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› K&F CONCEPT 6" Suction Cup Camera Mount with Magic Arm Instruction Manual (Model KF31.136)

**K&F CONCEPT KF31.136**

# K&F CONCEPT 6" Suction Cup Camera Mount with Magic Arm Instruction Manual

Model: KF31.136

## 1. INTRODUCTION

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Thank you for choosing the K&F CONCEPT 6" Suction Cup Camera Mount with Magic Arm. This product is designed to provide stable and flexible camera mounting solutions for various shooting scenarios, particularly on smooth, flat, non-porous surfaces like car glass, hoods, and body panels. Please read this manual carefully before use to ensure proper installation and operation.

## 2. WHAT'S IN THE BOX

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# Package content

With dust cover



Figure 1: Package Contents

- Vacuum Pump Suction Cup x 1
- Magic Arm x 1
- Phone Holder x 1
- Action Camera Adapter x 1
- Dust Cover x 1
- Rubber Ring x 2
- 3/8"-1/4" Adapter Screw x 1
- Instruction Manual x 1
- Hexagonal Wrench x 2

## 3. PRODUCT OVERVIEW



Figure 2: K&F CONCEPT 6" Suction Cup Camera Mount

# Better match your shooting needs



Figure 3: Exploded View and Components

The mount features a 6-inch (152mm) rubber suction cup for superior adhesion. The magic arm includes a double ball head design for 360° universal adjustment and multiple 1/4" and 3/8" screw interfaces, along with ARRI telescopic positioning pins for secure attachment of various devices.

# Aluminum Alloy

8x 1/4" screw holes, 3x 3/8" screw holes



Figure 4: Suction Cup Base Details

The suction cup has a horizontal suction force of up to 60kg and a vertical suction force of 40kg. The recommended load-bearing capacity for equipment in motion is 3kg.

# The Hercules of Suction Cup

Horizontal suction up to 60kg



Figure 5: Load Capacities

## 4. SETUP AND INSTALLATION

1. **Prepare the Surface:** Ensure the mounting surface is smooth, flat, and non-porous. Clean the surface thoroughly to remove any dust, dirt, or moisture. A clean surface is crucial for optimal suction.
2. **Attach the Suction Cup:** Place the suction cup firmly against the prepared surface. Press the pump repeatedly until the safety warning line on the pump disappears. This indicates a strong vacuum seal.

# How to use

Monitor the suction cup suction status before use



Figure 6: Suction Cup Operation

- 3. Monitor Suction Status:** The vacuum suction cup has a warning line. If this line becomes exposed during use, press the pump again to enhance the suction. It is recommended to check the suction status every 4 hours, especially during extended use or in changing environmental conditions.
- 4. Attach the Magic Arm:** Screw the magic arm onto one of the 1/4" or 3/8" screw interfaces on the suction cup base. Tighten the quick lock knob on the magic arm to secure its position.
- 5. Mount Your Device:** Attach your camera (DSLR, action camera), phone (using the phone holder), or other accessories to the magic arm's 1/4" screw + ARRI telescopic positioning pin. Adjust the angle using the double ball head design and secure it with the adjustment latch.

**Note: When using the mount on a moving vehicle, please use it at a safe speed to prevent accidental falls. Always secure valuable equipment with a safety lanyard (not included) and strictly follow the operating instructions.**

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Video 1: Demonstrates the K&F CONCEPT 6" Camera Suction Cup Mount in use on a car for action cameras and phones, showing installation and various angles.

## 5. OPERATING INSTRUCTIONS

- **Adjusting Angle:** The magic arm features a double ball head design, allowing for 360° rotational adjustment. Loosen the central adjustment latch to reposition your camera, then tighten it firmly to lock the desired angle.
- **Quick Release:** To remove the suction cup, gently pinch the two sides of the quick release grip. This will break the vacuum seal, allowing for easy removal. Always remove any attached equipment before releasing the suction cup to prevent damage.

## Suitable for adsorption on objects with smooth surfaces



Figure 7: Diverse Application Examples

## 6. MAINTENANCE

- **Cleaning:** Regularly clean the rubber suction cup and mounting surfaces to ensure optimal adhesion. Use a soft, damp cloth and mild soap if necessary. Avoid abrasive cleaners.
- **Storage:** When not in use, always place the provided dust cover over the suction cup. This protects the rubber from dust and debris, maintaining its suction power for future use.
- **Inspection:** Periodically inspect the suction cup for any signs of wear, cracks, or damage. Ensure all screws and moving parts of the magic arm are secure.

## 7. TROUBLESHOOTING

- **Suction Not Holding:**

- Ensure the mounting surface is perfectly clean, smooth, and non-porous.
- Check if the warning line on the pump is exposed. If so, pump until it disappears.
- Verify the rubber suction cup is clean and free from damage or debris.

- **Device Not Stable on Magic Arm:**

- Ensure the quick lock knob on the magic arm is fully tightened.
- Check that your camera or accessory is securely screwed onto the 1/4" or 3/8" interface.
- Confirm that the ARRI positioning pins (if used) are correctly engaged.

## 8. SPECIFICATIONS

Feature	Detail
Brand	K&F CONCEPT
Model Name	6" Camera Suction Cup Mount
Model Number	KF31.136
Mounting Type	Suction Cup Mount
Compatible Devices	Action Camera, Cameras, Cell Phone
Weight Capacity (Motion)	3 kg (Recommended)
Horizontal Suction Force	Up to 60 kg
Vertical Suction Force	Up to 40 kg
Item Dimensions	4.53 x 2.01 x 5.35 inches
Item Weight	320 Grams
Enclosure Material	Aluminum
Special Features	Adjustable, Quick Release Button, 360° Universal Adjustment, ARRI Positioning Pin

## 9. WARRANTY AND SUPPORT

This K&F CONCEPT product comes with a 1-Year Warranty. For warranty claims or technical support, please contact K&F CONCEPT customer service through their official website or the retailer where the product was purchased. Please retain your proof of purchase for warranty validation.

