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SMALLRIG 5855

SMALLRIG 4.5" Suction Cup Camera Mount with Ball Head Magic Arm (Model 5855) Instruction Manual

This manual provides detailed instructions for the proper setup, operation, and maintenance of your SMALLRIG 4.5" Suction Cup Camera Mount with Ball Head Magic Arm, Model 5855.

1. Introduction

The SMALLRIG 4.5" Suction Cup Camera Mount is designed for secure attachment of action cameras to smooth, non-porous surfaces such as car windshields, windows, and other vehicle body panels. It features a robust suction mechanism and a flexible ball head magic arm for versatile camera positioning, making it ideal for motion photography and various filming scenarios.

This mount is compatible with a wide range of action cameras, including GoPro 13/12/11/10/9/8/7 Black, Insta360 X5/X4/X3/X2, DJI Osmo Action 5 Pro/4/3, and Osmo Pocket 3/Pocket 2.

2. Package Contents

Please verify that all the following components are included in your package:

- 4.5" Suction Cup Support × 1
- Ball-Head Magic Arm × 1
- Action Camera Mount × 1
- Flat Wrench × 1

Package

4.5" Suction Cup Support × 1
Ball-Head Magic Arm × 1
Action Camera Mount × 1
Flat Wrench × 1

ID: 5855

Specifications

Product Dimensions	Net Weight
137.5 × 117.6 × 55.0mm	438.0 ± 5.0g
5.4 × 4.6 × 2.2in	15.4 ± 0.2oz
Package Dimensions	**Package Weight**
162.0 × 122.5 × 69.0mm	518.0 ± 5.0g
6.4 × 4.8 × 2.7in	18.3 ± 0.2oz

Material(s): Aluminum Alloy, Nitrile Rubber, ABS, Stainless Steel

Image: Contents of the SMALLRIG 4.5" Suction Cup Camera Mount package.

3. Product Overview

Familiarize yourself with the main components of the suction cup mount:

Image: Detailed view of the SMALLRIG 4.5" Suction Cup Mount components.

- **Suction Cup Base:** Provides strong vacuum suction to smooth surfaces.
- **Air Pump Button:** Used to create vacuum pressure for secure attachment.
- **Release Tabs:** Used to release vacuum pressure for easy removal.
- **Ball Head Magic Arm:** Allows for flexible positioning and angle adjustment of the camera.
- **Action Camera Mount:** Adapter for attaching action cameras.
- **1/4" Screw:** Standard screw for attaching various camera accessories.

4. Setup and Installation

4.1 Surface Preparation

For optimal adhesion and safety, ensure the mounting surface is **clean, dry, and flat**. Avoid rough, wet, uneven, or fragile surfaces. Dust, dirt, or moisture can significantly reduce suction strength. If attaching to surfaces with protective films, exercise caution and verify compatibility.

4.2 Attaching the Suction Cup

1. Place the suction cup firmly against the prepared surface.
2. Press the air pump button repeatedly until the white marking line on the pump is no longer visible.

This indicates that sufficient vacuum pressure has been achieved for secure attachment.

Image: Pressing the air pump button for secure installation.

4.3 Attaching the Camera

Attach your action camera to the action camera mount using the provided adapter. Then, connect the action camera mount to the ball head magic arm. Securely tighten all connections to prevent movement during use.

5. Operation

5.1 Adjusting the Angle

The ball head magic arm allows for flexible multi-angle adjustment. Loosen the knob on the magic arm to adjust the camera to your desired angle, then tighten the knob firmly to lock it in place.

Image: Flexible multi-angle adjustment of the camera mount.

5.2 Removing the Suction Cup

To remove the suction cup, simultaneously pull up on the two rubber tabs located on the edge of the suction cup base. This will release the vacuum pressure, allowing for easy detachment from the surface.

6. Maintenance

- Always keep the suction cup base and filter foam clean and intact. Any debris can compromise the suction seal.
- When not in use, attach the included dust cover to the suction cup to prevent contamination and extend the product's lifespan.
- Store the mount in a cool, dry place away from direct sunlight and extreme temperatures.

7. Troubleshooting

- **Loss of Suction:** If the white marking line on the air pump reappears, it indicates a loss of vacuum pressure. Immediately pump the valve again until the line disappears to restore secure suction.
- **Mount Not Sticking:** Ensure the mounting surface is perfectly clean, dry, and smooth. Avoid textured or porous surfaces. Check the suction cup base for any damage or debris.

- **Adhesion Status:** For safety, check the adhesion status every 2 hours during operation, especially in dynamic environments like moving vehicles.
- **Product Damage:** Discontinue use if the suction cup base or filter foam is damaged, as this can lead to unexpected detachment and potential damage to your camera.

Image: Important safety and usage notes for the suction cup mount.

8. Specifications

Feature	Detail
Brand	SMALLRIG
Model Number	5855
Material	Aluminum Alloy, Nitrile Rubber, ABS, Stainless Steel
Weight Capacity (Dynamic)	1.5 kg (3.3 lb)
Vertical Suction (Static)	30 kg

Feature	Detail
Horizontal Suction (Static)	60 kg
Product Dimensions	137.5 × 117.6 × 55.0 mm (5.4 × 4.6 × 2.2 in)
Net Weight	438.0 ± 5.0 g (15.4 ± 0.2 oz)
Mounting Type	One-Touch Press
Compatible Devices	Action Cameras (GoPro, Insta360, DJI Osmo Action)

Image: Product dimensions and specifications.

9. Warranty and Support

This product comes with a**2-year manufacturer warranty**. For warranty claims or technical support, please contact SMALLRIG customer service through their official website or your retailer.

For additional resources and product information, visit the official SMALLRIG website:www.smallrig.com