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Sirui AM-02G

SIRUI AM-02G Ball Head Instruction Manual

Model: AM-02G | Brand: Sirui

Introduction

The SIRUI AM-02G Ball Head is designed for precise and smooth camera positioning. It features a robust construction with a high load capacity, making it suitable for various camera setups. This manual provides detailed instructions for the proper setup, operation, and maintenance of your AM-02G Ball Head to ensure optimal performance and longevity.



Image 1: The SIRUI AM-02G Ball Head, showcasing its compact design and control knobs.

Safety Information

- Ensure the ball head is securely mounted to a tripod or monopod before attaching any camera equipment.
- Always check that the quick release plate is firmly locked before releasing your grip on the camera.
- Do not exceed the maximum load capacity of 20 kg (44 lbs) to prevent damage to the ball head or camera.
- Avoid exposing the ball head to extreme temperatures, moisture, or corrosive substances.
- Keep out of reach of children.

Package Contents

Verify that all items are present in the package:

- SIRUI AM-02G Ball Head
- Quick Release Plate
- Protective Bag

Product Features and Overview

The AM-02G Ball Head incorporates several features for versatile camera positioning:

- **Smooth Ball Movement:** Allows for precise and fluid camera adjustments.
- **360° Panoramic Function:** The base can be rotated 360 degrees for panoramic photography.
- **Safety Lock System:** A security pin prevents accidental slipping of the quick release plate.
- **Arca-Swiss Compatible:** The clamping device supports Arca-Swiss style quick release plates.
- **Rubberized Quick Release Plate:** Features a 1/4 inch stainless steel screw and a slot for a hand strap.
- **Integrated Leveling Levels:** Two bubble levels assist in achieving a level horizon.
- **Friction Control:** A separate knob allows regulation of ball friction.
- **Vertical Notch:** Enables quick switching to portrait orientation.



Image 2: Close-up view of the SIRUI AM-02G Ball Head, highlighting the quick release plate and main adjustment knobs.

Setup

1. **Attaching the Ball Head to a Tripod:**

   Locate the 3/8 inch mounting screw on your tripod or monopod. Screw the AM-02G Ball Head onto this screw until it is firmly secured. Ensure it is tightened sufficiently to prevent rotation during use.

2. **Attaching the Quick Release Plate to your Camera:**

   The quick release plate has a 1/4 inch screw. Align this screw with the tripod socket on the bottom of your camera. Use a coin or the integrated D-ring (if present) to tighten the screw securely. Ensure the plate is flush against the camera body to prevent twisting.

3. **Mounting the Camera to the Ball Head:**

   Loosen the quick release plate clamping knob on the ball head. Slide the camera with the attached quick release plate into the clamp. Ensure the safety pin engages to prevent accidental release. Once positioned, tighten the clamping knob firmly to secure the camera.

Operating Instructions

1. **Adjusting Ball Movement (Tilt and Swivel):**

   The large main knob controls the ball's movement. Loosen this knob to allow the camera to tilt and swivel freely. Once the desired angle is achieved, tighten the knob firmly to lock the camera in position.

2. **Controlling Friction:**

   A smaller knob (often located near the main ball lock knob) allows you to adjust the friction of the ball. This enables you to set the resistance for smoother, controlled movements, or to prevent the camera from flopping when the main knob is loosened.

3. **Panoramic Panning:**

   The base of the ball head features a separate panning lock knob. Loosen this knob to rotate the entire head horizontally (360 degrees) for panoramic shots. The integrated 360° scale assists in precise alignment. Tighten the panning lock knob to secure the base.

4. **Using the Leveling Levels:**

   The AM-02G has two bubble levels. Use these to ensure your camera is perfectly level, especially for landscape or architectural photography. Adjust the tripod legs or the ball head's tilt until the bubbles are centered.

5. **Portrait Orientation:**

   To shoot in portrait orientation, loosen the main ball lock knob and tilt the camera into the vertical notch on the side of the ball head. Securely tighten the main knob once the camera is in position.



Image 3: Detail of the SIRUI AM-02G Ball Head's panning base with its 360-degree scale for precise panoramic adjustments.

Maintenance

- **Cleaning:** Use a soft, dry cloth to wipe down the ball 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 ball mechanism is designed for smooth operation and generally does not require lubrication. If movement becomes stiff, consult professional service.
- **Storage:** Store the ball head in its protective bag in a cool, dry place away from direct sunlight and dust when not in use.
- **Inspection:** Periodically check all knobs and screws for tightness. Do not overtighten.

Troubleshooting

Problem	Possible Cause	Solution
Camera slips after tightening	Quick release plate not fully secured; main ball lock knob not tight enough; friction too low.	Ensure quick release plate is properly seated and clamping knob is tight. Fully tighten the main ball lock knob. Adjust friction control knob to increase resistance.
Ball movement is stiff	Friction control knob is too tight; dirt/debris in ball mechanism.	Loosen the friction control knob. Clean the ball head thoroughly. If problem persists, seek professional service.
Panning base does not rotate smoothly	Panning lock knob is too tight; dirt/debris in panning mechanism.	Loosen the panning lock knob. Clean the panning base area.
Quick release plate cannot be inserted/removed	Clamping knob not sufficiently loosened; safety pin engaged incorrectly.	Ensure the clamping knob is fully loosened. Press the safety pin release button (if applicable) while inserting/removing the plate.

Specifications

Model Number	AM-02G
Brand	Sirui
Maximum Load Capacity	20 kg (44 lbs)
Height	98 mm (3.86 inches)
Item Weight	360 g (1 pounds / 16 ounces)
Product Dimensions	4.72 x 3.94 x 3.15 inches
Quick Release Plate Compatibility	Arca-Swiss compatible
Mounting Screw	3/8 inch (for tripod attachment)
Camera Screw	1/4 inch (on quick release plate)
Manufacturer	SIRUI

Warranty and Support

For warranty information and technical support, please refer to the official SIRUI website or contact your local SIRUI distributor. Keep your purchase receipt as proof of purchase for warranty claims.
You can visit the official Sirui store for more information:Sirui Store on Amazon

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