

SMALLRIG KBUM2730-SR

SMALLRIG Super Clamp & Magic Arm Instruction Manual

Brand: SMALLRIG | Model: KBUM2730-SR

1. PRODUCT OVERVIEW

The SMALLRIG Super Clamp with Articulating Magic Arm (Model KBUM2730-SR) is a versatile mounting solution designed for photographers, videographers, and content creators. It combines a robust super clamp with a flexible articulating arm, allowing for secure attachment and precise positioning of various accessories such as LCD monitors, LED lights, microphones, and cameras.



Figure 1: The SMALLRIG Super Clamp and Articulating Magic Arm.

2. KEY FEATURES

- **Versatility:** Includes a super clamp with 1/4" and 3/8" threads and an articulating arm with 1/4" screws on both ends.
- **Super Clamp:** Constructed from lightweight aluminum alloy, featuring 1/4"-20 and 3/8"-16 threads for mounting on various surfaces like cameras, lights, umbrellas, hooks, shelves, plate glass, cross bars, and other clamps. It can open a maximum of 54mm and a minimum of 15mm.
- **360° Rotation:** The double 360-degree ball head articulating design allows for adjustment to any angle.
- **Rubber Cushion:** Both the Super Clamp and the Articulating Magic Arm are equipped with rubber cushions to prevent scratches on mounted equipment and ensure a tighter lock.
- **Durable Construction:** Made of aluminum alloy and stainless steel for sturdiness and durability.

Product Detail Display

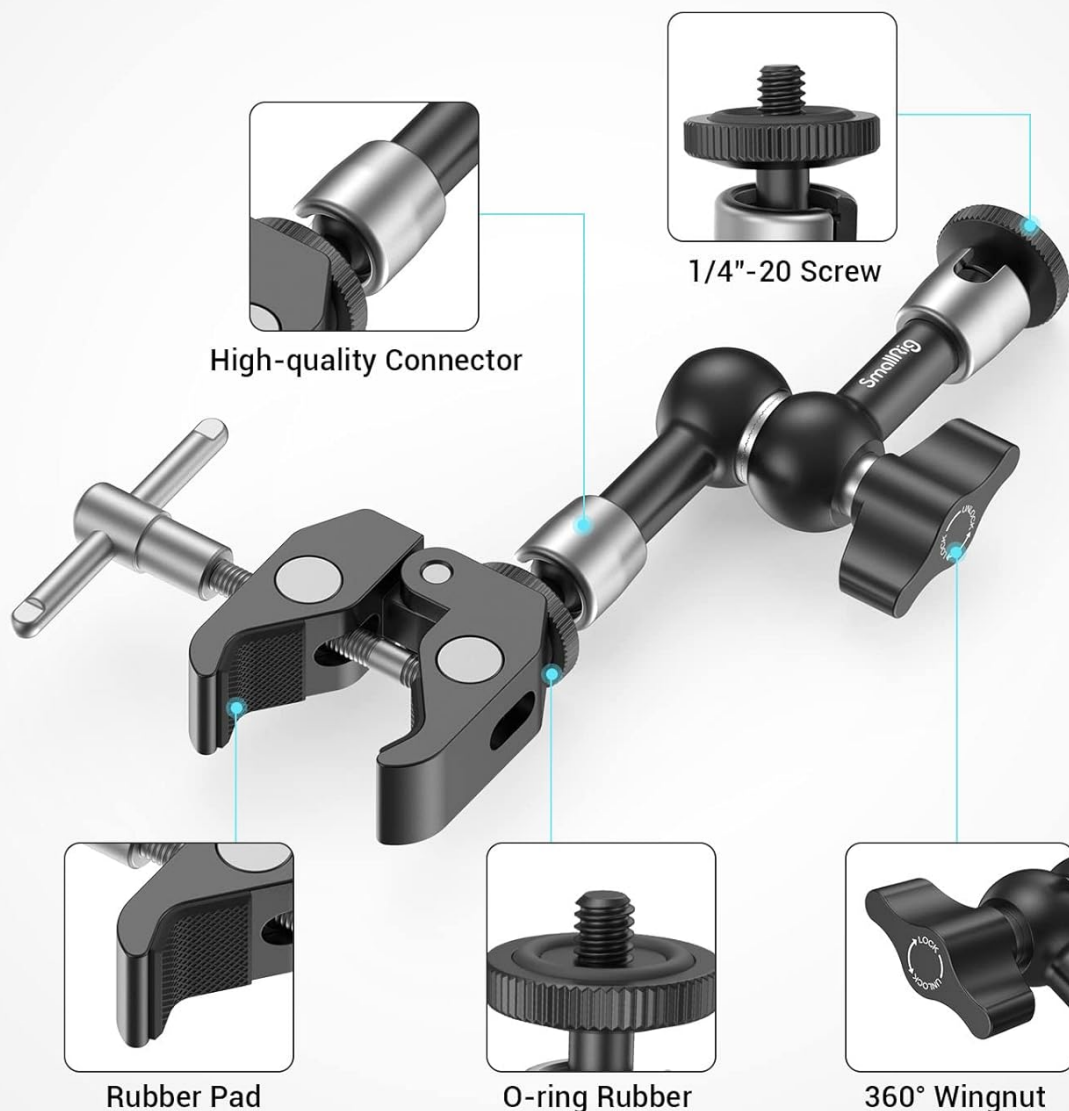


Figure 2: Detailed display of product components including 1/4"-20 screw, high-quality connector, rubber pad, O-ring rubber, and 360° wingnut.

3. SETUP INSTRUCTIONS

1. **Attach Magic Arm to Super Clamp:** Align the 1/4" screw on one end of the articulating magic arm with the

corresponding 1/4" threaded hole on the super clamp. Rotate the arm clockwise to securely fasten it.

2. Mount Super Clamp:

- Identify a stable surface or object (e.g., rod, table edge, camera cage) within the clamp's opening range (15mm to 54mm).
- Rotate the T-handle of the super clamp counter-clockwise to open the jaws to the desired width.
- Position the clamp around the chosen surface, ensuring the rubber pads make full contact.
- Rotate the T-handle clockwise to tighten the clamp securely. Ensure it is firmly attached and does not wobble.

3. Attach Device to Magic Arm:

- Align the 1/4" screw on the free end of the articulating magic arm with the threaded hole on your device (e.g., monitor, LED light, camera).
- Rotate your device clockwise onto the screw until it is finger-tight.



Figure 3: The Super Clamp's opening range (15-40mm) and examples of mounting on rods, with flash, and on a table.

4. OPERATING INSTRUCTIONS

The articulating magic arm features a central wingnut that controls the tension of both ball joints simultaneously,

allowing for quick and precise adjustments.

1. Adjusting Position:

- a. To adjust the angle or position of the attached device, rotate the central wingnut counter-clockwise to loosen the ball joints.
- b. Carefully maneuver the arm and ball joints to achieve the desired angle and orientation. The arm offers 360-degree rotation at both ends.
- c. Once the desired position is achieved, rotate the central wingnut clockwise to tighten and lock the ball joints firmly in place. Ensure the arm is stable before releasing your grip.

2. Securing the Clamp:

- a. Always ensure the super clamp is securely fastened to its mounting surface. The T-handle should be tightened until the clamp is stable and cannot be easily moved.
- b. The rubber pads on the clamp jaws provide enhanced grip and protect the mounting surface from scratches.

360° Rotation Magic Arm

Position can be adjusted according to your need via ergonomic wingnut.



Figure 4: The Magic Arm's 360° rotation capability, allowing for flexible positioning.

Universal Usage

Made of Aluminum Alloy, it could be mounted onto anything like cameras, lights, umbrellas, hooks, shelves, plate glass, crossbars, even other Super Clamps very stably.



Figure 5: Examples of universal usage, demonstrating how the clamp and arm can be mounted on various objects.

Note: No official product videos from the seller were available for embedding in this manual.

5. MAINTENANCE

- **Cleaning:** Wipe the product with a soft, dry cloth to remove dust and debris. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect all screws, joints, and the clamp mechanism for any signs of wear, damage, or loosening.
- **Lubrication:** The ball joints and screw threads are designed for smooth operation. If any stiffness is observed, a small amount of silicone-based lubricant can be applied, ensuring not to over-lubricate.
- **Storage:** Store the Super Clamp and Magic Arm in a clean, dry environment away from extreme temperatures and direct sunlight.

6. TROUBLESHOOTING

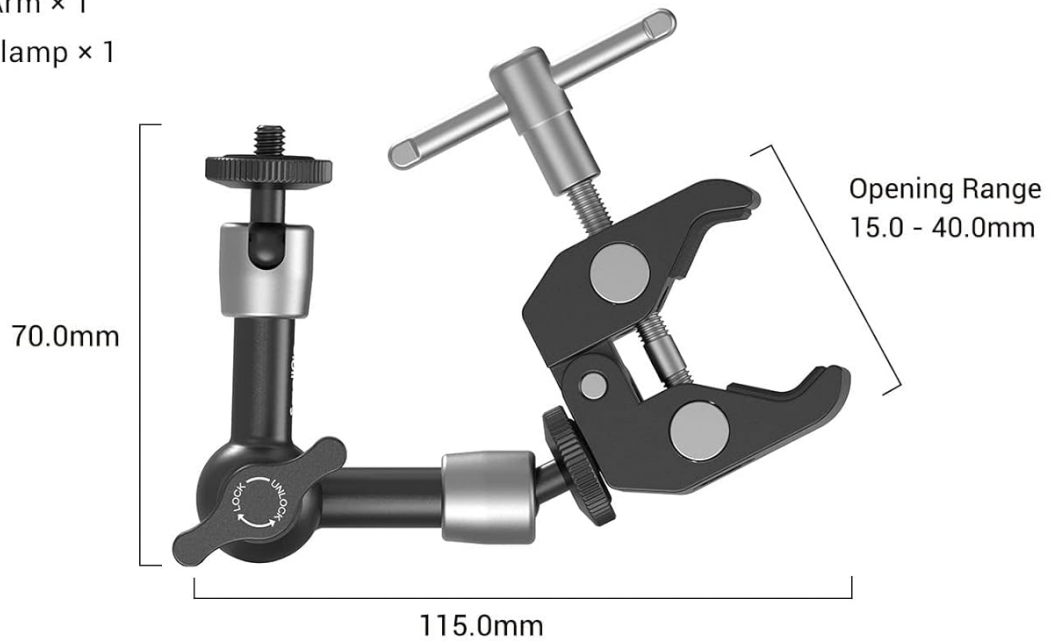
Problem	Possible Cause	Solution
Arm or device slips after tightening.	Insufficient tightening of the central wingnut or clamp. Overload beyond maximum payload.	Ensure the central wingnut is fully tightened. Verify the weight of the attached device does not exceed the maximum payload (1.5 kg). Re-tighten the super clamp.
Clamp does not hold securely.	Surface is too narrow/wide for the clamp's range. Clamp not tightened sufficiently.	Ensure the mounting surface is within the clamp's 15mm-54mm opening range. Tighten the T-handle firmly.
Difficulty adjusting arm movement.	Wingnut is too tight. Dirt or debris in joints.	Loosen the central wingnut slightly. Clean the ball joints and surrounding areas. Apply a small amount of silicone lubricant if necessary.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	5.5 x 10.33 x 10.33 inches (assembled)
Item Weight	4.7 ounces (0.29 Pounds)
Model Number	KBUM2730-SR
Material	Aluminum Alloy, Stainless Steel
Maximum Weight Recommendation	1.5 Kilograms
Clamp Opening Range	15mm - 54mm
Thread Sizes	1/4"-20 and 3/8"-16

Package Includes

Magic Arm × 1
Super Clamp × 1



Product Parameters

Brand
SmallRig

Product Dimension
70.0 × 115.0mm

Material(s)
Aluminum Alloy

ID
KBUM2730

Figure 6: Product dimensions and package contents (Magic Arm x 1, Super Clamp x 1).

8. WARRANTY AND SUPPORT

For detailed warranty information, product support, or to purchase replacement parts, please refer to the official SMALLRIG website or contact their customer service directly. Keep your purchase receipt for warranty claims.