K&F CONCEPT KF31.132

K&F CONCEPT 11" Magic Arm Clamp with Super Clamp Instruction Manual

Model: KF31.132

1. Introduction

The K&F CONCEPT 11-inch Magic Arm Clamp with Super Clamp is a versatile accessory designed to securely mount various photographic and video equipment. Its dual 360° adjustable ball heads and robust super clamp provide flexible positioning for monitors, LED lights, webcams, action cameras, and other devices. This manual provides instructions for proper setup, operation, and maintenance to ensure optimal performance and longevity of your equipment.



Image 1.1: K&F CONCEPT 11-inch Magic Arm and Super Clamp overview.

2. Product Components

The K&F CONCEPT Magic Arm Clamp system includes the following main components:

- **11-inch Magic Arm:** Features dual 360° adjustable ball heads and 1/4" screws at both ends for attaching devices.
- **Super Clamp:** Designed for secure attachment to various surfaces, with 1/4" and 3/8" locating holes.

- **Locking Knob:** Central knob on the magic arm for simultaneous adjustment and locking of all joints.
- **Anti-Scratch Pads:** Rubber cushions on the super clamp and magic arm to protect equipment and increase friction.

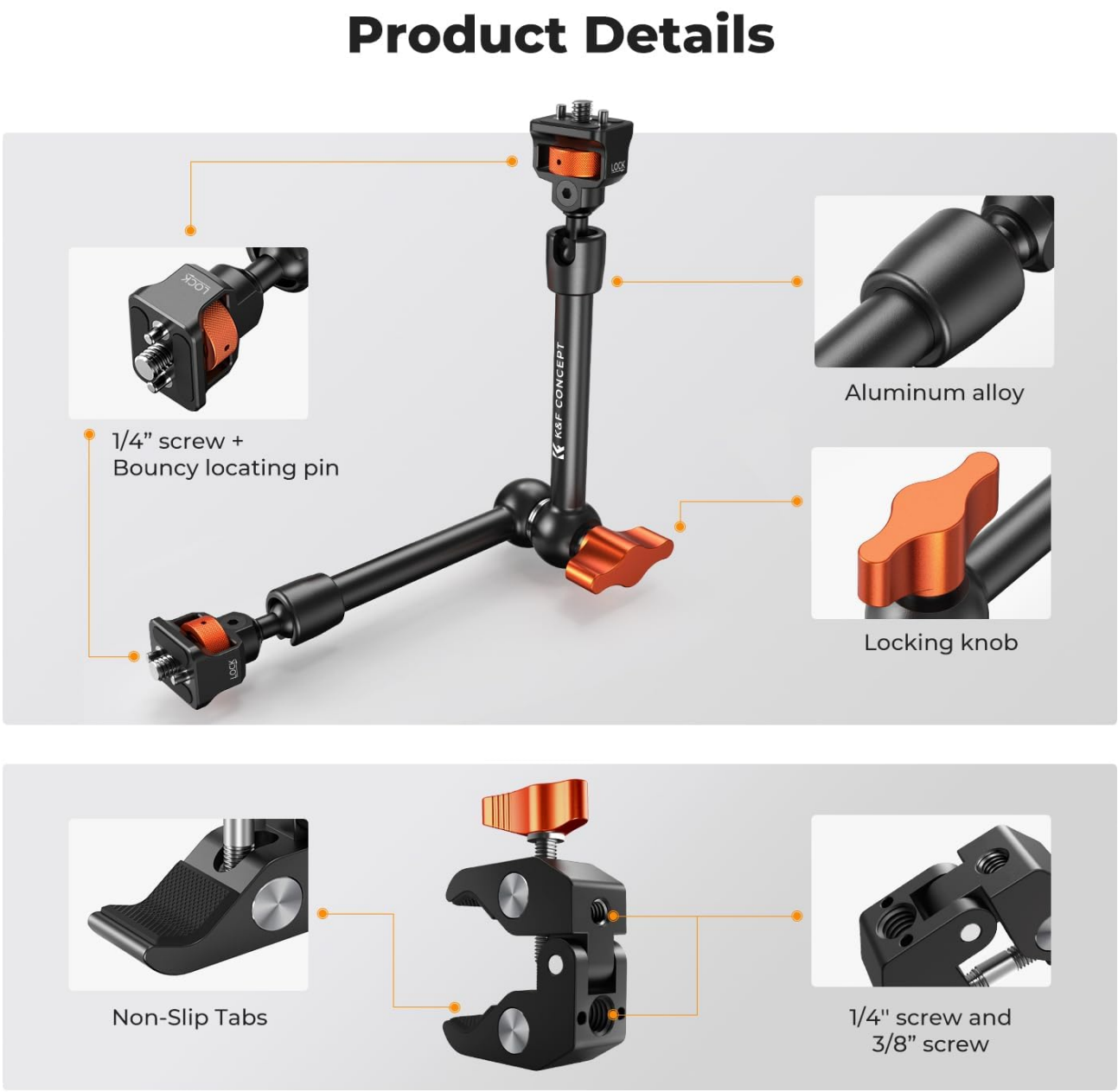


Image 2.1: Detailed view of the magic arm and super clamp components.

3. Setup Instructions

3.1 Attaching the Magic Arm to the Super Clamp

1. Identify the 1/4" screw on one end of the magic arm.
2. Locate the 1/4" or 3/8" threaded hole on the super clamp. The super clamp offers both for broader compatibility.
3. Screw the 1/4" end of the magic arm into the desired threaded hole on the super clamp until it is finger-tight.

3.2 Mounting the Super Clamp

The super clamp can be attached to various surfaces:

- **On Poles/Posts/Tripods:** Open the clamp by turning the orange knob counter-clockwise. Position the clamp around

the pole or post. Turn the knob clockwise to tighten the clamp securely. The clamping range is 15mm to 55mm.

- **On Tables/Desks:** Position the clamp on the edge of a table or desk. Ensure the anti-scratch pads are in contact with the surface to prevent damage and provide a firm grip. Tighten the knob until the clamp is stable.



Image 3.1: Super clamp securely attached to a tripod leg.

3.3 Attaching Devices to the Magic Arm

The other end of the magic arm features a 1/4" screw, compatible with most cameras, monitors, LED lights, webcams, and action cameras.

1. Align the 1/4" threaded hole on your device with the 1/4" screw on the magic arm.
2. Screw the device onto the magic arm until it is securely attached.



Image 3.2: Magic arm with a camera and monitor attached, demonstrating its versatility.

4. Operating Instructions

4.1 Adjusting the Magic Arm

The magic arm features dual 360° adjustable ball heads, allowing for precise positioning of your attached equipment.

1. To adjust the angle and position of the magic arm, loosen the central orange locking knob by turning it counter-clockwise.
2. Once loosened, you can freely rotate and articulate the ball heads and the central joint to achieve the desired angle. The ball heads offer 360° rotation and 90° horizontal and vertical adjustment.
3. After positioning your equipment, tighten the central locking knob clockwise until all joints are securely locked. This single knob controls the tension for all three articulation points simultaneously.



Image 4.1: Illustration of the 360-degree universal adjustment capability.

4.2 Load Capacity

The magic arm is designed for static or mildly dynamic scenarios with a maximum load capacity of 2 kg (approximately 4.4 lbs). It is crucial to adhere to this weight limit to ensure stability and prevent damage to the arm or your attached equipment. Avoid using the arm with heavy cameras or accessories during vigorous movement.



Image 4.2: Visual representation of the 2kg load capacity and examples of compatible devices.

5. Maintenance

To ensure the longevity and proper functioning of your K&F CONCEPT Magic Arm Clamp, follow these maintenance guidelines:

- **Cleaning:** Wipe the arm and clamp with a soft, dry cloth after each use to remove dust and debris. For stubborn dirt, use a slightly damp cloth and then dry thoroughly. Avoid harsh chemicals or abrasive cleaners.
- **Lubrication:** The moving parts are designed for smooth operation. Avoid applying lubricants unless specifically instructed by the manufacturer, as this could attract dust or degrade materials.
- **Storage:** Store the magic arm and super clamp in a clean, dry environment away from extreme temperatures and humidity.
- **Inspection:** Periodically inspect all screws, joints, and pads for any signs of wear or damage. Ensure all connections are secure before each use.

6. Troubleshooting

- **Arm not holding position:** Ensure the central locking knob is fully tightened. Check that the attached equipment does not exceed the 2 kg maximum load capacity.
- **Clamp slipping:** Verify that the super clamp is tightened sufficiently on the mounting surface. Ensure the anti-scratch pads are clean and making full contact. The clamping range is 15mm to 55mm; ensure your mounting surface falls within this range.
- **Difficulty in adjustment:** If the arm is stiff, slightly loosen the central locking knob. If it remains stiff, inspect for any debris in the joints. Do not force adjustments.
- **Device not screwing on securely:** Confirm that your device has a standard 1/4" threaded hole and that the screw on the magic arm is not stripped or damaged.

7. Specifications

Feature	Detail
Brand	K&F CONCEPT
Model Name	11" Magic Arm Clamp with Clamp

Model Number	KF31.132
Color	Black
Material	Metal, Rubber, Silicone
Item Weight	12.16 ounces
Item Dimensions	0.67 x 0.31 x 0.14 inches
Weight Capacity Maximum	2000 Grams (2 kg)
Super Clamp Opening Range	15mm - 55mm
Mounting Type	Tabletop Mount
Compatible Devices	Action Camera, Camera Cage, Cameras, Monitors, LED Lights, Webcams
Additional Features	Adjustable, Foldable

8. Warranty and Support

K&F CONCEPT products are manufactured to high-quality standards. For warranty information, technical support, or any inquiries regarding your 11" Magic Arm Clamp with Super Clamp, please refer to the official K&F CONCEPT website or contact their customer service directly. Keep your purchase receipt for warranty claims.
Official Website: K&F CONCEPT Store on Amazon

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