

MEKE MK-D300

Meike MK-D300 Battery Grip Instruction Manual

For Nikon D300, D300s, and D700 Cameras

INTRODUCTION

The Meike MK-D300 Multi-Power Battery Grip is designed to enhance the functionality and ergonomics of your Nikon D300, D300s, or D700 camera. This grip accommodates two rechargeable EN-EL3e lithium-ion batteries, effectively doubling the camera's operating time. Additionally, it includes an AA battery holder, providing an alternative power source using six AA-sized batteries (alkaline, nickel-metal hydride, or lithium) as a backup. The MK-D300 Battery Grip integrates essential camera controls, including an AF-ON button, a vertical shutter release, a lock function, and front and rear control dials, offering improved handling and stability, especially for vertical shooting.

PACKAGE CONTENTS

- Meike MK-D300 Battery Grip
- Holder for 1-2 EN-EL3e batteries
- Holder for 6 AA batteries
- Protective cap
- Instruction manual (this document)

SETUP

1. Installing Batteries

The MK-D300 Battery Grip supports two types of battery configurations:

Using EN-EL3e Lithium-Ion Batteries:

1. Ensure the camera is powered off.
2. Open the battery compartment cover on the grip.
3. Insert one or two fully charged EN-EL3e batteries into the designated holder, ensuring correct polarity.
4. Close the battery compartment cover securely.

Using AA Batteries:

1. Ensure the camera is powered off.
2. Open the battery compartment cover on the grip.
3. Insert six AA-sized batteries (alkaline, Ni-MH, or lithium) into the AA battery holder, observing correct polarity.
4. Place the loaded AA battery holder into the grip.
5. Close the battery compartment cover securely.

2. Attaching the Battery Grip to the Camera

1. Ensure the camera is powered off and remove the camera's internal battery if present.
2. Remove the battery compartment cover from the bottom of your Nikon D300, D300s, or D700 camera. Store this cover in a safe place.
3. Align the mounting screw of the battery grip with the tripod socket on the bottom of your camera.
4. Gently slide the grip onto the camera, ensuring the electrical contacts align properly.
5. Rotate the attachment wheel on the grip clockwise until it is firmly secured to the camera. Do not overtighten.
6. Power on your camera. The camera should now recognize the battery grip and its installed batteries.



Image: The Meike MK-D300 Battery Grip securely attached to a compatible Nikon DSLR camera, illustrating its ergonomic design and integrated controls for vertical shooting.

OPERATING THE BATTERY GRIP

Once attached, the Meike MK-D300 Battery Grip provides additional controls for comfortable vertical shooting and extended battery life.

- **Vertical Shutter Release:** The grip features a dedicated shutter release button for vertical orientation. This allows for a more natural and stable grip when shooting portraits or other vertical compositions. Press halfway to focus, fully to release the shutter.
- **AF-ON Button:** An AF-ON button is integrated into the grip, mirroring the camera's function for autofocus activation.
- **Front and Rear Control Dials:** The grip includes front and rear control dials, providing convenient access to camera settings (e.g., aperture, shutter speed) while holding the camera vertically.

- **Lock Function:** A lock switch is present on the grip to prevent accidental activation of the vertical controls. Ensure this switch is in the "ON" position for controls to function.
- **Extended Shooting Time:** With two EN-EL3e batteries or six AA batteries, the grip significantly extends the camera's operational time, reducing the need for frequent battery changes during prolonged shoots.
- **Improved Ergonomics:** The added weight and size of the grip can improve camera balance, especially with larger lenses, and provide a more secure hold.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the battery grip. Avoid using harsh chemicals or abrasive materials.
- **Contacts:** Periodically inspect the electrical contacts on both the grip and your camera for dust or debris. Clean gently with a dry cotton swab if necessary.
- **Storage:** When not in use for extended periods, remove batteries from the grip and store the grip in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Follow the manufacturer's guidelines for charging and storing your EN-EL3e and AA batteries.

TROUBLESHOOTING

- **Grip not powering camera:**
 - Ensure batteries are fully charged and inserted with correct polarity.
 - Check that the grip is securely attached to the camera and the attachment wheel is tightened.
 - Verify that the camera's internal battery compartment cover has been removed.
 - Clean the electrical contacts on both the grip and the camera.
- **Vertical controls not responding:**
 - Check the lock switch on the grip; ensure it is in the "ON" or unlocked position.
 - Ensure the grip is properly connected and recognized by the camera.
- **Camera displays battery error:**
 - Remove and reinsert batteries.
 - Try using different, fully charged batteries.
 - Ensure you are using compatible battery types (EN-EL3e or specified AA types).

SPECIFICATIONS

Model:	MK-D300
Compatibility:	Nikon D300, Nikon D300s, Nikon D700
Power Source:	1 or 2 EN-EL3e Lithium-Ion batteries, OR 6 AA batteries (Alkaline, Ni-MH, Lithium)
Dimensions:	15.6 x 12.6 x 8 cm (6.14 x 4.96 x 3.15 inches)
Weight:	280 grams (0.62 lbs)
Manufacturer:	Mcoplus

WARRANTY AND SUPPORT

For specific warranty information regarding your Meike MK-D300 Battery Grip, please refer to the documentation provided at the time of purchase or contact your retailer. Warranty terms may vary by region and seller.

For technical support or further assistance, please visit the official Meike website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question