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NEEWER MB-N12

NEEWER MB-N12 Battery Grip for Nikon Z8 Instruction Manual

Model: MB-N12

Introduction

Thank you for purchasing the NEEWER MB-N12 Battery Grip for Nikon Z8. This manual provides detailed instructions for the proper setup, operation, and maintenance of your new battery grip. Please read this manual thoroughly before use to ensure optimal performance and to prevent damage to the product or injury to yourself.

What's in the Box

Please check the package contents upon opening to ensure all items are present:

- 1 x NEEWER MB-N12 Vertical Battery Grip
- 1 x 2.4G Remote Control
- 1 x Cleaning Cloth
- 1 x User Manual (This document)

Safety Information

To ensure safe operation and prevent damage, please observe the following precautions:

- Do not disassemble or modify the product.
- Keep the product away from water and moisture.
- Avoid exposing the product to extreme temperatures or direct sunlight.
- Use only compatible batteries (EN-EL15c, EN-EL15b, EN-EL15a, EN-EL15).
- Keep out of reach of children.

Setup

1. Installing Batteries

The battery grip supports one or two EN-EL15c, EN-EL15b, EN-EL15a, or EN-EL15 batteries. For hot-swap functionality, two batteries must be installed.

1. Open the battery hatch cover on the grip.
2. Insert one or two compatible batteries into the battery compartments, ensuring correct polarity.
3. Close the battery hatch cover securely.



Figure 1: Inserting batteries into the grip. The image shows the battery compartment open with a battery being inserted.

2. Attaching the Battery Grip to the Camera

The MB-N12 is designed for the Nikon Z8 camera.

1. Ensure your camera is powered off.
2. Remove the battery from your Nikon Z8 camera and detach the camera's battery compartment cover. Store the camera's battery cover in the designated slot on the battery grip to prevent loss.
3. Align the battery grip's mounting screw with the camera's tripod socket.
4. Tighten the lock screw knob on the grip until it is securely attached to the camera. Do not overtighten.

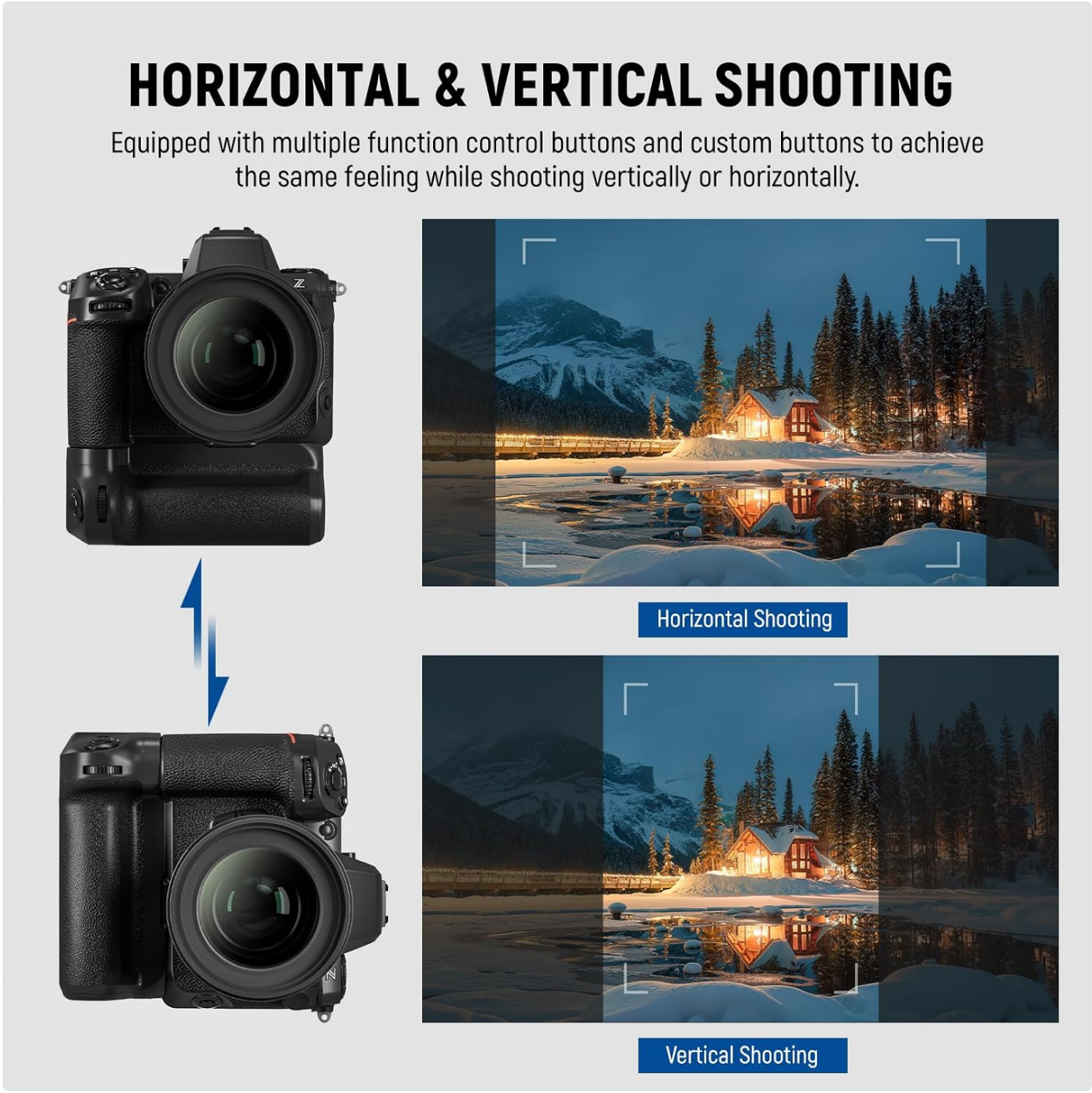


Figure 2: NEEWER MB-N12 battery grip attached to a Nikon Z8 camera, providing an ergonomic extension.

3. Setting up the 2.4G Remote Control

The remote control requires two AAA batteries (sold separately).

1. Open the battery compartment on the remote control.
2. Insert two AAA batteries, observing correct polarity.
3. Close the battery compartment.
4. To synchronize, ensure the battery grip is powered on and the camera is active. Follow the remote control's specific instructions for pairing, usually involving holding a button on both devices.



Figure 3: The 2.4G remote control in use, demonstrating wireless operation with the battery grip.

Operating Instructions

1. Vertical Shooting

The battery grip provides dedicated controls for comfortable vertical shooting, mirroring the camera's main controls.

- **Vertical Shutter Release Button:** Press to take photos.
- **Vertical Main and Secondary Command Dials:** Adjust camera settings as you would with the camera's built-in dials.
- **Vertical AF ON Button:** Activates autofocus.
- **Vertical Fn Button:** Customizable function button.
- **Vertical Multi-selector:** For menu navigation and selection.



Figure 4: Comparison of horizontal and vertical shooting, highlighting the grip's ergonomic design for vertical orientation.



Figure 5: Detailed view of the battery grip's controls, including the vertical shutter, command dials, and function buttons.

2. Extended Battery Life and Hot-Swap

The grip extends your camera's operating time by utilizing two batteries. The hot-swap feature allows for uninterrupted shooting.

- When two batteries are installed, you can replace one battery without turning off the camera. This is ideal for long shooting sessions.
- The camera will automatically switch to the remaining battery when one is removed or depleted.



Figure 6: The battery grip providing prolonged battery life with two EN-EL15c batteries.

3. Charging Batteries (EN-EL15c only)

Only EN-EL15c batteries can be charged directly within the battery grip using a USB Type-C cable.

1. Connect a USB Type-C cable to the charging interface on the battery grip.
2. Connect the other end of the cable to a suitable USB power source (e.g., wall adapter, power bank).
3. The charging indicator (if present) will show the charging status.
4. **Note:** EN-EL15a and EN-EL15 batteries cannot be charged inside the battery grip. Use an external charger for these battery types.



Figure 7: Charging EN-EL15c batteries directly through the battery grip's USB-C port.

4. Using the 2.4G Remote Control

The remote control offers advanced shooting functions wirelessly.

- **Wireless Range:** Operate up to 40 meters (131 feet) away from the camera.
- **Functions:** Select continuous shooting count, set shooting delay, exposure delay, and intervals for time-lapse photography.
- **LCD Screen:** Provides a clear display of current settings.

Refer to the separate remote control instruction manual for detailed programming and usage.

5. Tripod and Slider Connection

The battery grip features a 1/4-inch tripod socket on its base.

- Attach the grip-mounted camera to any standard tripod, monopod, or camera slider.
- Ensure the connection is secure to prevent accidental detachment.



Figure 8: The battery grip connected to a tripod and a camera slider for stable shooting.

Maintenance

- **Cleaning:** Use the provided cleaning cloth or a soft, dry cloth to wipe the grip. Do not use harsh chemicals or abrasive materials.
- **Storage:** When not in use for extended periods, remove batteries from both the grip and the remote control. Store in a cool, dry place away from direct sunlight.
- **Contacts:** Keep the electrical contacts on the grip and camera clean and free from dust or debris.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Grip not powering camera.	Batteries incorrectly installed or depleted. Poor contact with camera.	Check battery polarity and charge level. Ensure grip is securely attached and contacts are clean.
Remote control not working.	AAA batteries depleted or incorrectly installed. Remote not paired. Out of range.	Replace AAA batteries. Re-pair the remote control with the grip. Ensure you are within 40m range.
Hot-swap not functioning.	Only one battery installed.	Ensure two batteries are installed in the grip for hot-swap functionality.
EN-EL15a/EN-EL15 batteries not charging in grip.	This is expected behavior.	Only EN-EL15c batteries can be charged in the grip. Use an external charger for other EN-EL15 variants.

Specifications

Model	MB-N12
Compatibility	Nikon Z8 Camera
Battery Type	EN-EL15c, EN-EL15b, EN-EL15a, EN-EL15 (1 or 2 batteries)
Charging (in-grip)	USB Type-C (for EN-EL15c only)
Remote Control	2.4G Wireless, up to 40m (131ft) range
Remote Battery	2 x AAA batteries (not included)
Tripod Mount	1/4-inch thread
Material	Plastic
Product Dimensions (L x W x H)	7.62 x 11.8 x 7.62 cm (3 x 4.6 x 3 inches)
Item Weight	Approx. 370g (13.05 oz) (without batteries)
Item Number	10103325

Warranty and Support

NEEWER products come with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official NEEWER website.
For technical support, troubleshooting assistance, or replacement parts, please contact NEEWER customer service through their official website or the contact information provided in your product packaging.
Official Website: www.neewer.com

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