



GREEN  
EXTREME™

Vertical

# Battery Grip

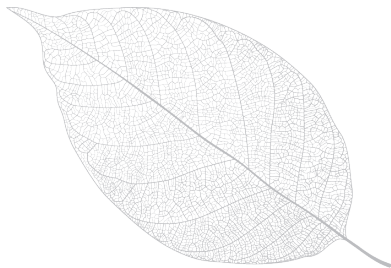
GXBGMBD12  
for Nikon D810/D800/800E  
MB-D12 Replacement  
Manual

## Thank You for Choosing Green Extreme

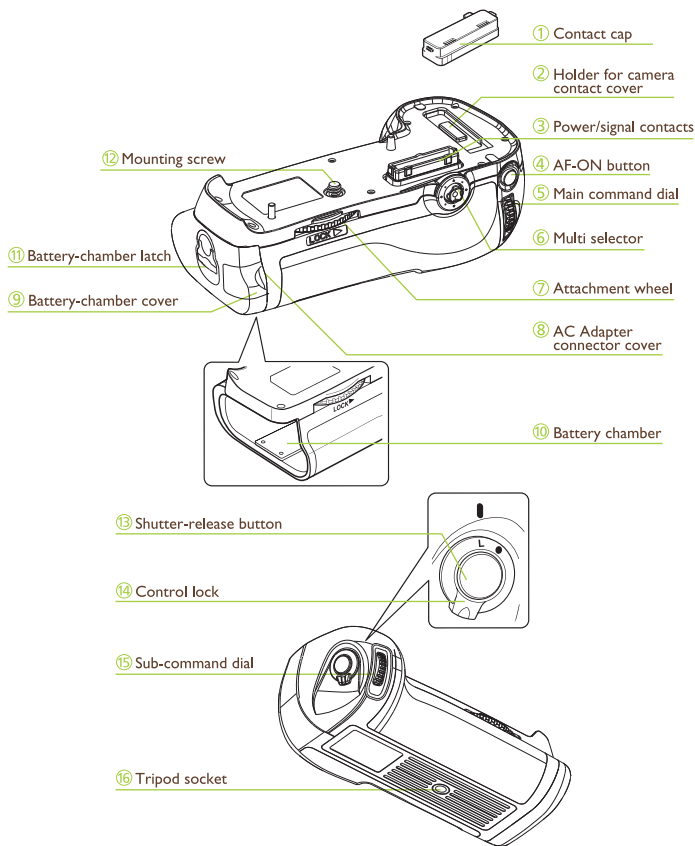
The Green Extreme MB-D12 multi-power battery pack can be used for the Nikon D800, D800E & D810E and with all Nikon single-lens reflex digital cameras that list the MB-D12 as a compatible accessory in the camera manual. The MB-D12 takes one EN-EL15 or EN-EL18 rechargeable battery or eight AA batteries (alkaline, Ni-MH, or lithium) and includes an alternate shutter-release button, AF-ON button, multi selector, and main and sub-command dials for taking pictures in portrait orientation. Camera menu options allow the user to choose whether the camera battery or the batteries in the MB-D12 are used first; see the camera manual for details.

Enjoy the many benefits that a battery grip offers, extend your shooting time and have more control and comfort when shooting in portrait orientation.

Please read the manual before using this product. Please keep it properly for convenient access. Please use the product only after you fully understand how to use.

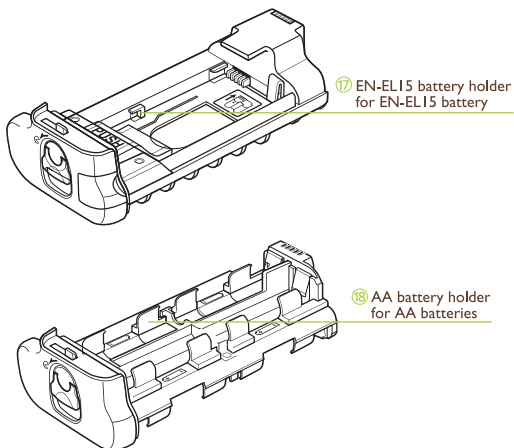


# Part Names

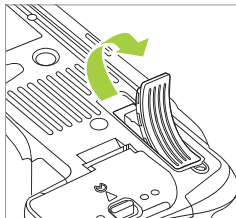
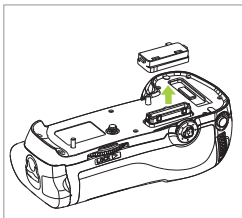
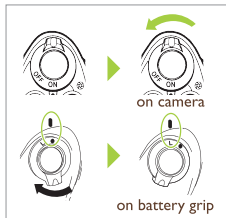


The MB-D12 Shutter-Release Button, Multi Selector, Command Dials, and AF-ON Button. The MB-D12 is equipped with a shutter-release button (Figure 13), multi selector (Figure 6), main command dial (Figure 5), sub-command dial (Figure 15), and AF-ON button (Figure 4) for use when taking photographs in vertical (“tall”, or portrait) orientation. These controls perform the same functions as the corresponding controls on the camera. See the camera manual for more information.

Changes to Multi selector center button, Multi selector, Customize command dials, and Assign MB-D12 AF-ON in the camera Custom Settings menu (Group f) also apply to the multi selector, command dials, and AF-ON button on the MB-D12.



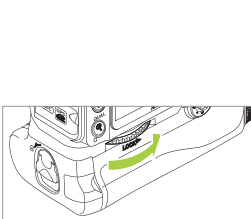
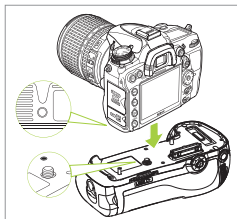
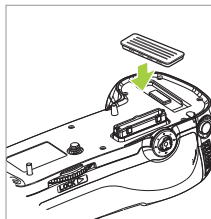
## Attaching to the Camera



1. Please turn off the camera and ensure that the Control Lock on the grip is in the "L" position before attaching.

2. Remove the contact cap from the battery grip.

3. The contacts for the grip are on the bottom of the camera where they are protected by a contact cover. Remove the contact cover before mounting the grip.

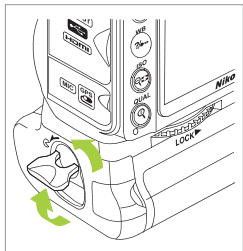


4. To prevent loss, place the camera contact cover in the contact cover holder on the grip.

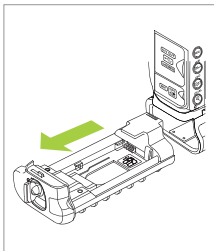
5. Align the attachment screw with the camera's tripod socket.

6. Turn the attachment wheel to tighten securely in the direction of the arrow. If there is some space left, please remove and reattach the battery grip.

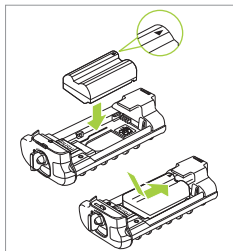
# Install Batteries



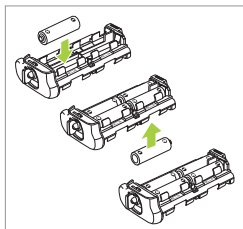
1. Ensure that the power is turned off on the camera and the Control Lock on the grip is in the "L" position. Turn the battery-chamber latch counter-clockwise to open the battery chamber door.



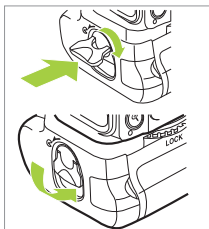
2. Remove the battery holder from the grip. The EN-EL15 battery holder comes pre-installed when shipped.



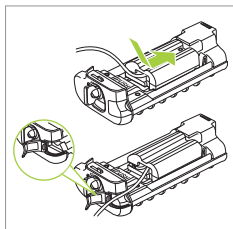
3. For EN-EL15 Li-ion Batteries: Matching the indentations on the battery with the EN-EL15 holder, press the battery down and slide it in the direction of the arrow until the power terminals click into place.



4. For AA Batteries: Place eight AA batteries of the same type in the AA battery holder, while ensuring that they are in the correct orientation. Mixing old and new batteries may cause accident.



5. Insert the battery holder into the grip. Close the battery chamber and then turn the latch clockwise to lock. Turn on the camera and switch the control lock to be on "•" position, and then check the battery level in the control panel or viewfinder.











6. To use the DC coupler (sold separately), insert the adapter into the EN-EL15 battery holder in the same manner as a regular battery. Open the latch and pass the cable through.






## Battery Level

The camera displays battery level as follows:

### EN-EL15/EN-EL18

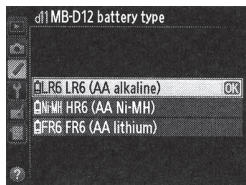
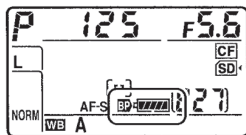
Control panel	Viewfinder	Description
	-----	Battery fully charged.
	-----	Battery partially discharged.
		
		
		Low battery. Ready fully-charged spare battery or charge battery.
 (blinks)	 (blinks)	Battery exhausted. Charge or exchange battery.




### AA Batteries

Control panel	Viewfinder	Description
	-----	Charge remaining.
		Low batteries. Ready spare batteries.
 (blinks)	 (blinks)	Batteries exhausted. Shutter release disabled.

An option in Group d of the camera Custom Set-tings menu can be used to change the order in which the batteries are used. When the camera is drawing power from the MB-D12, a **BP** icon is displayed in the control panel. If the **BP** icon blinks, the battery-chamber cover is not locked. Close and latch the battery-chamloer cover.

To ensure that the camera shows the cor-rect battery level when AA batteries are use,choose the appropriate option for MB-D12 bat-tery type in the camera Custom Settings menu (Group d). If the correct option is not selected, the camera may fail to function as expected.



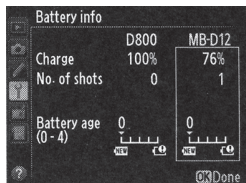
Option		Battery type
	LR6 LR6 (AA alkaline)	AA alkaline (LR6)
	Ni-MH HR6 (AA Ni-MH)	AA Ni-MH (HR6)
	FR6 FR6 (AA lithium)	AA lithium (FR6)

Remove the batteries when the MB-D12 is not in use.

## Battery Info

Battery information(including calibration information for EN-EL18 batteries) can be viewed from the camera setup menu(the camera bat-tery is listed on the left, the MB-D12 On the right). Only the battery level icon is shown when AA batteries are used. See the camera manual for details.


**Note:** The illustrations on this page are from the D800.





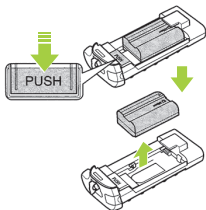
## Removing Batteries

Be careful not to drop batteries or the holder.

1. Turn the MB-D12 battery-chamber latch to  and remove the battery holder (Figure E).
2. Remove the battery or batteries from the holder.


### EN-EL15

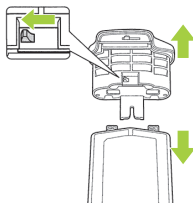
While pressing the holder **PUSH** button, slide the battery toward the button. The battery can then be removed as shown.



The procedure for removing the EP-5B power connector is the same as that for the EN-EL15.

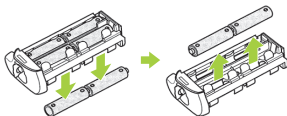
### EN-EL18A

Slide the battery release in the direction indicated by the arrow () and remove the battery-chamber cover.



### AA Batteries

Remove the batteries as shown. Be careful not to drop the batteries when removing them from the holder.



## Specification

Model	GXBGMBD12
Fits Cameras	Nikon D800, D800E & D810E
Power source	One EN-EL15 or EN-EL18 rechargeable Li-ion battery, eight LR6 alkaline, HR6 Nli-MH, or FR6 lithium AA batteries, or EH-5b/EH-5a/EH-5 AC adapter (requires EP-5B power connector)
Operating temperature	0° - 40°C (32-104°F)
Dimensions (W×H×D)	150.7 × 81× 50.3 mm
Weight	290g

- Specifications and design are subject to change without notice.

### EN-EL15 and EN-EL18 Batteries

The performance of EN-EL15 and EN-EL18 batteries drops at temperatures below about 10°C(50°F). Be sure the battery is fully charged and keep a warm spare battery on hand ready to exchange as necessary. Cold batteries will recover some of their charge when warmed.

### AA Batteries

Due to their limited capacity, AA LR6 alkaline batteries should be used only when no other alternative is available.

The capacity of AA batteries varies with make and storage conditions and may in some instances be extremely low; in some cases, AA batteries may cease to function before their expiry date. Note that the capacity of AA batteries may drop at temperatures below 20°C(68°F). Use is not recommended at low temperatures.

### Frame Advance Rate

EN-EL18 and AA batteries support higher frame advance rates than the EN-EL15; note, however, that in the case of AA batteries the frame advance rate will drop at low temperatures or if the batteries are low. For more information on frame advance rates, see the camera manual.

- Please install the grip without batteries to the camera. If the grip with batteries is installed to the camera, it is possible that the test result of battery power is not correct.
- Before installing to or removing from the camera, do turn off the camera and remove the batteries. After removing the grip, please install protective cap for electrical contacts.
- Replace the battery cover, with 90 ° or more will install to the battery cover.
- When the power switch of the camera is “ON”, please don’t connect/disconnect the power cord.
- Please don’t have the DC connector wire caught between the grip and the battery holder.

## The Use of Grip

- Turn on the vertical shooting switch (figure 4) so as to make the function of the grip button and the dial the same as that of the corresponding parts of the camera.
- In horizontal shooting, please turn off the vertical shooting switch in case of using buttons or dial on the grip.
- Battery power can be checked from the camera.
- The waist strap is good for holding it tight.

## Safety Precautions

The following precautions are to prevent potential danger or loss.  
Please read them carefully and use this product correctly and safely.

**WARNING:** Failure to comply could result in death or serious injury.

1. Do not conduct the following operations, as they may cause fire, fever, fluid leakage or rupture.
  - Use other batteries, power supplies, accessories, deformed or modified batteries.
  - Short-circuit, disassemble, deform, heat, weld the battery, put it into fire or water or apply strong impact.
  - Reverse the positive and negative. Insert new battery with used ones or a different type.
  - Insert metal objects into the contacts point.
2. When fluid leaks, changes color, deforms, smokes, gives off a burning smell or other abnormal situation appears, please pay close attention and promptly remove the battery. If you continue to use the battery, it may cause fire, electric shock or burn.
3. When you don't use the camera, remove and store the battery. Otherwise, it may cause electric shock, fever or fire.
4. Do not use it in a flammable gas environment. Otherwise, it may cause explosion or fire.
5. When the inside device exposed after being dropped, do not touch the exposed parts. Otherwise, it may cause electric shock.
6. Do not disassemble or modify. The inside high voltage parts may cause electric shock.
7. Do not store it in wet or dusty place. Otherwise, it may cause fire or electric shock.
8. When use it on plane or in hospitals, please observe the corresponding instructions.  
This device emits electromagnetic wave and may affect measuring or medical equipment.

# One Year Limited Warranty

Green Extreme warrants to the original purchaser that your Green Extreme product shall be free from defects in material and workmanship for the period of one(1) years from the date of purchase (or delivery as may be required in certain jurisdictions), or thirty(30) days after replacement, whichever comes later.

Green Extreme's entire liability and your exclusive remedy for any breach of warranty shall be, at Green Extreme's option, to repair or replace the hardware, provided that the hardware is returned to the point of purchase or such other place as Green Extreme may direct with a copy of the sales receipt or dated itemized receipt. Green Extreme may, at its option, replace your product, offer to provide a functionally equivalent product, or repair any product with new, refurbished or used parts as long as such parts are in compliance with the product's technical specifications. Any replacement hardware product will be warranted for the remainder of the original warranty period or thirty(30) days, whichever is longer, or for any additional period of time that may be applicable in your jurisdiction. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover problems or damage resulting from accident, abuse, misapplication, or any unauthorized repair, modification or disassembly, improper operation or maintenance, normal wear and tear, or usage not in accordance with product instructions or connection to improper voltage supply, use of consumables, such as replacement batteries, not supplied by Green Extreme, except where such restriction is prohibited by applicable law.

Except where prohibited by applicable law, this warranty is nontransferable and is limited to the original purchaser and the country in which the product was purchased. This warranty gives you specific legal rights, and you may also have other rights, including a longer warranty duration that may vary under local laws.

To start a warranty claim contact the Green Extreme Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Green Extreme, along with the RMA number and proof of purchase.

## Question about our product line? Need Product Support?

We are proud of our products and celebrate our customers. We are with you from product selection to everyday use. Be secure with your purchase and reach us as you need.

Email us: [brands@adorama.com](mailto:brands@adorama.com) Call: 212-647-9300

Address: Adorama Brands, 42 West 18th Street, New York, NY 10011

You can always contact us at [BRANDS@ADORAMA.COM](mailto:BRANDS@ADORAMA.COM) for personal technical support. Our web site contains a wide range of Support and FAQ pages with valuable technical assistance.

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