

Kingjoy SC051

Kingjoy SC051 Tabletop Camera Tripod Kit Instruction Manual

Model: SC051

1. INTRODUCTION

Thank you for choosing the Kingjoy SC051 Tabletop Camera Tripod Kit. This compact and portable tripod is designed for outdoor travelers and supports most DSLR and mirrorless cameras. Its innovative design allows for 180-degree inversion, making it versatile for various shooting scenarios. With a folded length of just 160mm, it is highly portable and can easily fit into a backpack.

This manual provides essential information for the safe and effective use of your Kingjoy SC051 tripod. Please read it thoroughly before operation and retain it for future reference.

2. SAFETY INFORMATION

- Do not exceed the maximum load capacity of 2 kg (4.4 lbs). Overloading can cause damage to the tripod and your equipment.
- Ensure all locking mechanisms are securely tightened before mounting your camera and during use.
- Always place the tripod on a stable, level surface to prevent tipping.
- Keep hands and fingers clear of moving parts when adjusting the tripod to avoid pinching.
- Do not leave the tripod unattended with a camera mounted, especially in windy conditions or on uneven terrain.
- Avoid exposing the tripod to extreme temperatures, moisture, or corrosive substances.

3. PACKAGE CONTENTS

Please check that all items are present in your package:

- Kingjoy SC051 Tripod with integrated ball head
- Tripod carrying bag
- User manual (this document)

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your Kingjoy SC051 tripod kit.



Figure 4.1: The Kingjoy SC051 Tabletop Tripod in its fully assembled state, showing the compact design and integrated ball head.



Figure 4.2: The tripod base with the ball head detached, illustrating the separate components for assembly or replacement.



Figure 4.3: A detailed view of the detachable ball head, highlighting the 1/4" screw mount and the single locking knob for precise control.

- **Ball Head:** Features a 1/4" screw mount for cameras and a single locking knob for angle adjustment.
- **Leg Sections:** 5-section telescopic design with revolving locking mechanisms.
- **Leg Angle Adjustors:** Patented design for quick and effortless angle adjustments.
- **Rubber Feet:** Non-slip rubber feet for enhanced stability on various surfaces.

5. SETUP

Follow these steps to set up your Kingjoy SC051 tripod:

1. **Attach the Ball Head:** If the ball head is detached, screw it onto the 1/4" screw mount at the top of the tripod column until secure.

2. **Extend the Legs:** Rotate the revolving locking rings on each leg section counter-clockwise to loosen. Pull out the leg sections to the desired height. Rotate the locking rings clockwise to secure each section.
3. **Adjust Leg Angles:** Press the patented angle adjustor buttons located at the top of each leg to adjust the leg spread. Choose from multiple angle positions for stability on uneven terrain or for low-angle shots.
4. **Mount Your Camera:** Ensure the ball head's locking knob is tightened. Screw your camera onto the 1/4" screw mount on the ball head until it is firmly attached.



Figure 5.1: A close-up view of the leg angle adjustment mechanism, showing the button to release and set leg angles.

6. OPERATING INSTRUCTIONS

Once your camera is mounted, you can adjust its position and orientation:

1. **Adjusting Camera Angle:** Loosen the single locking knob on the ball head by turning it counter-clockwise. Position your camera to the desired angle. Tighten the locking knob clockwise to secure the camera's position.
2. **Pan Adjustment:** The ball head allows for 360-degree panning. Ensure the main locking knob is slightly loosened to allow smooth rotation.
3. **Inverting for Low-Angle Shots:** The tripod features a 180-degree inverting capability. To use this, remove the ball head, invert the center column, and reattach the ball head. This allows for extremely low-angle photography.
4. **Folding for Storage:** To fold the tripod, remove the camera, loosen all leg section locks, retract the legs fully, and then fold the legs upwards against the center column.



Figure 6.1: A close-up of the ball head with a camera mounting screw, demonstrating the secure attachment point and the locking knob for angle adjustments.

7. MAINTENANCE

Proper maintenance will ensure the longevity of your tripod:

- **Cleaning:** Wipe the tripod with a soft, dry cloth after each use. If necessary, use a slightly damp cloth with mild soap,

then dry thoroughly. Avoid harsh chemicals.

- **Lubrication:** Do not apply lubricants to the leg locking mechanisms or ball head unless specifically instructed by the manufacturer. This can attract dust and impair function.
- **Storage:** Store the tripod in its carrying bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check all screws, knobs, and leg locks for tightness. Tighten any loose components.

8. TROUBLESHOOTING

If you encounter issues with your tripod, refer to the following common problems and solutions:

- **Tripod is unstable:**
 - Ensure all leg sections are fully extended and their locking rings are securely tightened.
 - Verify that the leg angles are set evenly and the tripod is on a level surface.
 - Check that the camera is securely mounted to the ball head.
- **Ball head does not hold position:**
 - Ensure the ball head's locking knob is fully tightened.
 - Check if the camera weight exceeds the maximum load capacity of 2 kg.
- **Leg sections are difficult to extend/retract:**
 - Ensure the revolving locking rings are fully loosened before attempting to adjust leg length.
 - Clean any dirt or debris from the leg sections and locking mechanisms.

9. SPECIFICATIONS

Detailed technical specifications for the Kingjoy SC051 Tabletop Camera Tripod Kit:

Feature	Specification
Brand	Kingjoy
Model Name	SC Series
Model Number	SC051
Material	Aluminium
Colour	Black
Maximum Load	2 kg (4.4 lbs)
Maximum Height	474 mm
Minimum Height	230 mm
Folded Length	160 mm
Item Weight	520 g (1.15 lbs)
Leg Sections	5
Tripod Head Type	Ball Head

Feature	Specification
Compatible Devices	Camera (with standard 1/4" screw mount)

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official Kingjoy website. Keep your proof of purchase for any warranty claims.

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