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> K&F CONCEPT 4.5-inch Suction Cup Camera Mount Instruction Manual

K&F CONCEPT KF31.100

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Model: KF31.100

PRODUCT OVERVIEW

The K&F CONCEPT 4.5-inch Suction Cup Camera Mount is a versatile accessory designed to securely attach cameras, action cameras, and smartphones to smooth, non-porous surfaces. It features a powerful vacuum suction cup and a flexible magic arm for optimal positioning, enhancing shooting flexibility for various applications.

Quick release suction cups

Release the suction cups by pushing the release grip



Note

When removing the Camera suctioncup, please remove the equipment on the suction cup first to avoid damage.

Please see the next page: Disassembly Instructions

Image description: The K&F CONCEPT suction cup camera mount shown in different usage environments, such as a kitchen, car window, and car dashboard, demonstrating its versatility.

WHAT'S IN THE BOX

- 4.5-inch Camera Suction Cup Mount × 1
- Magic Arm × 1
- Phone Holder × 1
- Action Camera Adapter × 1
- Dust Cover × 1

- Instruction Manual × 1
- Hexagonal Wrench × 2
- Rubber Ring × 2
- 3/8"-1/4" Adapter Screw × 1 (pre-mounted on suction cup)

Package content

With dust cover



Image description: A flat lay of all components included in the K&F CONCEPT suction cup camera mount package, neatly arranged with the instruction manual.

KEY FEATURES

- **Superior Suction Power:** Equipped with a 4.5-inch (115mm) rubber vacuum suction cup, providing horizontal suction force up to 60kg and vertical suction force up to 40kg. Recommended load-bearing for equipment in motion is 3kg.
- **Multiple Interfaces & Compatibility:** Features multiple 1/4" and 3/8" screw interfaces, supporting external accessories like magic arms. The top of the mount includes a 1/4" screw with ARRI telescopic positioning pins for secure attachment of various devices, including sports cameras (GoPro, DJI, Insta360), DSLRs, cell phones, and fill lights.
- **360° Universal Adjustment:** The external magic arm utilizes a double ball head design, allowing for 360° rotational adjustment. A single adjustment latch facilitates easy changes to the shooting angle. ARRI positioning pins prevent device deflection for stable shooting.

- **Easy Installation & Quick Release:** The pump-activated suction cup attaches firmly by pressing the pump until the warning line disappears. To remove, gently pinch the two side tabs. The warning line provides a visual indicator of suction status, prompting re-pumping if exposed.
- **Durable Construction:** Made from high-quality aluminum for longevity and reliability. Includes a dust cover to protect the suction cup when not in use, maintaining its cleanliness and suction power.

The Hercules of Suction Cup

Horizontal suction up to 60kg/132lbs



Image description: The K&F CONCEPT suction cup camera mount securely attached to the hood of a car, holding a camera in position, illustrating its strong horizontal suction capability.

SAFETY GUIDELINES

- Ensure the mounting surface is **clean, smooth, flat, and non-porous** before attachment.
- Press the pump repeatedly until the **red warning line is no longer visible**. This indicates a secure vacuum seal.
- Monitor the warning line during use; if exposed, **repress the pump** to enhance suction.
- It is recommended to **check suction status every 4 hours** to ensure solid adsorption.
- When used in motion (e.g., on a car), maintain a **safe speed below 80 km/h (50 mph)** to prevent accidental falls.
- Always **remove attached equipment** from the magic arm and suction cup before detaching the suction cup itself to avoid damage.

SETUP AND INSTALLATION

Attaching the Suction Cup

1. Select a clean, smooth, and non-porous surface for mounting.
2. Place the suction cup firmly on the chosen surface.
3. Press the pump button repeatedly until the red warning line is no longer visible. This indicates a secure vacuum seal.

Monitor suction cup suction status at all times

Press the Pump repeatedly until the safety warning line disappears



Image description: A hand pressing the pump button on the K&F CONCEPT suction cup, with an inset showing the warning line disappearing when properly sealed, indicating readiness for use.

Assembling the Magic Arm and Accessories

4. Attach the magic arm to the suction cup's 1/4" or 3/8" screw interface. Ensure it is tightened securely.
5. Secure your camera, action camera, or phone holder to the magic arm's corresponding screw interface or adapter.

Better match your shooting needs



Image description: An exploded view diagram of the K&F CONCEPT suction cup mount, highlighting the action camera adapter, 1/4" screw, 360° universal ball head, quick lock knob, and warning cord.

Aluminum Alloy Base

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

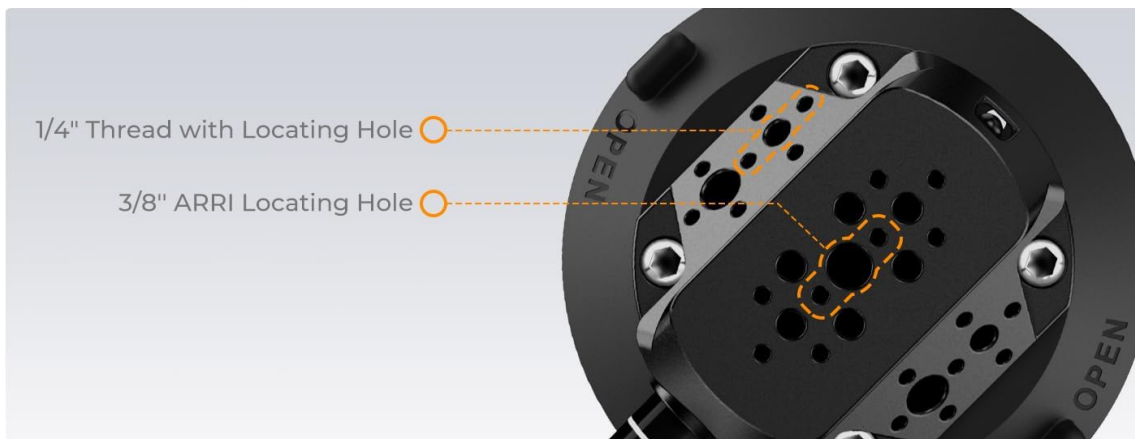
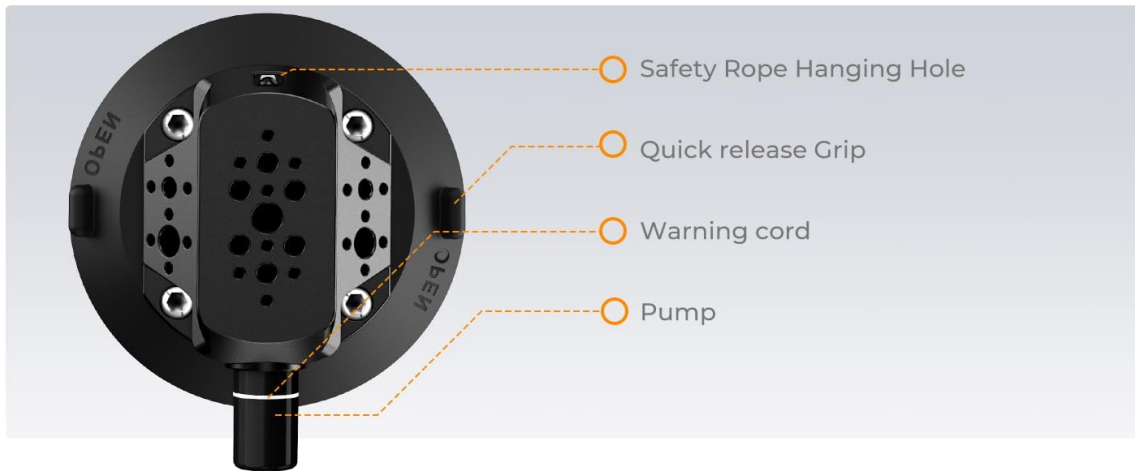


Image description: A detailed view of the aluminum alloy base of the K&F CONCEPT suction cup, showing various screw holes (8 x 1/4", 3 x 3/8"), a safety rope hanging hole, quick release grip, and the pump.

OPERATING INSTRUCTIONS

Adjusting the Angle

The magic arm features a double ball head design, allowing for 360° rotational adjustment. Use the quick lock knob to loosen, adjust, and then tighten the arm to secure your desired shooting angle. The ARRI positioning pin design helps prevent unwanted rotation and ensures stable shooting.

360° universal ball head



Image description: A close-up of the 360° universal ball head on the K&F CONCEPT magic arm, illustrating its components and how a cell phone clip or action camera adapter can be attached for flexible positioning.

Removing the Suction Cup

1. First, remove any attached equipment from the magic arm.
2. Gently pinch the two side tabs of the suction cup where it says "OPEN" to release the vacuum seal. The warning line will reappear.
3. Carefully lift the suction cup from the surface.

Suitable for adsorption on objects with smooth surfaces.



Image description: A hand demonstrating how to release the K&F CONCEPT suction cup by pressing the "OPEN" tabs, causing the warning line to pop out and break the seal.

MAINTENANCE

To ensure the longevity and optimal performance of your suction cup, always use the provided dust cover when not in use. This keeps the suction surface clean and free from debris, which can compromise suction power. Regularly inspect the rubber suction cup for any damage or wear. Clean the suction cup and mounting surface with a damp cloth and mild soap if necessary, ensuring both are completely dry before re-application.

TROUBLESHOOTING

Suction Loss

If the red warning line on the suction cup becomes visible during use, it indicates a loss of vacuum. Immediately repress the pump button until the warning line disappears again to re-establish a secure seal. Ensure the mounting surface is clean and free of dust, moisture, or irregularities that could prevent a proper seal.

Equipment Instability

If your equipment feels unstable or shifts, ensure all screw interfaces on the magic arm and the suction cup are tightened securely. The ARRI positioning pins help prevent rotation, so confirm they are properly engaged if applicable. Verify that the weight of your equipment does not exceed the recommended load capacity.

SPECIFICATIONS

Feature	Detail
Brand	K&F CONCEPT
Model Name	Camera Suction Cup Mount
Model Number	KF31.100
Mounting Type	Suction Cup Mount
Suction Cup Size	4.5 inches (115mm)

Max Weight Capacity (Static)	Horizontal: 60kg (132 lbs), Vertical: 40kg (88 lbs)
Recommended Load (In Motion)	3kg (6.6 lbs)
Compatible Devices	Cameras, Action Cameras (GoPro, DJI, Insta360), Cell Phones, DSLRs
Material	Aluminum
Special Features	Adjustable, Quick Release Button, ARRI Style 1/4" 3/8" Threads
Item Dimensions	5.3 x 4.5 x 2.6 inches
Item Weight	460 Grams
Water Resistance Level	Not Water Resistant
Warranty	1 Year

WARRANTY AND SUPPORT

This K&F CONCEPT product comes with a 1-year warranty. For technical support, warranty claims, or further assistance, 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.

PRODUCT IN ACTION (VIDEOS)

Strong Suction Mount That Holds Steady

Your browser does not support the video tag.

Video description: A demonstration of the K&F CONCEPT suction cup camera mount securely holding a camera on a car's hood while driving, showcasing its stability and reliability in motion.

K&F Concept | Suction Cup Mount Overview

Your browser does not support the video tag.

Video description: An overview of the K&F CONCEPT suction cup mount, demonstrating its components, assembly, and how it can be used with various cameras and accessories.

Unbox and Demo of the K&F Concept Suction Cup Camera Mount

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Video description: An unboxing and detailed demonstration of the K&F CONCEPT suction cup camera mount, showing its features, assembly process, and practical application.