

SMALLRIG 5373

SMALLRIG Camera Mount Clamp with Ballhead Magic Arm and GoPro Adapter Instruction Manual (Model 5373)

Comprehensive Guide for Setup, Operation, and Maintenance

1. INTRODUCTION

This manual provides instructions for the proper use and maintenance of your SMALLRIG Camera Mount Clamp with Ballhead Magic Arm and GoPro Adapter. This versatile accessory is designed to securely mount various photographic equipment, including cameras, monitors, and LED lights, to a wide range of surfaces.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Crab-Shaped Clamp
- 1 x Ballhead Magic Arm
- 1 x Action Camera Adapter

In the Box

Crab-Shaped Clamp × 1
Ballhead Magic Arm × 1
Action Camera Adapter × 1



Specifications

ID
3757B

Product Dimensions
141.0 × 89.8 × 18.0mm

Product Weight
184 ± 5g

Material(s)
Aluminum Alloy,
Stainless Steel, Silicone

Package Dimensions
137.0 × 104.0 × 52.0mm

Package Weight
430 ± 5g

Image: The package contents, including the main clamp, the adjustable arm, and the GoPro adapter.

3. PRODUCT FEATURES

The SMALLRIG Camera Mount Clamp offers several key features for enhanced functionality and durability:

- **Robust Construction:** Crafted from aircraft-grade aluminum alloy and stainless steel, with CNC machining for increased sturdiness and durability.
- **Anti-Slip Design:** Built-in anti-slip cushions protect attached accessories and enhance clamping stability.
- **High Load Capacity:** Supports a maximum load of 7.7 lb (3.5 kg), suitable for most photographic accessories.
- **Wide Jaw Adjustment:** The adjustable jaw accommodates rods with diameters from 0.55 inches (14mm) to 2.36 inches (60mm) and surfaces with a maximum thickness of 2.55 inches (65mm).
- **360° Adjustable Ball Heads:** Features helical-designed ball heads for 360-degree rotation and enhanced stability, with a hex hole for secure fastening using an Allen wrench.
- **Versatile Mounting Options:** Equipped with 1/4"-20 and 3/8"-16 threaded holes for connecting various devices.
- **GoPro Compatibility:** Includes a removable adapter specifically for action cameras, compatible with SMALLRIG Camera Cage 3084B for GoPro Hero 11/10/9 Black and SMALLRIG Camera Cage for DJI

Product Details Display



Image: Detailed view highlighting the clamp's features, including the hex hole, anti-slip hinge, and adjustable knob.

Brilliant Expandability



Image: Illustration of the clamp's expandability, detailing the various threaded holes and the action camera mount.

4. SETUP AND INSTALLATION

Follow these steps to set up and install your SMALLRIG Camera Mount Clamp:

1. **Attach the Ballhead Magic Arm:** Securely screw the ballhead magic arm into the main crab-shaped clamp. Ensure it is tightened firmly.
2. **Attach the Action Camera Adapter (Optional):** If using an action camera, attach the provided action camera adapter to the 1/4"-20 screw on the ballhead magic arm.
3. **Open the Clamp Jaw:** Rotate the large knob on the crab-shaped clamp counter-clockwise to open the jaw to the desired width.
4. **Position the Clamp:** Place the clamp onto the desired surface or rod. The jaw can grip objects with a diameter between 0.55 inches (14mm) and 2.36 inches (60mm), and flat surfaces up to 2.55 inches (65mm) thick. Common mounting points include round pipes, tables, handlebars, tripods, and stabilizer handheld rings.
5. **Secure the Clamp:** Rotate the large knob clockwise to tighten the clamp firmly onto the surface. The built-in anti-slip pads will help ensure a secure grip.
6. **Adjust Ball Heads:** Use the thumb lever on the ballhead magic arm to adjust the angle and position of your attached device. The 360-degree rotation allows for flexible positioning. Tighten the lever to lock

the ball heads in place.

7. **Mount Your Device:** Attach your camera, monitor, LED light, or other compatible accessory to the 1/4"-20 or 3/8"-16 threaded holes on the ballhead magic arm or directly to the action camera adapter if using a GoPro.



Image: The clamp in use, demonstrating attachment to a pole and a flat surface with a GoPro camera.

Adjustable Jaw with Stability

The jaw supports rod of a mini diameter of 14mm / 0.55in
and surface with a maxi thickness of 65mm / 2.55in



Image: Diagram showing the adjustable jaw's range, from 14mm to 65mm.

360° Adjustable Ball Heads



Image: Illustration of the 360-degree adjustable ball heads and the action camera mount.

5. OPERATING INSTRUCTIONS

The SMALLRIG Camera Mount Clamp is designed for secure and flexible positioning of your equipment in various scenarios:

- **Camera Mounting:** Attach DSLR cameras, mirrorless cameras, or action cameras (with the adapter) to capture stable footage or photos.
- **Monitor Mounting:** Securely hold camera monitors for improved viewing during shoots.
- **Lighting Solutions:** Mount LED lights to illuminate your subject from various angles.
- **Microphone Placement:** Position microphones for optimal audio capture.

Multi-Scene Solutions



Mounted to Tablet



Mounted to Countertop



Stabilizer Handheld Ring



Tripod

Image: Examples of multi-scene solutions, including mounting to a tablet, countertop, stabilizer ring, and tripod.

3.5kg / 7.7lbs Load Capacity



Image: Illustration of the 3.5kg / 7.7lbs load capacity and compatible devices such as cameras, monitors, and LED lights.

6. SPECIFICATIONS

Attribute	Detail
Model Number	5373
Product Dimensions	5.55 x 3.54 x 0.71 inches (141.0 x 89.8 x 18.0mm)
Item Weight	7.2 ounces (184 ± 5g)
Package Dimensions	137.0 x 104.0 x 52.0mm
Package Weight	430 ± 5g
Material	Aluminum Alloy, Stainless Steel, Silicone
Max Load Capacity	7.7 lb (3.5 kg)
Jaw Opening Range	Rods: 0.55 - 2.36 inches (14 - 60mm) diameter Flat Surfaces: Up to 2.55 inches (65mm) thickness

Mounting Points	1/4"-20 threaded holes, 3/8"-16 threaded hole, Action Camera Mount
Compatible Devices	Cameras, Monitors, LED Lights, Microphones, GoPro (with adapter)
Manufacturer	SMALLRIG

7. MAINTENANCE

To ensure the longevity and optimal performance of your SMALLRIG Camera Mount Clamp, follow these maintenance guidelines:

- **Cleaning:** Wipe the clamp with a soft, dry cloth to remove dust and debris. For stubborn dirt, use a slightly damp cloth and dry thoroughly. Avoid harsh chemicals or abrasive cleaners.
- **Inspection:** Regularly inspect all moving parts, screws, and anti-slip pads for any signs of wear or damage.
- **Lubrication:** The threaded mechanisms are designed for smooth operation. If any part feels stiff, a small amount of silicone-based lubricant can be applied to the threads, avoiding contact with the anti-slip pads.
- **Storage:** Store the clamp in a clean, dry environment away from extreme temperatures and direct sunlight when not in use.

8. TROUBLESHOOTING

If you encounter any issues with your SMALLRIG Camera Mount Clamp, refer to the following common troubleshooting tips:

- **Clamp Not Holding Securely:**
 - Ensure the knob is fully tightened.
 - Verify that the surface or rod is within the specified jaw opening range (14mm-60mm for rods, up to 65mm for flat surfaces).
 - Check the anti-slip pads for wear or damage.
- **Ball Head Movement is Stiff or Loose:**
 - Ensure the thumb lever for the ball heads is properly tightened or loosened for adjustment.
 - If stiff, apply a small amount of silicone lubricant to the ball joint. If loose, ensure the locking mechanism is fully engaged.
- **Device Not Attaching Properly:**
 - Confirm that your device uses a 1/4"-20 or 3/8"-16 screw mount, or is compatible with the action camera adapter.
 - Ensure the screws are fully engaged and tightened.

9. SAFETY INFORMATION AND CAUTION

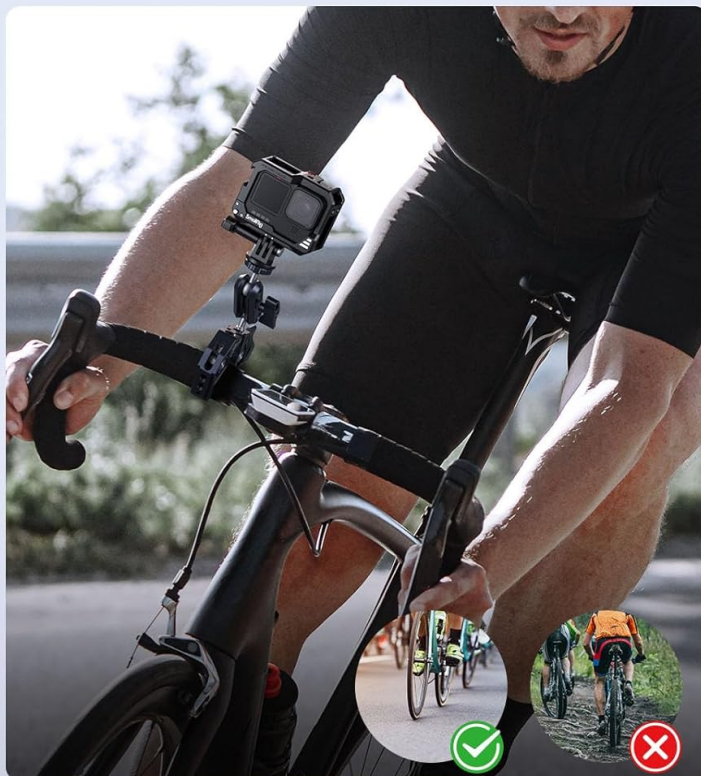
Please observe the following safety guidelines to prevent damage to your equipment and ensure safe operation:

- **Do Not Exceed Load Capacity:** Never exceed the maximum load capacity of 7.7 lb (3.5 kg). Overloading can lead to equipment failure and potential damage.
- **Secure Tightening:** Always ensure all knobs and levers are securely tightened before use.

- **Avoid Alternative Combinations:** Refrain from attempting alternative combinations or modifications beyond the recommended usage. Excessive leverage from unapproved setups can cause clamp arm breakage, leading to your device falling and getting damaged.
- **Use Lanyard (Recommended for Action Cameras):** For device safety, especially when mounting action cameras in dynamic environments (e.g., on bicycles), use a lanyard (not included) as an additional safety measure.
- **Speed Limit for Dynamic Use:** When using the clamp in motion (e.g., on a bicycle), stay under 50 km/h (approximately 31 mph) to minimize risks associated with vibrations and impacts.

Caution

Please refrain from attempting alternative combinations beyond the recommended usage.



Note

For device safety, avoid bumpy roads.
Use a lanyard(not included) and stay under 50 km/h.



Risk of device damage

Why: Excessive leverage can cause clamp arm breakage, leading to your device falling and getting damaged.







Image: Safety caution regarding usage on bumpy roads and with extended poles, emphasizing the risk of device damage.

10. WARRANTY AND SUPPORT

SMALLRIG products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the official SMALLRIG website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Official Website: www.smallrig.com

Related Documents - 5373

<div>SmallRig</div> <div></div> <div>Crab-Shaped Super Clamp Kit (with Ballhead Magic Arm)</div>	<p>SmallRig Crab-Shaped Super Clamp Kit with Ballhead Magic Arm 4373 - Operating Instructions</p> <p>Detailed operating instructions for the SmallRig Crab-Shaped Super Clamp Kit (Model 4373) with Ballhead Magic Arm. Learn about its features, safety guidelines, specifications, and components for camera mounting.</p>
<div>SmallRig</div> <div></div> <div>Crab-Shaped Super Clamp Kit (with Magic Arm)</div>	<p>SmallRig Crab-Shaped Super Clamp Kit (with Magic Arm) 4454 Operating Instructions</p> <p>Official operating instructions for the SmallRig Crab-Shaped Super Clamp Kit (with Magic Arm) 4454. Learn about its features, safety guidelines, specifications, and how to use it for camera mounting.</p>
<div>SmallRig</div> <div></div> <div>Crab-Shaped Clamp (for Phones (9.8"))</div>	<p>SmallRig Crab-Shaped Clamp for Phones (9.8 inch) Operating Instructions</p> <p>Operating instructions for the SmallRig Crab-Shaped Clamp for Phones (9.8 inch), detailing its features, specifications, safety guidelines, and package contents. This clamp integrates a magic arm, super clamp, and smartphone clamp for versatile mounting of cameras and phones.</p>
<div>SmallRig</div> <div></div> <div>Super Clamp with 360° Ball Head Mount (for Action Cameras)</div>	<p>SmallRig Super Clamp with 360° Ball Head Mount for Action Cameras 4102B Operating Instruction</p> <p>Operating instructions for the SmallRig Super Clamp with 360° Ball Head Mount (Model 4102B), designed for action cameras. Details product features, safety guidelines, package contents, and specifications.</p>
<div>SmallRig</div> <div></div> <div>Side Handle Extension Adapter Part with NATO Clamp (for SmallRig 5605 Magic Arm)</div>	<p>SmallRig Side Handle Extension Adapter Part with NATO Clamp - Operating Instructions</p> <p>Official operating instructions and specifications for the SmallRig Side Handle Extension Adapter Part with NATO Clamp (Model 4458), detailing its features, compatibility, and installation.</p>
<div>SmallRig</div> <div></div> <div>5605 Magic Arm with Crab-Shaped Clamp (for Action Cameras)</div>	<p>SmallRig 5605 Magic Arm with Crab-Shaped Clamp for Action Cameras - Operating Instruction</p> <p>Operating instructions and specifications for the SmallRig 5605 Magic Arm with Crab-Shaped Clamp, a versatile accessory for action cameras. Learn about its features, safety guidelines, and product details.</p>