K&F CONCEPT MS27

K&F CONCEPT MS27 Magic Arm Instruction Manual

Multi-Function Double Ball Head with Cold Shoe Mount and 1/4" Screw

1. Introduction

Thank you for choosing the K&F CONCEPT MS27 Magic Arm. This versatile accessory is designed to provide flexible and stable mounting solutions for various photographic and videographic equipment. Please read this manual carefully to ensure proper use and optimal performance of your device.



Image 1.1: K&F CONCEPT MS27 Magic Arm overview.

2. Product Overview

The K&F CONCEPT MS27 Magic Arm features a robust design with dual ball heads, offering extensive adjustability. One end is equipped with a cold shoe interface and a 1/4" screw hole, while the other has a 1/4" screw with retractable pins for enhanced equipment locking and reduced misalignment.

Key Features:

- **Dual Ball Head Design:** Allows for 360° multi-angle free rotation.

- **Damping System:** Integrated O-rings on the rotating spheres provide smooth and stable operation during adjustments.
- **Quick Adjustment:** A flat-head twisting handle facilitates easy single-handed assembly and disassembly.
- **Wide Compatibility:** Connects to cameras, camcorders, monitors, flashlights, LED lights, microphones, and more.
- **Secure Mounting:** Retractable pins on the 1/4" screw enhance stability.



Image 2.1: Detailed view of the magic arm's adjustable components.



Image 2.2: Demonstration of 360° rotation of the ball heads.

3. Setup and Installation

The MS27 Magic Arm offers versatile mounting options for various devices and surfaces.

3.1 Attaching to Equipment:

1. **Using the 1/4" Screw:** For devices with a 1/4" screw thread (e.g., monitors, LED lights, cameras), align the device's thread with the 1/4" screw on one end of the magic arm. Rotate the thumb wheel to tighten securely. The retractable pins will engage to prevent rotation.
2. **Using the Cold Shoe Mount:** For accessories with a cold shoe foot (e.g., microphones, small LED panels), slide the cold shoe foot into the cold shoe base on the other end of the magic arm. Tighten the locking mechanism on the cold shoe base to secure the accessory.

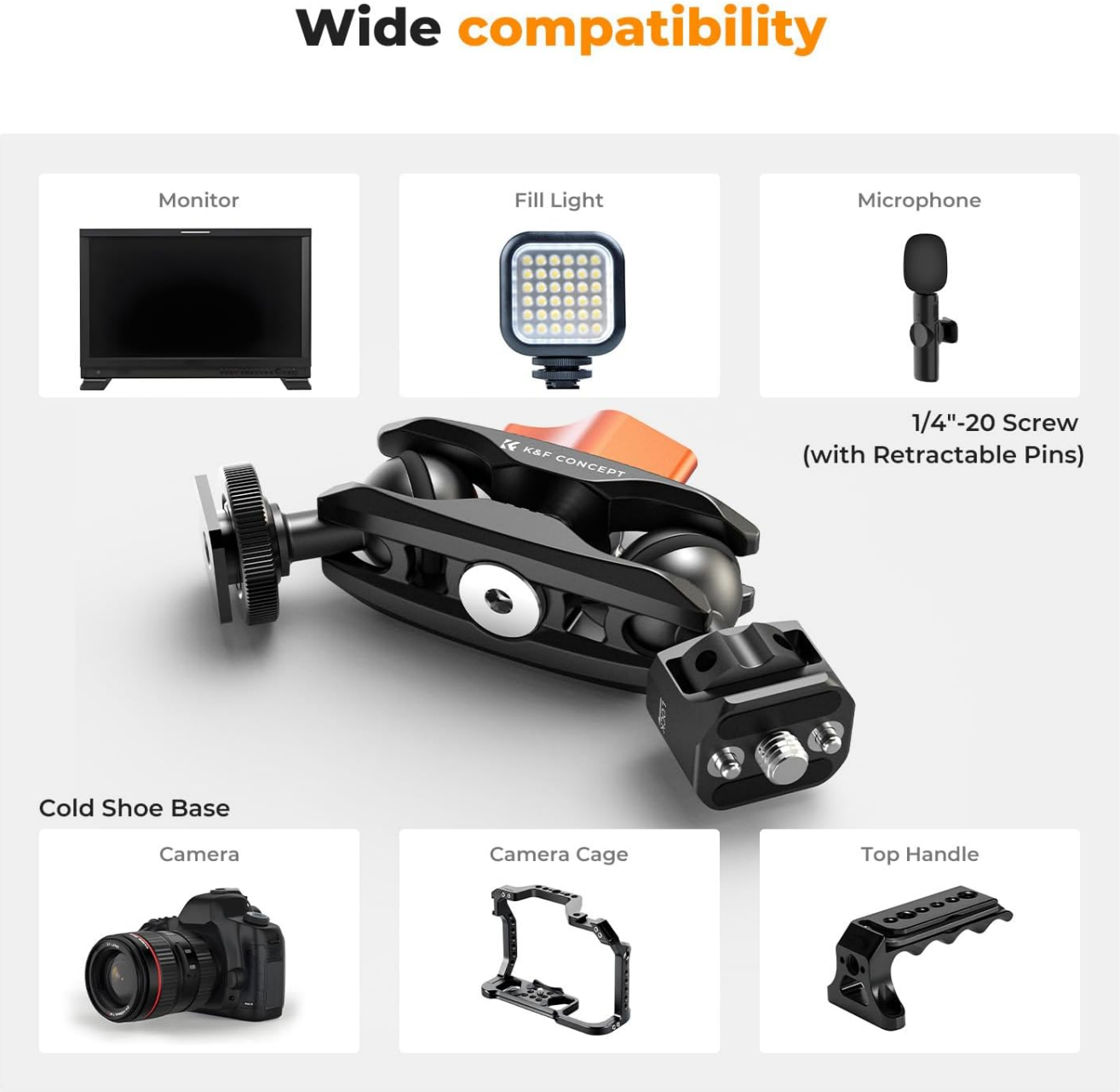


Image 3.1: Examples of equipment attachment.

3.2 Mounting the Magic Arm:

The magic arm can be attached to various surfaces using a compatible super clamp (sold separately) or directly to equipment with appropriate mounting points.

- **To a Super Clamp:** If using a super clamp, attach the magic arm to the super clamp's mounting point. Ensure the connection is tight and stable.
- **To Camera Cages or Top Handles:** The cold shoe base or 1/4" screw can be used to attach the magic arm to camera cages or top handles, providing additional mounting points for accessories.



Image 3.2: Magic arm in various shooting scenes.

Video 3.1: K&F Concept Super Clamp with Magic Arm demonstration. This video illustrates the versatility and attachment methods of the magic arm when paired with a super clamp, showing its use with various devices and surfaces like skateboards, bicycle handlebars, tree branches, tabletops, and railings.

4. Operation

Operating the K&F CONCEPT MS27 Magic Arm is straightforward, allowing for quick and precise adjustments.

1. **Adjusting Angle:** Loosen the orange flat-head twisting handle to unlock the dual ball heads. This allows for 360° rotation and multi-angle positioning of your attached equipment.
2. **Securing Position:** Once the desired angle is achieved, tighten the orange flat-head twisting handle firmly. The damping O-rings within the ball heads will assist in maintaining the position securely.
3. **Load Capacity:** The recommended maximum load capacity for the MS27 Magic Arm is 2KG (4.4LB). Do not exceed this limit to prevent damage to the arm or attached equipment.

5. Maintenance

To ensure the longevity and optimal performance of your K&F CONCEPT MS27 Magic Arm, follow these maintenance guidelines:

- **Cleaning:** Wipe the arm with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the magic arm in a dry, cool place away from direct sunlight and extreme temperatures.
- **Rubber Rings:** The product includes replacement non-slip rubber rings. If the original O-rings show signs of wear or reduced damping, they can be replaced to restore optimal performance.

6. Troubleshooting

If you encounter issues with your MS27 Magic Arm, consider the following:

- **Arm Not Holding Position:** Ensure the orange flat-head twisting handle is fully tightened. Check if the attached equipment exceeds the 2KG (4.4LB) maximum load capacity. Verify that the internal O-rings are intact and providing sufficient damping.
- **Loose Connections:** For 1/4" screw connections, ensure the thumb wheel is securely tightened and the retractable pins are engaged. For cold shoe connections, confirm the locking mechanism is fully engaged.
- **Difficulty Adjusting:** If the ball heads are stiff, ensure the twisting handle is sufficiently loosened. Avoid over-tightening the handle, as this can cause wear over time.

7. Specifications

Feature	Detail
Model Number	MS27
Product Dimensions	2.95 x 2.55 x 1.37 inches
Item Weight	3.87 ounces (109.7 grams)
Maximum Load Capacity	2KG (4.4LB)
Mounting Type	Desktop Mount (via clamp), Cold Shoe, 1/4" Screw
Compatible Devices	Cameras, Monitors, LED Lights, Microphones, Universal Phone Models (with adapter)
Color	Black

8. Package Contents

The K&F CONCEPT MS27 Magic Arm package includes the following items:

- K&F Concept Magic Arm (with two Ball Heads) x 1
- Non-slip Rubber Ring (Replacement) x 2



Image 8.1: Contents of the K&F CONCEPT MS27 Magic Arm package.

9. Warranty and Support

K&F CONCEPT products are designed for reliability and performance. For warranty information, product support, or any inquiries, please refer to the official K&F CONCEPT website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Example: How do I reset this device or fix this error?

Details

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