K&F CONCEPT KF31.082

K&F CONCEPT Dual Ball Heads Magic Arm

Model: KF31.082

Instruction Manual

1. Introduction

The K&F CONCEPT Dual Ball Heads Magic Arm is a versatile accessory designed for mounting various photographic and video equipment such as cameras, monitors, microphones, and lights. Its robust aluminum alloy construction and flexible design provide secure and adjustable positioning for enhanced creative control during shooting.



Figure 1: K&F CONCEPT Dual Ball Heads Magic Arm

2. Product Features

- **Dual 1/4"-20 Thread with ARRI Positioning Holes:** Ensures secure attachment and prevents rotation of connected devices.
- **360° Swivelling Ball Heads:** Allows for free rotation and multi-angle adjustment, providing flexibility for various shooting perspectives.
- **Integrated O-ring:** Provides optimal damping for smooth and stable adjustments, whether fine-tuning or quick repositioning.
- **T-shaped Latch:** Facilitates effortless locking and unlocking of the magic arm.
- **Durable Aluminum Alloy Construction:** Offers high strength and reliability for supporting equipment up to 5KG.



Figure 2: Overview of the 360° Rotation Magic Arm with Double Ball Heads.



Figure 3: The ball heads allow for 360° rotation for flexible positioning.



Figure 4: The universal dual 1/4" screws support various devices and shooting scenarios.

3. Setup and Installation

1. **Identify Mounting Points:** The magic arm features 1/4"-20 screws on both ends. These are compatible with most cameras, monitors, and accessories.
2. **Attach Your Device:** Carefully screw your camera, monitor, or accessory onto one of the 1/4"-20 screws on the magic arm. Ensure it is finger-tight to prevent accidental detachment.
3. **Secure to Support:** Attach the other end of the magic arm to your desired support, such as a

camera cage, tripod, or clamp, using its 1/4"-20 screw or ARRI positioning holes for added stability.

4. **Adjust Position:** Loosen the T-shaped latch to adjust the angle and orientation of the ball heads. Position your device as needed.
5. **Lock in Place:** Once the desired position is achieved, tighten the T-shaped latch firmly to secure the ball heads. The O-ring provides consistent damping for precise adjustments.

4. Operating Instructions

The K&F CONCEPT Dual Ball Heads Magic Arm allows for quick and flexible adjustments to your equipment setup. Follow these guidelines for optimal use:

- **Angle Adjustment:** To change the angle of your attached device, slightly loosen the T-shaped latch. Adjust the ball heads to the desired angle, then re-tighten the latch.
- **Device Orientation:** The 360° rotation capability of the ball heads enables you to quickly switch between horizontal and vertical orientations for monitors or cameras.
- **Prevent Loosening:** Always ensure the T-shaped latch is fully tightened after making adjustments to prevent any unwanted movement or loosening of your equipment during use.

5. Specifications

Model Name	KF31.082
Material	Aluminum Alloy
Item Weight	110 Grams (3.88 ounces)
Package Dimensions	4.72 x 2.28 x 0.67 inches
Mounting Screws	Dual 1/4"-20
Special Feature	Rotatable (360° Ball Heads)
Compatible Devices	Camera, Cellphone, Monitors

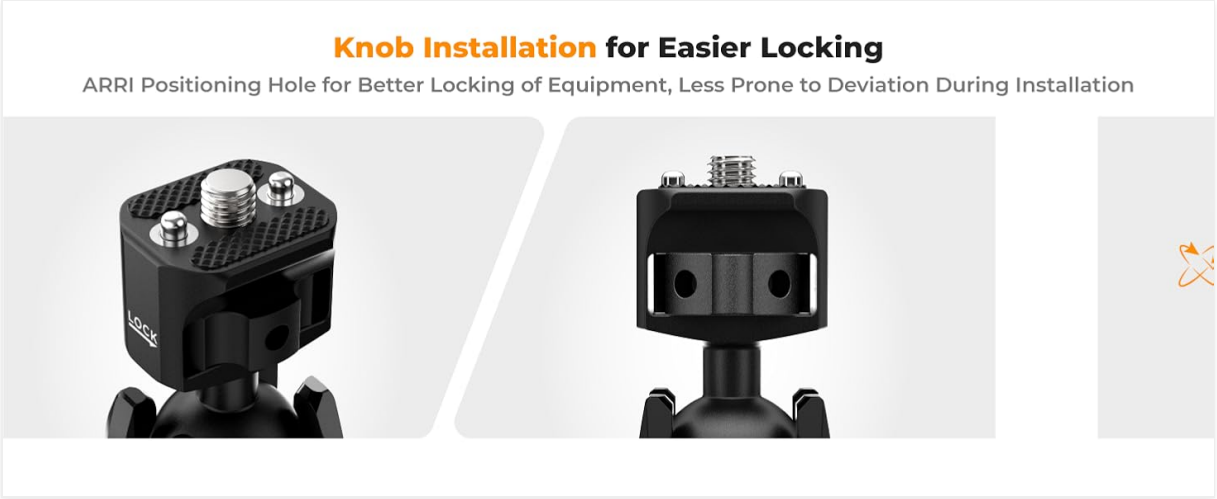


Figure 5: The magic arm supports equipment up to 5KG.

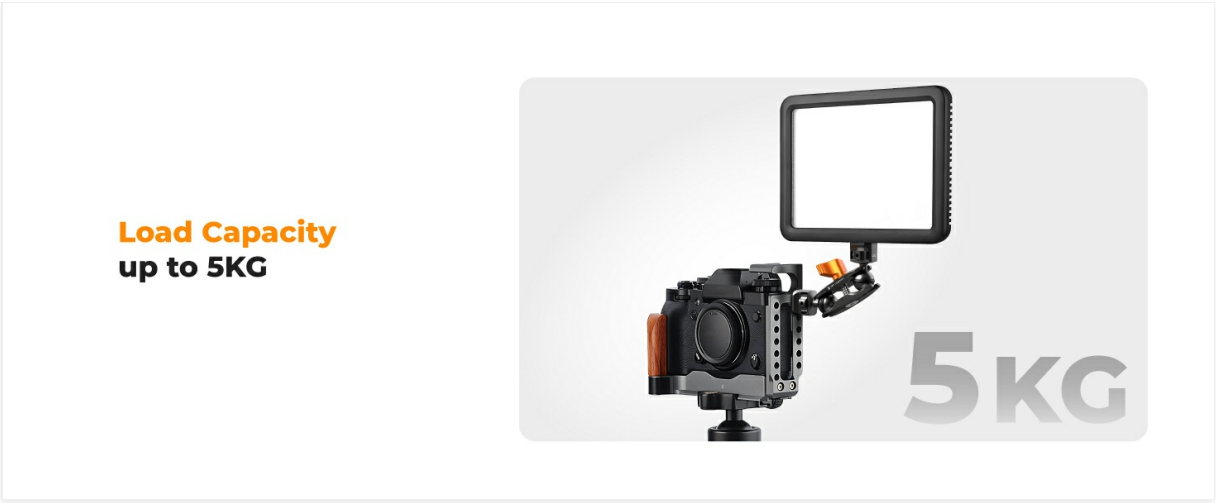


Figure 6: The compact design and light weight (110g) make it highly portable.

6. Care and Maintenance

To ensure the longevity and optimal performance of your K&F CONCEPT Dual Ball Heads Magic Arm, please follow these care and maintenance guidelines:

- **Cleaning:** Wipe the arm with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or abrasive materials that could damage the finish.
- **Storage:** Store the magic arm in a dry, cool place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check all screws and moving parts for tightness. Re-tighten if necessary to maintain stability.
- **Avoid Overloading:** Do not exceed the maximum load capacity of 5KG to prevent damage to the arm or attached equipment.

7. Troubleshooting

If you encounter any issues with your K&F CONCEPT Dual Ball Heads Magic Arm, consider the following common solutions:

- **Device Loosening:** Ensure the 1/4"-20 screws are fully tightened and the T-shaped latch is securely locked. If using ARRI positioning holes, confirm the pins are correctly engaged.
- **Difficulty Adjusting:** Check if the T-shaped latch is fully loosened before attempting to adjust the ball heads. If movement is still stiff, ensure no debris is obstructing the mechanism.
- **Unstable Setup:** Verify that the magic arm is securely attached to a stable support and that the combined weight of all attached devices does not exceed the 5KG load capacity.

8. Warranty and Support

K&F CONCEPT products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the official K&F CONCEPT website or contact their customer service directly. Please retain your proof of purchase for any warranty claims.