MAINTENANCE

To ensure the longevity and optimal performance of your SIRUI AM-40 ball head, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the ball head with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or abrasive materials.
- **Lubrication:** The ball head is designed for smooth operation and typically does not require additional lubrication. If movement becomes stiff, consult professional service.
- **Storage:** Store the ball head in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check all knobs and screws to ensure they are securely tightened. Do not overtighten.

7. TROUBLESHOOTING

If you encounter issues with your SIRUI AM-40 ball head, please refer to the following common problems and solutions:

- **Ball Head Not Locking Securely:**
 - Ensure the Main Knob is fully tightened clockwise.
 - Check the Damping Fine Tuning Knob. If it is set too loose, the ball may not lock firmly. Use the Allen key to adjust it for more friction.
 - Verify that the quick release plate is correctly seated and the Plate Locking Knob is fully tightened.
 - For very heavy or long telephoto lenses, a ball head may experience slight movement even when fully locked due to leverage. Consider using a gimbal or geared head for such setups if precise, static positioning is critical.
- **Stiff or Difficult Movement:**
 - Loosen the Main Knob and the Damping Fine Tuning Knob (using the Allen key) to reduce friction.
 - Ensure no dirt or debris is obstructing the ball mechanism. Clean as per maintenance instructions.
- **Quick Release Plate Not Engaging/Disengaging:**
 - Ensure the Plate Locking Knob is fully loosened.
 - Check for any obstructions or damage to the quick release plate or the clamp mechanism.

8. SPECIFICATIONS

Feature	Specification
Product Model	AM-40
Brand	Sirui
Material	Aluminum Alloy
Item Weight	0.5 Kilograms (1.1 lbs)
Maximum Weight Recommendation	25 Kilograms (55.1 lbs)
Ball Diameter	40 Millimeters (1.6 inches)
Base Diameter	59 Millimeters (2.3 inches)
Height	84 Millimeters (3.31 inches)
Panning	360°
Compatible Devices	DSLR Cameras, Camcorders, Heavy-duty Binoculars
Water Resistance Level	Not Water Resistant

9. WARRANTY INFORMATION

The SIRUI AM-40 Low Profile Ball Head comes with a 6-year manufacturer's warranty. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the official SIRUI website or contact customer support.

10. SUPPORT

For further assistance, technical support, or inquiries regarding your SIRUI AM-40 Low Profile Ball Head, please visit the official SIRUI website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question