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Manfrotto L Bracket Q2 MS050M4-Q2 Instruction Manual

Model: MS050M4-Q2

INTRODUCTION

The Manfrotto L Bracket Q2 MS050M4-Q2 is a specialized accessory designed for photographers who require rapid transitions between horizontal (landscape) and vertical (portrait) camera orientations without compromising stability or the optical axis. Constructed from lightweight yet durable magnesium, this L-bracket integrates seamlessly with Manfrotto's Q2 quick release system, ensuring a secure and balanced setup on your tripod.

SAFETY INFORMATION

- Always ensure the L-bracket is securely attached to your camera and tripod head before use.
- Do not exceed the maximum load capacity of 33.07 lbs (15 kg).
- Avoid exposing the product to extreme temperatures or corrosive substances.
- Regularly inspect all components for wear or damage. Discontinue use if any damage is observed.
- Keep out of reach of children.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Manfrotto L Bracket Q2 MS050M4-Q2
- Camera mounting screw
- Centering adjustment tool (as shown in image)

SETUP

1. Attaching the L Bracket to Your Camera

1. Locate the tripod mounting thread on the base of your camera.

2. Align the L-bracket's base plate with the camera's base. Ensure the anti-rotational pins on the bracket engage with any corresponding holes on your camera body for a secure fit.
3. Insert the camera mounting screw through the L-bracket's slot and into the camera's tripod thread. Tighten the screw firmly using an appropriate tool (e.g., an Allen wrench, if provided, or a coin). Do not overtighten.
4. Adjust the position of the L-bracket along the camera's base to ensure optimal balance and access to camera ports. The bracket features an adjustable design to accommodate various camera body sizes.



Image: The L-bracket securely attached to a camera, featuring an integrated spirit level for precise leveling.

2. Using the Centering Adjustment Tool

For precise alignment, especially for panoramic photography, use the included centering adjustment tool:

1. Attach the L-bracket to your camera as described above.
2. Mount the camera with the L-bracket onto your tripod head.

3. The centering tool helps align the nodal point of your lens with the rotation axis of the tripod head. Follow the instructions provided with the centering tool for specific adjustments. This typically involves adjusting the L-bracket's position on the camera base until the lens's nodal point is centered.



Image: The centering adjustment tool and a mounting screw, essential for precise setup and alignment.

OPERATING

1. Mounting on a Tripod Head

The Manfrotto L Bracket Q2 MS050M4-Q2 is designed for use with Manfrotto tripod heads featuring the Q2 (200PL-14) quick release system.

- Ensure your tripod head's quick release clamp is open.
- Slide the L-bracket's base plate into the quick release clamp until it clicks into place.
- Close the quick release lever or knob to secure the camera and L-bracket firmly. Verify that there is no movement.



Image: A close-up view of the L-bracket's magnesium construction and the quick-release plate area, highlighting its robust design.

2. Switching Camera Orientation

To change from horizontal to vertical orientation (or vice versa):

- Release the quick release clamp on your tripod head.
- Remove the camera with the L-bracket.
- Re-insert the camera into the quick release clamp using the other side of the L-bracket (the vertical plate).
- Secure the quick release clamp. The L-bracket ensures the camera's weight remains centered over the tripod, preventing shifts in balance or composition.

MAINTENANCE

- Clean the L-bracket with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Store the L-bracket in a dry, dust-free environment when not in use.
- Periodically check all screws and connections for tightness.

TROUBLESHOOTING

- **Issue: Difficulty accessing camera ports (e.g., remote trigger, USB).**

Solution: The L-bracket's design may restrict access to certain side ports on some camera models. Adjust the bracket's position on the camera base if possible. In some cases, it may be necessary to connect cables before attaching the bracket or temporarily remove the bracket for port access.

- **Issue: Camera mounting screw is too long or does not tighten properly.**

Solution: While designed for universal compatibility, some camera models may have shallower tripod threads. Ensure the screw is fully engaged. If the screw is consistently too long, consult Manfrotto support for alternative mounting options or adapters.

- **Issue: L-bracket feels loose on the camera or tripod head.**

Solution: Ensure the camera mounting screw is tightened firmly. When attaching to the tripod head, confirm the quick release clamp is fully engaged and locked. The anti-rotational pins should be properly seated.

SPECIFICATIONS

Feature	Specification
Brand	Manfrotto
Model Name	MS050M4-Q2
Material	Magnesium
Item Weight	0.71 Pounds (0.32 kg)
Load Capacity Maximum	33.07 Pounds (15 kg)
Item Dimensions (L x W x H)	5.91 x 1.97 x 5.91 inches (15 x 5 x 15 cm)
Plate Type	200PL-14 (Q2 Quick Release)
Color	Gray
Compatible Devices	Cameras

WARRANTY INFORMATION

Manfrotto products are manufactured to high quality standards and are guaranteed against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the official Manfrotto website or contact their customer support directly. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For further assistance, technical support, or to explore other Manfrotto products, please visit the official Manfrotto store or website:

Visit the [Manfrotto Store on Amazon](#)

