SMALLRIG RF10C

SMALLRIG RF10C Photography Flashlight and Magic Arm Bundle User Manual

Model: RF10C

INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your SMALLRIG RF10C Photography Flashlight and 22" Magic Arm with Clamp 4766 bundle. This versatile kit is designed to enhance your photography and videography setups by providing flexible lighting and mounting solutions for various devices.

PRODUCT OVERVIEW AND COMPONENTS

The SMALLRIG RF10C bundle includes the following components:

- **SMALLRIG RF10C Photography Flashlight:** A dedicated light source for various photographic applications.
- **SMALLRIG 22" Magic Arm w Clamp 4766:**A highly adjustable articulating arm with a versatile clamp for secure mounting.

Image: The complete SMALLRIG RF10C Photography Flashlight and 22" Magic Arm with Clamp 4766 bundle, showcasing both the flashlight and the articulating arm with its clamp.

SETUP AND ASSEMBLY

Follow these steps to set up your SMALLRIG Magic Arm and attach your devices:

1. **Attach the Clamp:** Identify a suitable mounting surface (e.g., table edge, round tube, tripod leg). Open the clamp by rotating the large knob. Position the clamp securely onto the surface and tighten the knob until it is firmly attached. The clamp is designed to accommodate both flat surfaces (up to 50mm) and round tubes (up to 63.5mm).
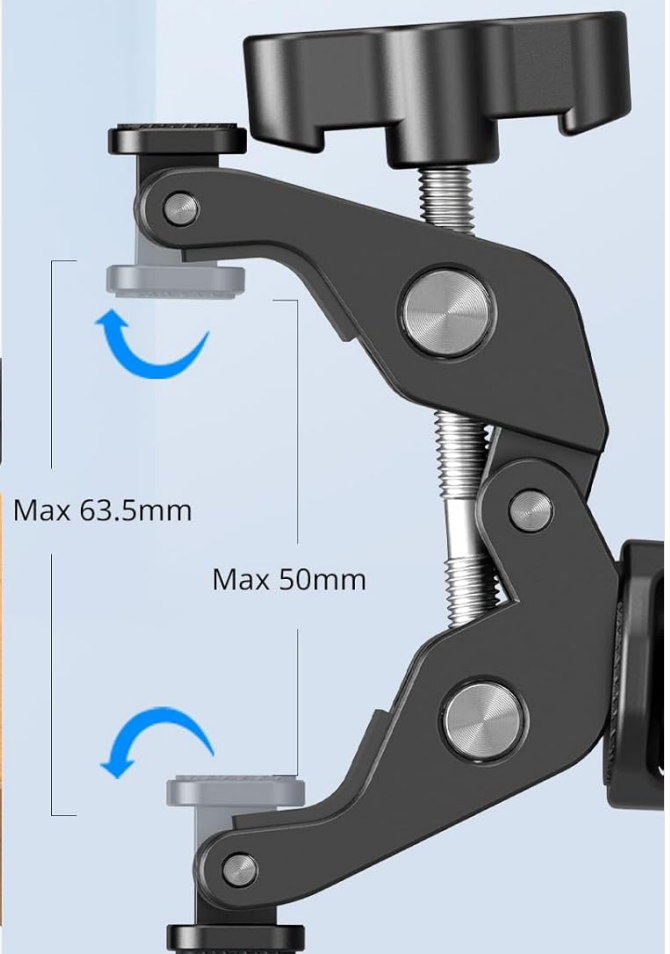
Versatile Clamp

Round Tube

Flat Surface

Max 63.5mm

Max 50mm

Image: Illustration of the versatile clamp attaching to both a flat surface and a round tube, highlighting its maximum opening dimensions.

2. **Adjust the Magic Arm:** The 22-inch Magic Arm features multiple articulation points with double-ball clamps. Loosen the central knob(s) to adjust the arm's length and angle. Once the desired position is achieved, tighten the knob(s) firmly to lock the arm in place. The arm offers 360-degree rotation at its joints for precise positioning.

Longer, More Flexible Magic Arm

56cm / 22" with 3 double-ball clamps
for precise angles.

56cm / 22"

360°

Image: The 22-inch Magic Arm extended, demonstrating its length and the 360-degree rotational capability of its joints.

3. **Mount Your Device:** The Magic Arm is equipped with standard mounting screws (e.g., 1/4"-20) compatible with the RF10C Flashlight and other photographic accessories like smartphones (with an adapter), action cameras, or webcams. Screw your device onto the arm's mounting point. Ensure it is securely fastened.
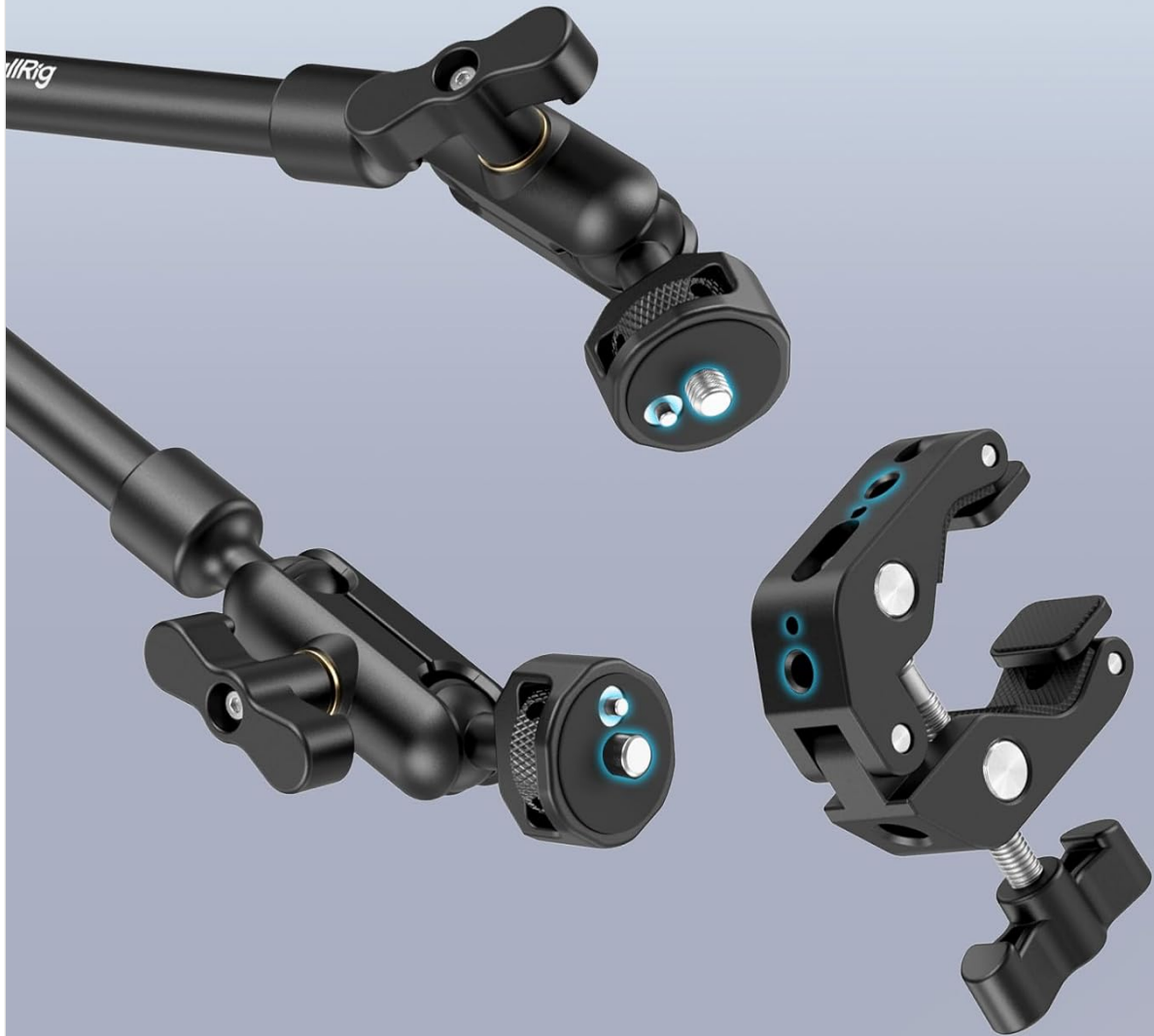
Image: The Magic Arm shown with various devices mounted, including a smartphone, a GoPro camera, and a small LED light, illustrating its broad compatibility.

4. **Anti-Deflection and Anti-Scratch Features:** The design incorporates anti-deflection features to ensure secure connections between devices and clamps, preventing unwanted movement. Additionally, the arm and clamp feature 12 anti-slip and anti-scratch designs, including rubber rings and silicone pads, to enhance locking force and protect your equipment from damage.

Anti-Deflection Design

Securely connects devices and clamps.

Image: Close-up view of the Magic Arm's joints and clamp, highlighting the anti-deflection design elements that ensure secure connections.

12 Anti-slip and Anti-scratch Designs

Enhanced locking force
Prevent scratching equipment

6 Rubber rings

4 Silicone pads

2 Silicone pads

Image: Diagram illustrating the 12 anti-slip and anti-scratch features, including the placement of 6 rubber rings and 4 silicone pads, designed to protect equipment and enhance grip.

OPERATING INSTRUCTIONS

Using the RF10C Photography Flashlight

The RF10C Flashlight is designed for continuous output lighting. Refer to the flashlight's specific manual for detailed instructions on power on/off, brightness adjustment, and any available lighting modes. Ensure the flashlight is securely mounted to the Magic Arm before operation.

Adjusting the Magic Arm for Optimal Positioning

The Magic Arm allows for highly flexible positioning of your mounted devices. Loosen the central knob(s) to articulate the arm to your desired angle and height. Once positioned, firmly tighten the knob(s) to prevent any sagging or movement. The arm's design allows for a wide range of motion, enabling you to achieve precise angles for your shots.

Image: The Magic Arm configured in multiple positions, demonstrating its versatility in holding different devices like a smartphone, webcam, and action camera for static use.

Important Note:

The recommended load capacity for the Magic Arm is 0.25kg (8.8oz). It is recommended for use in **static situations**. Avoid using it for dynamic movements or with loads exceeding the recommended capacity to ensure stability and prevent damage to your equipment.

MAINTENANCE

- **Cleaning:** Wipe the surfaces of the flashlight and magic arm with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid using harsh chemicals or abrasive cleaners.

- **Storage:** Store the bundle in a cool, dry place away from direct sunlight and extreme temperatures. Ensure all knobs are slightly loosened before storage to relieve pressure on the joints.

- **Inspection:** Periodically check all screws, knobs, and joints for tightness. Ensure the rubber rings and silicone pads are intact and properly seated to maintain anti-slip and anti-scratch functionality.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Magic Arm sags or doesn't hold position.	Knobs not tightened sufficiently; load exceeds capacity.	Ensure all knobs are firmly tightened. Verify that the mounted device's weight does not exceed the recommended load capacity of 0.25kg (8.8oz).
Clamp slips on mounting surface.	Clamp not tightened enough; surface is too smooth or oily.	Tighten the clamp knob securely. Ensure the mounting surface is clean and dry. Check if the silicone pads on the clamp are intact.
Device feels loose on the mounting screw.	Device not fully screwed in; mounting screw is worn.	Ensure the device is fully screwed onto the 1/4"-20 thread. If the issue persists, inspect the mounting screw for damage.

SPECIFICATIONS

Brand	SMALLRIG
Model Number	RF10C
Included Components	SMALLRIG RF10C Photography Flashlight, 22" Magic Arm w Clamp 4766
Magic Arm Length	22 inches (56cm)
Magic Arm Load Capacity	Recommended 0.25kg (8.8oz)
Clamp Max Opening (Flat)	50mm
Clamp Max Opening (Round Tube)	63.5mm
Compatible Mountings (Flashlight)	Canon E-TTL, Canon E-TTL II, Fujifilm X, Nikon, Sony Alpha (*Note: This refers to the flashlight's compatibility, not the arm's direct mounting. The arm uses standard 1/4"-20 threads.*)
Camera Flash Type	External (RF10C Flashlight)
Flash Sync Speed	1/250 (RF10C Flashlight)

WARRANTY AND SUPPORT

SMALLRIG products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the official SMALLRIG website or contact their customer support directly. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, visit: www.smallrig.com