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SMALLRIG 5141

SMALLRIG Magic Arm with 360° Ball Head & Damping Arm (Model 5141)

Instruction Manual

1. INTRODUCTION

The SMALLRIG Magic Arm 5141 is a versatile accessory designed for mounting monitors and other equipment during shoulder or tripod shooting. It features a unique damping arm for precise adjustments and an integrated cable organizer for a tidy setup. Constructed from CNC-machined aluminum alloy, it offers robust support for loads up to 2.0kg (4.4lb).

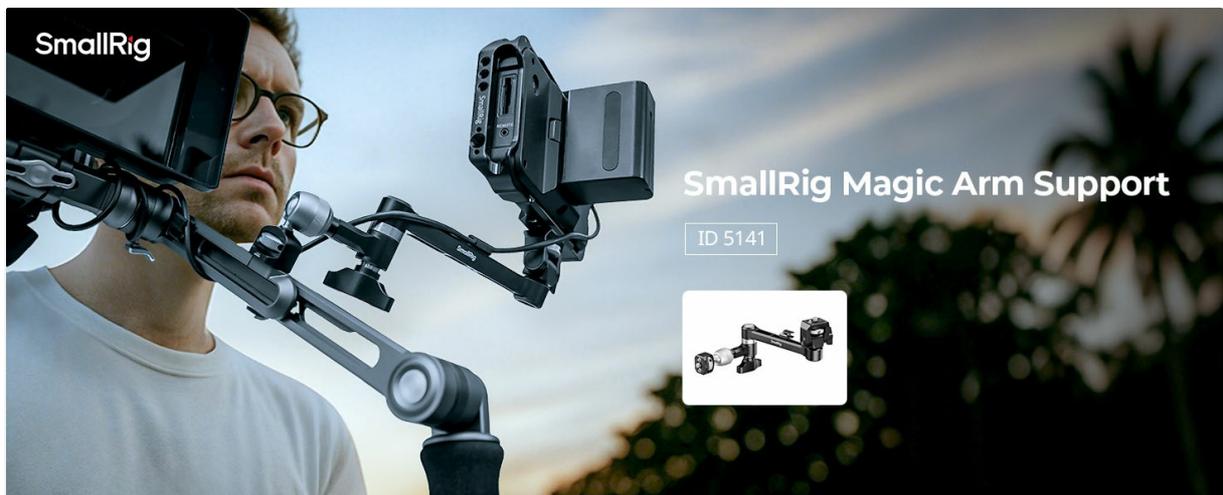


Image 1.1: The Magic Arm 5141 facilitating seamless monitor positioning for both shoulder and tripod setups.

2. SETUP

2.1 Package Contents

- Magic Arm × 1
- Cable Organizer × 1
- Allen Wrench × 1

Package

ID 5141

Magic Arm × 1

Cable Organizer × 1

Allen Wrench × 1



Specifications

Product Dimensions: 237.0 × 102.7 × 25.4mm / 9.3 × 4.0 × 1.0in

Product Weight: 241.0 ± 5.0g / 8.5 ± 0.2oz

Material(s): Aluminum Alloy

Image 2.1: Package contents and dimensions of the Magic Arm 5141.

2.2 Attaching the Magic Arm

1. Identify the mounting points on your shoulder support (e.g., SmallRig ID 4480/4181) or tripod system. The Magic Arm features 1/4"-20 screws on both ends for universal compatibility.
2. Thread one end of the Magic Arm onto the desired mounting point. Ensure the anti-twist retractable pins engage with compatible holes on your equipment to prevent accidental rotation.
3. Securely tighten the thumbscrew on the Magic Arm to firmly attach it to your rig. An Allen wrench is provided for additional tightening if necessary.
4. Attach your monitor, camera, or accessory to the other end of the Magic Arm using the 1/4"-20 screw. The rubber pads on the mounting surface protect your equipment from scratches.

1/4"-20 Screw Connection



Anti-Twist Retractable Pins



Protective Rubber Pads

Image 2.2: Detail of the 1/4"-20 screw connection with anti-twist pins and protective rubber pads.

3. OPERATING INSTRUCTIONS

3.1 Adjusting Position and Angle

- **Damping Arm Adjustment:** The damping arm allows for 360° pan and 160° tilt adjustments. Loosen the locking knob to adjust the angle, then tighten it to secure the position. This design enables one-handed adjustments, allowing you to maintain focus on your shot.
- **360° Ball Head:** The ball head on one end provides additional flexibility for precise positioning of your attached device. Loosen the corresponding thumbscrew to adjust the ball head, then tighten to lock.

Flexible Adjustments

Supports one-handed monitor adjustments



Image 3.1: Flexible adjustments with 360° ball head and 160° tilt damping arm.

3.2 Cable Management

Utilize the integrated cable organizer to route and secure any cables connected to your monitor or accessory. This helps to prevent clutter and ensures a professional, tidy setup during operation.

Built-In Cable Organizer

Efficient cable management and tidy setup



Image 3.2: The built-in cable organizer for efficient cable management.

3.3 Ambidextrous Use

The Magic Arm is designed for interchangeable left or right side mounting, accommodating various shooting styles and preferences.

Left & Right Hand Adaptable

Interchangeable use between left and right sides



Image 3.3: Left and right-hand adaptable configurations.

4. MAINTENANCE

- **Cleaning:** Wipe the Magic Arm with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or abrasive materials that could damage the finish.
- **Tightening:** Periodically check all screws and knobs for tightness. If any joint feels loose, use the provided Allen wrench to tighten the corresponding thumbscrew until secure.
- **Storage:** Store the Magic Arm in a clean, dry environment when not in use to prevent corrosion or damage.

5. TROUBLESHOOTING

5.1 Instability or Sagging

- **Issue:** The attached monitor or accessory is not holding its position or sags.
- **Solution:** Ensure all locking knobs and thumbscrews on the Magic Arm are fully tightened. Use the included Allen wrench to apply additional torque to the thumbscrews if necessary. Verify that the load capacity of 2.0kg (4.4lb) is not exceeded.

5.2 Difficulty Adjusting Joints

- **Issue:** Joints are stiff or difficult to move.
- **Solution:** Loosen the locking knobs slightly before attempting to adjust. If the joints remain excessively stiff, ensure no debris is obstructing the mechanism. Avoid over-tightening, which can cause premature wear.

6. SPECIFICATIONS

Product Dimensions	237.0 × 102.7 × 25.4mm (9.3 × 4.0 × 1.0in)
Item Weight	241.0 ± 5.0g (8.5 ± 0.2oz)
Material(s)	Aluminum Alloy
Load Capacity	2.0kg (4.4lb)
Adjustments	360° Pan, 160° Tilt (Damping Arm), 360° Rotation (Ball Head)
Mounting Points	1/4"-20 screws with anti-twist retractable pins



Image 6.1: Load capacity and dimensions of the Magic Arm 5141.

7. WARRANTY AND SUPPORT

7.1 Return Policy

This product is subject to a 30-day return policy for refund or replacement, as per standard retail terms.

7.2 Manufacturer Support

For technical assistance, product inquiries, or warranty claims, please contact SMALLRIG directly through their official website or customer service channels. Refer to your purchase documentation for specific contact details.