
ACCESSORY POWER™

BG-D90 BATTERY GRIP

INSTRUCTION MANUAL

FREE PRODUCT REGISTRATION

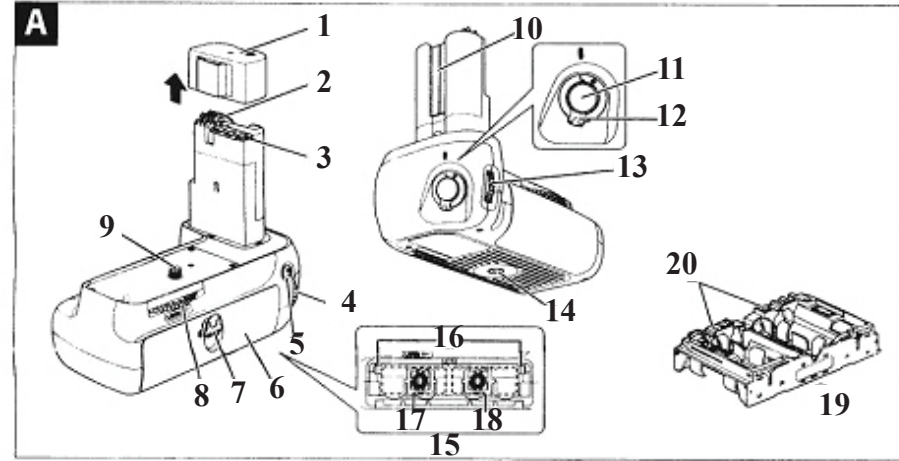
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Product Diagrams and Call Outs Features

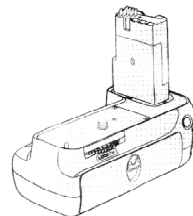


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|--|---|
| 1- Contact Cap | 11- Shutter-Release Button |
| 2- Control Contacts | 12- Control Lock |
| 3- Power Terminals | 13- Sub-Command Dial |
| 4- Main Command Dial | 14- Tripod Socket |
| 5- AE-L/AF-L Button | 15- Battery Chamber |
| 6- Battery Chamber Cover | 16- Battery Locks |
| 7- Battery Chamber Latch | 17- Left Battery Slot |
| 8- Attachment Wheel | 18- Right Battery Slot |
| 9- Mounting screw | 19- AA Battery Magazine |
| 10-Holder for Nikon dSLR
Battery Compartment
Cover | 20- AA Battery Magazine
Metal Contacts |

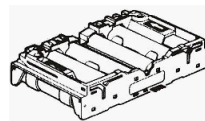
BG-D90 Battery Grip

Thank you for purchasing the Accessory Power BG-D90 Battery Grip for Nikon D80 and D90 dSLR Cameras. This battery grip is uniquely constructed with integrated IR Wireless Shutter Remote and easy to load battery chambers and magazines. This battery grip has been designed to accommodate and exceed the expectations of Professional Photographers and Recreational Enthusiasts alike. Please carefully read this manual before operating your new BG-D90 and keep it in a safe place for future reference. There are many helpful diagrams and troubleshooting instructions to ensure you can use the BG-D90 safely and to its fullest potential for years to come.

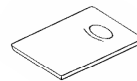
What's in the Box



BG-D90 Battery Grip



AA Battery Magazine



Wireless IR Remote

Quick Start Guide

1- Remove the EN-EL3e battery and battery compartment cover from your Nikon dSLR Camera. Place the detached battery compartment cover in the (10) Holder for Nikon dSLR Battery Compartment Cover, which is located on the neck of BG-D90.

2- Remove the (1) Contact Cap from the metal contacts of the BG-D90. Next, insert the neck of the BG-D90 into your Nikon dSLR Camera's battery compartment.

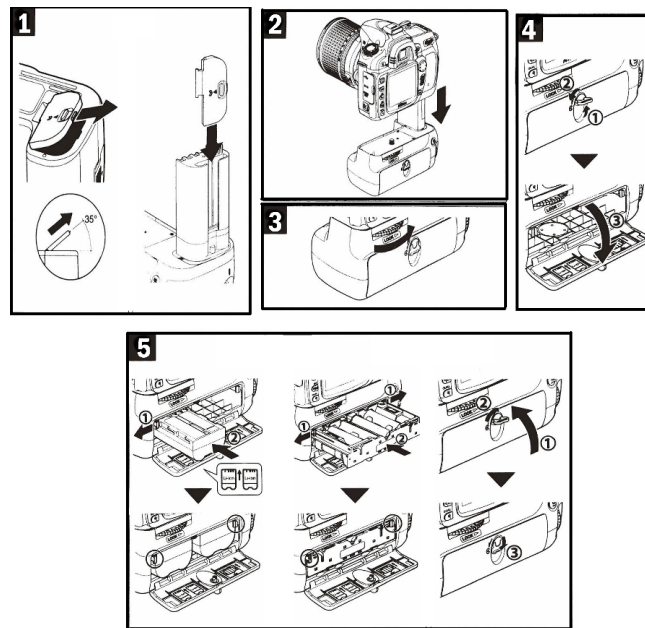
3- Align the (9) Mounting Screw with the tripod socket on the bottom of your Nikon dSLR Camera. Once they are aligned, spin the (8) Attachment Wheel to the right. If you have trouble, please locate the word "LOCK" under the (8) Attachment Wheel. There is an arrow pointing in the correct direction for proper attachment.

4- Locate the (7) Battery Chamber Latch and turn it clockwise. You can then open the (6) Battery Chamber Cover.

5- Insert one or two EN-EL3e Li-Ion battery packs, or a magazine of six AA Batteries. Make sure the (16) Battery Locks are secure and then close the (6) Battery Chamber Cover.

6- On your Nikon dSLR Camera, turn the power ON. The BG-D90 is now providing power to your camera.

7- For vertical shooting, turn the (12) Control Lock to the unlocked position. This will enable vertical controls. Vertical buttons and dials function the same as the OEM controls of your Nikon dSLR Camera.



Operating Instructions

Control Lock

The (12) Control Lock enables and disables the (11) Shutter-Release Button, (5) AE-L/AF-L Button, and (4) Main and (13) Sub-Command Dials on the BG-D90 to prevent unintended use while shooting horizontally. Before using these vertical controls, release the (12) Control Lock. The (12) Control Lock is not a power switch, but only a means of toggling between horizontal and vertical shooting. The BG-D90's functionality and power is in sync with the power switch on your Nikon dSLR Camera. Please use your camera to toggle Power ON and OFF.

Shutter-Release Button and Command Dials

The BG-D90 is equipped with a (11) Shutter-Release Button, (4) Main Command Dial, and (13) Sub-Command Dial for shooting vertically. These controls perform the same functions as the corresponding controls on your Nikon dSLR Camera. Please refer to your Nikon's Guide to Digital Photography for more detailed information.

AE-L/AF-L Button

The BG-D90 is equipped with an alternate (5) AE-L/AF-L Button for shooting vertically. This button performs the same functions as the (5) AE-L/AF-L Button on your Nikon dSLR Camera. Please refer to your Nikon's Guide to Digital Photography for more detailed information.

IR Wireless Remote Control Device

The included Infrared (IR) Wireless Remote Control Device will allow you to wirelessly control the shutter on your Nikon dSLR Camera when the BG-D90 is connected. The range is up to 10 meters, and there must be a clear line of sight between the IR Remote and the BG-D90 to ensure good transmission of the IR signal. This feature is ideal when using in combination with a tripod, or when taking macro shots.

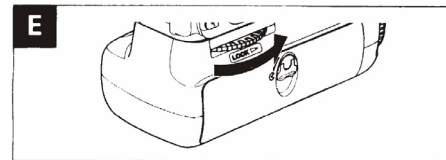
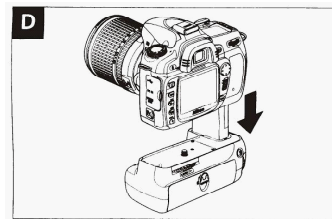
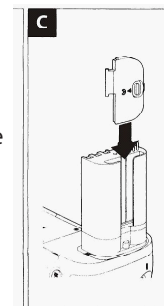
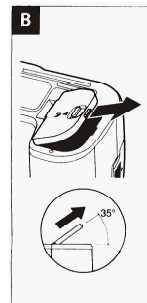
Attaching BG-D90

Before attaching the BG-D90, be sure that your Nikon dSLR Camera power is OFF, and that BG-D90's (12) Control Lock is in the "L" position.

1 - Remove the (1) Contact Cap from the BG-D90. Be sure to replace the cap when the BG-D90 is not in use. The (1) Contact Cap can be threaded onto your camera strap when removed from the BG-D90.

2 - Open your Nikon dSLR Camera's battery-compartment cover. Remove the battery-compartment cover from your camera (See Figure B). On the neck of the BG-D90, locate the slot in which your Nikon dSLR Camera's battery-compartment cover can be placed. (See Figure C). Remove the battery pack if there is one inside your camera.

3 - Slide the neck of the BG-D90 into your Nikon dSLR Camera's battery compartment. (See Figure D) Firmly tighten the (8) Attachment Wheel by rotating it in the direction shown by the LOCK Arrow. (See figure E)



Inserting Batteries

The BG-D90 can be used with one or two EN-EL3e Rechargeable Li-ion batteries or with 6 AA batteries inserted in the (9) AA Battery Magazine. Before inserting batteries, be sure that your camera is OFF and that the BG-D90 (12) Control Lock is in the "L" position.

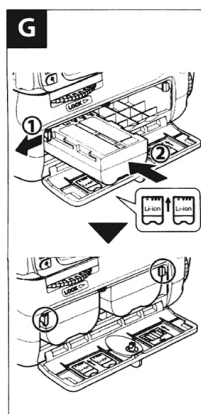
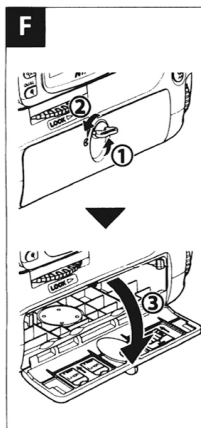
Turn the (7) Battery Chamber Latch on the back of the BG-D90 to the right and open the (6) Battery Chamber Cover (See Figure F).

Insert EN-EL3e batteries directly into the (15) Battery Chamber of the BG-D90. There is a (16) Battery Lock that will slide to the side during insertion, and then pop up to lock the battery in place when fully inserted. If you are inserting only one EN-EL3e battery, you may slide it into either slot of the battery compartment. (See Figure G).

Insert six AA batteries into the (19) AA Battery Magazine(See Figure J).

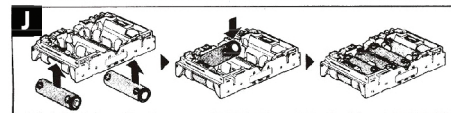
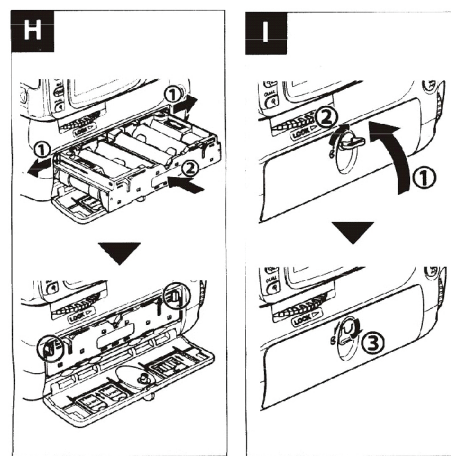
Please be sure that the "+" and "-" are correctly aligned.

Slide the (19) AA Battery Magazine into the (15) Battery Chamber. The (16) Battery Locks will slide aside during insertion, and pop up to lock the battery holder in place when fully inserted.(See Figure H).



Firmly close the (6) Battery-Chamber Cover. Next, turn the (7) Battery Chamber Latch until it is in the full locked position.(See Figure I)

Turn your Nikon dSLR Camera's power ON, and check the battery level in the control panel or viewfinder. If the EN-EL3e batteries are not 100% full, battery levels can be verified with the battery info option in your camera setup menu.



Removing Batteries

To remove the BG-D90, turn your Nikon dSLR Camera's power OFF, and set the (12) Control Lock to the "L" position and then follow the above steps in the reverse order. Be sure to reconnect the Battery Compartment Cover to your Nikon dSLR Camera.

Troubleshooting

If you are having trouble attaching the BG-D90 to your Nikon dSLR Camera, please try the following:

- Make sure that you have completely removed your Nikon dSLR Camera's battery compartment cover. You may refer to your Nikon User's Manual.
- Be sure that you tighten the (9) Mounting Screw on the BG-D90 into the tripod screw hole on the bottom of your Nikon dSLR Camera. You may tighten the connection of BG-D90 and your Nikon Camera by twisting the (8) Attachment Wheel to the right, following the arrow.
- Please make sure that you have removed the EN-EL3e battery pack from your Nikon dSLR Camera's battery compartment.
- Please be sure that you are attempting to connect the BG-D90 with a Nikon D80 or D90 dSLR Camera.

If you are having trouble getting power from the BG-D90, please try the following:

- Verify a proper connection by carefully repeating the instructions for attaching BG-D90 to your Nikon dSLR Camera. Completely remove the BG-D90 from your Nikon dSLR Camera, and then reattach it. Please keep in mind that you must tighten the (8) Attachment Wheel firmly.
- Check to make sure that the batteries have been properly inserted.
- If you are using AA rechargeable batteries, please make sure that all "+" and "-" signs are aligned correctly.
- Make sure that the batteries you've inserted have a charge.
- Double check that the power to your Nikon dSLR Camera is ON. The BG-D90 does not have a power switch, as it has been uniquely integrated with the power function on your camera.

Vertical Shutter Button and other Vertical Functions are not working

Make sure the (12) Control Lock is in the correct position. Refer to the section on "Control Lock" in the beginning of this manual. The vertical control features on the BG-D90 act the same as the OEM buttons on your Nikon dSLR Camera. Please consult your Nikon User's Manual for more details.

Product Specifications

Power Source: One or two EN-EL3e equivalent rechargeable Li-Ion Battery packs ; six Alkaline or Ni-MH Rechargeable AA Batteries

Battery Life: Approximately 2500 Shots with two EN-EL3e Li-Ion Battery Packs; 480 shots with six Ni-MH AA Batteries

Optimum Operating Temperature: 0-+40°C (+32-140°F)

Dimensions: Approximately 138mm x 73.5mm x 110mm / 5.4in x 2.9in x 4.3in

Weight: Approximately 230g(7.4oz), excluding batteries



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WESTLAKE VILLAGE, CALIFORNIA

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