Sirui AM-223

SIRUI AM-223 Carbon Fiber Mini Tripod with B-00K Ball Head Instruction Manual

Model: AM-223

1. Introduction

Thank you for choosing the SIRUI AM-223 Carbon Fiber Mini Tripod with B-00K Ball Head. This compact and lightweight tripod system is designed for photographers and videographers requiring stable support in a portable form factor. Its carbon fiber construction ensures durability and reduced weight, while the B-00K ball head offers precise positioning and smooth operation. This manual provides essential information for proper setup, operation, and maintenance to ensure optimal performance and longevity of your equipment.

2. What's in the Box

Upon unpacking your SIRUI AM-223 tripod kit, please verify that all the following components are included:

- SIRUI AM-223 Carbon Fiber Tripod Legs
- SIRUI B-00K Ball Head
- Instruction Manual
- Storage Bag for Tripod Legs
- Padded Pouch for Ball Head
- Adjustment Wrench
- Set of Stainless Steel Spikes (interchangeable with rubber feet)



Image: All components included in the SIRUI AM-223 tripod kit, neatly laid out.

3. Product Overview

Familiarize yourself with the main parts of your SIRUI AM-223 tripod and B-00K ball head:

3.1 Tripod Legs (AM-223)

- **Carbon Fiber Construction:** Provides a lightweight yet stable foundation.
- **Twist Leg Locks:** Securely extend and retract leg sections.
- **Semi-automatic Leg Angle Adjustment Buttons:** Allow for quick and precise adjustment of leg spread.
- **Interchangeable Feet:** Rubber feet for indoor use or delicate surfaces, and stainless steel spikes for outdoor terrain.
- **3/8" Thread Mount:** Located at the top for attaching the ball head or other accessories.

3.2 Ball Head (B-00K)

- **Arca-Swiss Compatible Quick Release Plate Clamp:** For fast and secure camera attachment and removal.

- **Ball Lock Knob:** Controls the movement and locking of the ball for precise camera positioning.
- **Panning Lock Knob:** Allows for smooth 360° rotation of the head for panoramic shots.
- **Safety Lock:** Prevents accidental release of the quick release plate.



Image: Key components of the SIRUI AM-223 tripod system, including the quick release plate clamp, 360° ball head, leg angle adjustment buttons, rubber feet, and twist leg locks.



Image: Close-up of the B-00K ball head, showing the plate lock, safety lock, base lock, and ball lock knobs.

4. Setup

4.1 Attaching the Ball Head

1. Unpack the tripod legs and ball head from their respective bags.
2. Locate the 3/8" mounting screw on top of the tripod legs.
3. Align the base of the B-00K ball head with the mounting screw and rotate clockwise until securely tightened.

4.2 Extending and Adjusting Legs

1. To extend a leg section, twist the leg lock counter-clockwise to loosen, pull the section out to the desired length, and then twist clockwise to tighten. Repeat for all sections and legs.
2. To adjust the leg angle, press the semi-automatic leg angle adjustment button located at the top of each leg. This allows you to select from three distinct angles (22°, 55°, 85°) for varied shooting heights and stability.

4.3 Swapping Feet (Optional)

The tripod comes with rubber feet installed. For enhanced grip on soft or uneven terrain, you can replace them with the included stainless steel spikes:

1. Unscrew the rubber feet by turning them counter-clockwise.
2. Screw in the stainless steel spikes clockwise until secure.

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Video: A demonstration of the SIRUI AM-223 tripod's setup, including leg extension, angle adjustment, and swapping to stainless steel spikes for outdoor use.

5. Operating Instructions

5.1 Attaching Your Camera

1. Ensure the quick release plate is detached from the ball head.
2. Screw the quick release plate onto the 1/4"-20 tripod socket on the bottom of your camera. Use the adjustment wrench if needed to ensure it is tight.
3. With the quick release plate clamp on the ball head loosened, slide your camera (with the attached plate) into the clamp.
4. Tighten the quick release plate clamp knob until your camera is securely fastened. The red safety lock should engage.

5.2 Adjusting Camera Position

- **Ball Movement:** Loosen the large ball lock knob to adjust the camera's tilt and swivel. Tighten the knob to lock the camera in position.
- **Panning:** Loosen the smaller panning lock knob at the base of the ball head to rotate the camera horizontally (360°). Tighten to lock the panning movement.

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Video: Overview of the SIRUI AM-223 Mini Tripod's features and versatile usage scenarios, including camera attachment and adjustments.

6. Key Features

- **Ultra-Compact Design:** With a folded height of approximately 12.1 inches (30.7 cm) and weighing only 1.14 pounds (0.52 kg), this tripod is ideal for travel, hiking, and backpacking.
- **High-Quality Carbon Fiber Legs:** Constructed from 10-layer carbon fiber, the legs offer exceptional strength, stability, and corrosion resistance while keeping the overall weight minimal.
- **Versatile Height Adjustment:** The tripod offers a maximum height of 16 inches (40.6 cm) and can achieve a minimum height of 5.1 inches (13 cm) for low-angle and macro photography.
- **Three Leg Angle Positions:** Easily switch between 22°, 55°, and 85° leg angles to adapt to various terrains and shooting requirements, ensuring maximum stability.
- **B-00K Ball Head with 360° Panning:** The included ball head provides smooth and precise control over camera positioning, with independent panning and ball lock knobs.
- **High Load Capacity:** Despite its small size, the tripod can support equipment weighing up to 33.1 lbs (15 kg), making it suitable for a wide range of cameras and lenses.
- **Optional Center Column Compatibility:** For additional height, the tripod is compatible with optional SIRUI SL-100 or SL-200 center columns (sold separately), which can add up to 12.6 inches (32 cm) of height.



Image: The SIRUI AM-223 tripod demonstrating its lightweight and flexible design, with different height settings from 5.1 inches to 16 inches.



Image: Visual comparison highlighting the ultra-compact folded size of the SIRUI AM-223 tripod, similar to a 750ml water bottle.



Image: The tripod configured at 22°, 55°, and 85° leg angles, illustrating its adaptability for various shooting conditions.



Image: The B-00K ball head's smooth 360° panning capability, suitable for DSLR, mirrorless, camcorders, and phone clips.



Image: Illustration of the SIRUI AM-223 tripod's compatibility with an optional SL-200 center column for increased height.

7. Maintenance

- **Cleaning:** After use, especially in dusty or sandy environments, wipe down the tripod legs and ball head with a

soft, damp cloth. Avoid harsh chemicals.

- **Lubrication:** Periodically check leg locks and ball head mechanisms for smooth operation. Do not over-lubricate; consult SIRUI support if lubrication is needed.
- **Storage:** Store the tripod in its provided bags in a dry, cool place away from direct sunlight and extreme temperatures.
- **Tightening:** Regularly check all screws and connections for tightness. Use the provided adjustment wrench for any loose parts.

8. Troubleshooting

- **Tripod Instability:** Ensure all leg sections are fully extended and twist locks are securely tightened. Verify that leg angles are properly engaged.
- **Ball Head Slippage:** Confirm the ball lock knob is fully tightened. Ensure the quick release plate is securely attached to both the camera and the ball head clamp.
- **Stiff Leg Locks:** Clean any dirt or debris from the leg lock threads. If persistent, a small amount of silicone-based lubricant may be applied, but avoid oil-based lubricants.
- **Quick Release Plate Issues:** Ensure the plate is correctly seated in the clamp and the safety lock is engaged. If the plate feels loose, re-tighten the screw connecting it to your camera.

9. Specifications

Feature	Specification
Model Number	AM-223
Material	Carbon Fiber (Legs)
Maximum Height	16 inches (40.6 cm)
Folded Height	12.1 inches (30.7 cm)
Item Weight	1.14 pounds (0.52 kg)
Maximum Load Capacity	33.1 lbs (15 kg)
Leg Sections	3
Leg Angles	22°, 55°, 85°
Ball Head Model	B-00K
Quick Release Plate	Arca-Swiss Compatible
Product Dimensions	11.54 x 2.95 x 2.95 inches (folded)
Manufacturer	SIRUI
Date First Available	April 30, 2019

10. Warranty and Support

For warranty information, product registration, or technical support, please refer to the official SIRUI website or

contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.
Official SIRUI Website: www.sirui.com

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