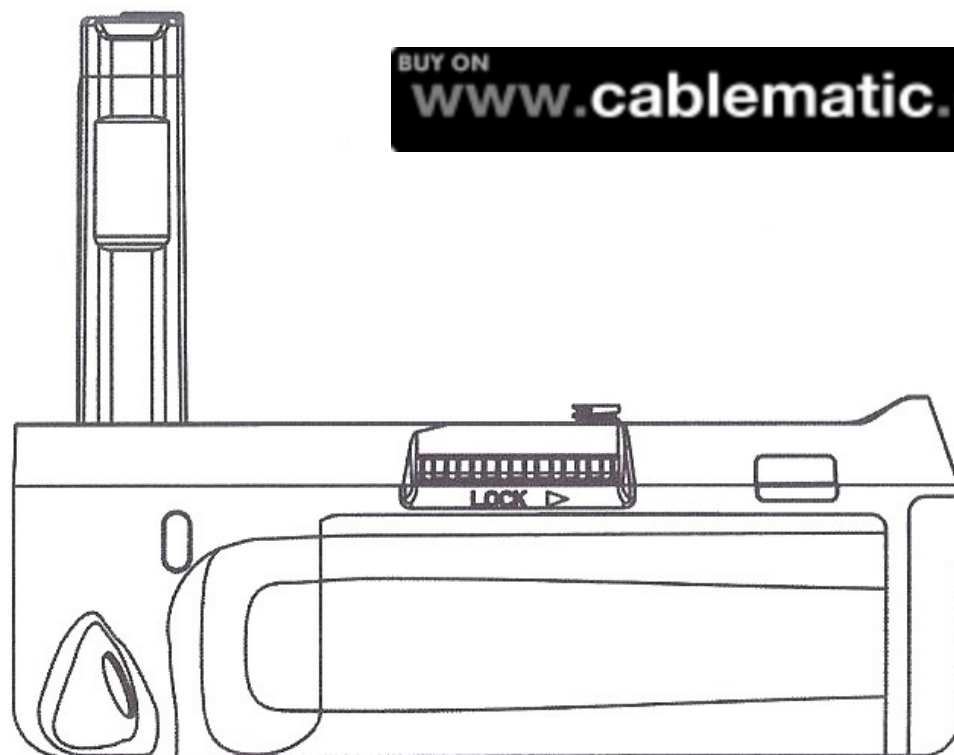


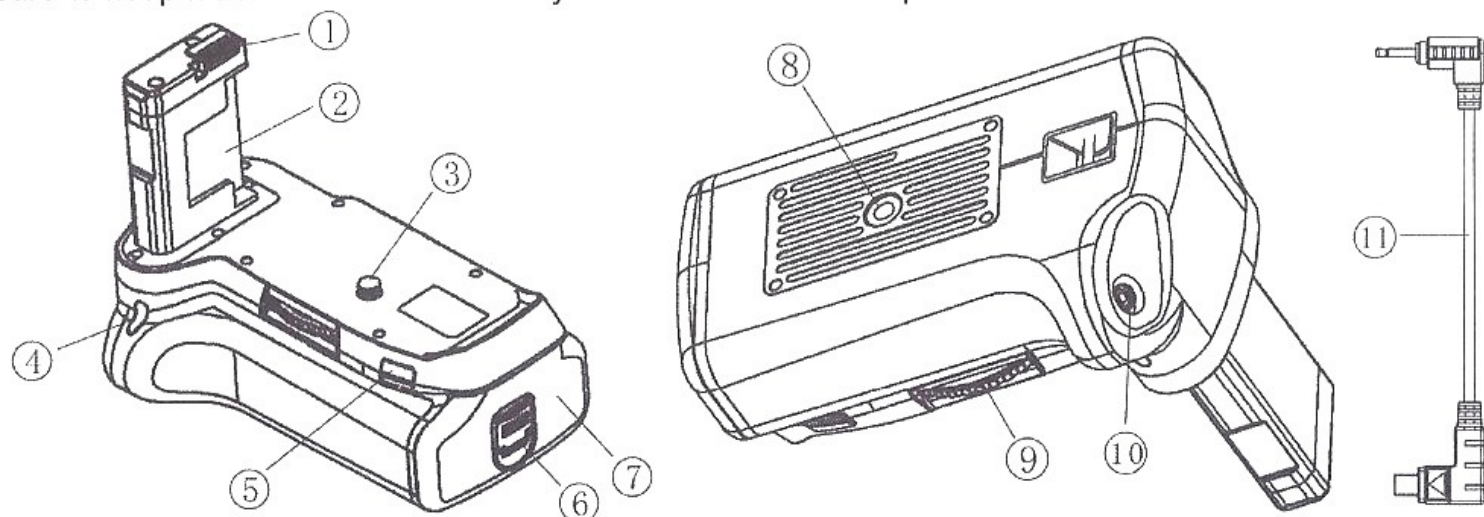
Battery Grip D3100+

Instructions



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Thank you for purchasing Nikon D3100+ standard battery grip, which is used for Nikon D3100/3200 single-lens reflex digital camera. This battery grip can hold two Battery Packs EN-EL14. It features a vertical-grip shutter-release button to enable shooting in the same fashion as a horizontal grip. To ensure proper operation, please read this manual thoroughly before using this product, after reading, be sure to keep it where it can be seen by all those who use the product.



Parts name

① And electrode contacts ② The camera battery warehouse store a cover ③ Connection screw ④ IR reception window ⑤ Connecting a mother ⑥ Battery CangSuo bars ⑦ Battery warehouse ⑧ Tripod nut ⑨ Pull round ⑩ Vertical shooting the shutter button ⑪ Connecting

Installing Battery Grip

1. Be sure that the camera is OFF, slide the camera's chamber cover in 35°C and move it up, then remove the batteries. Please keep the battery chamber cover up to avoid batteries falling off. (Diagram 2)

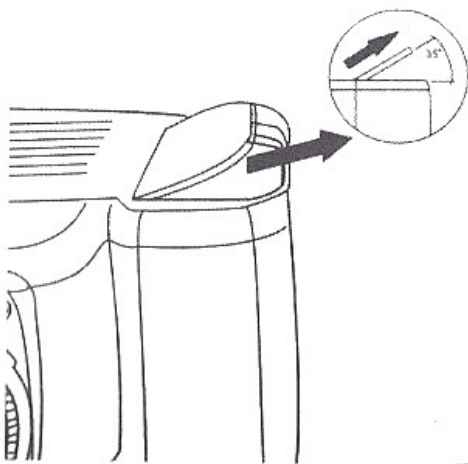


Diagram 2

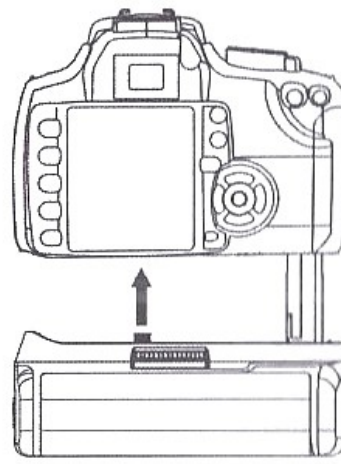


Diagram 3

2.Camera's battery chamber cover can be stored in battery grip's camera the special place as illustrated.

3.Insert the battery grip electrical contacts to camera's battery chamber and align the attachment screw with the camera's tripod socket(Diagram 3),then tighten the attach/detach knob securely(Diagram 4).If there is space left,please re-attach the battery grip.

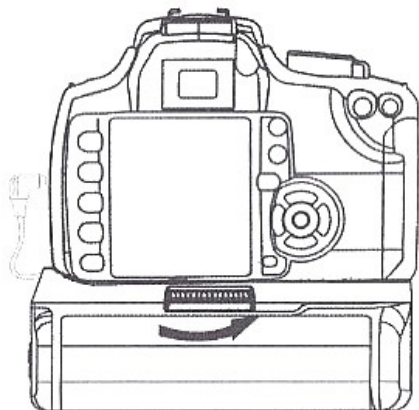


Diagram 4

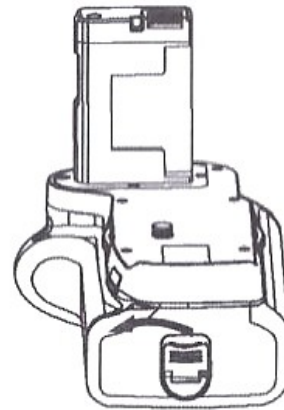


Diagram 5

4.To uninstall the battery grip,reverse the above steps.

5.Connect transmitting-cable to battery grip connector port and camera's shutter port.(Diagram 4)

▲ Installing Battery

Use the EN-EL14 battery packs.

1.Tweak battery chamber latch,open battery Chamber Cover.(Diagram 5)

2.EN-EL14 battery packs

Insert two EN-EL14 battery packs as shown on the inside of the battery chamber cover.(If only one battery is used,it can be inserted into either slot. Diagram 6) and close the battery compartment cover (Diagram 8)

3.After the installation is completed,turn on the camera,and make sure that the camera's LCD displays the information.

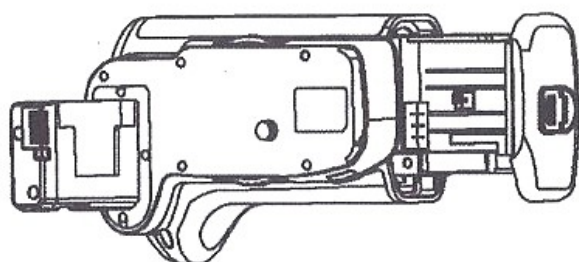


Diagram 6

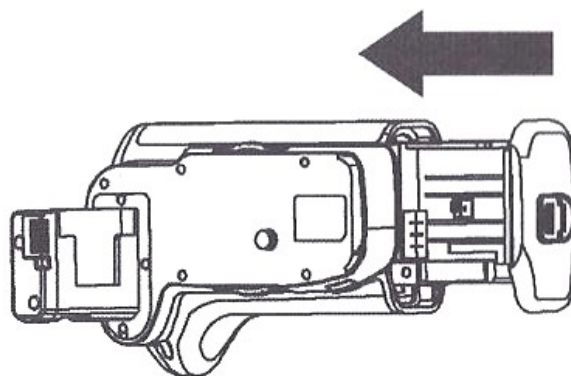


Diagram 7

- If two EN-EL14 battery packs are inserted, power is supplied simultaneously by both of them.
- Two battery packs with different charging levels can be inserted and used without any problems.

▲ Infrared remote control device

The infrared remote control can function the Grip directly within 10 meters.

When inserted into camera, please turn off the grip with IR function to save power if you don't use it.

▲ Using the Vertical-grip shutter

1. Connect transmitting-cable to battery grip connector port and camera's shutter port.
2. Press shutter button or use infrared remote control device for shooting.

▲ Caution

1. The Battery Grip is not waterproof.
2. Never attempt to disassemble or repair the product by yourself or it will beyond the guarantee if any malfunction or accident generated.
3. Make sure that the camera is on OFF when attach the battery grip.
4. Batteries must be in accordance with the directions as show + - in the inside battery magazine when inserting.
5. When the camera is not to be used for a long time, remove the batteries from the battery grip.
6. Do not carry or store the battery grip with batteries installed together with metallic objects.

▲ Using the camera in low temperatures

Batteries are weaken in low temperatures, which may cause malfunction. To avoid this, it is recommended to carry spare batteries. Alternating batteries

Regular alternate-use of the batteries can keep them warm to ensure the smooth operation. Store the camera in a warm place while it is not in used. because the number of the film shooting decrease in low temperature, and battery capacity becomes lower, which can recover when it returns to normal temperature but drastic changes in temperature should be avoided because it can lead to unstable voltage.

▲ Battery's state

Checking the battery's remaining capacity on the camera's LCD panel.

▲ Battery Life

	Temperature	Normal Temperature 20°C/Shooting	Low Temperature 0°C/Shooting
Shooting condition	Two EN-EL14 battery No flash use	Appro.3500	Appro.2000
	Two EN-EL14 battery 50% flash use	Appro.1800	Appro.1500

▲ Specifications

Power sources: 1 or 2 EN-EL14 Battery Packs

Working temperature range: 0°C - +40°C

Working humidity: 85% or less

The file is based on the standard test of the manufacture. We are sorry to that if there are any mistake or misprint in the Instruction. Design and specification are subject to change without notice.