



BG-S1

BATTERY GRIP

Designed for the Sony Alpha
SLT-A77 Camera

 VELLO™

USER'S MANUAL

Introduction

Thank you for choosing Vello and congratulations on your new BG-S1 battery grip purchase. Enjoy the many benefits that a battery grip offers, such as extended shooting time and more control and comfort when shooting in a vertical (portrait) orientation.

The Vello BG-S1 is compatible with the Sony Alpha SLT-A77 DSLR camera. The BG-S1 accepts two Sony NP-FM500H rechargeable batteries. The BG-S1 is equipped with an alternate shutter-release button, AF start button, smart teleconverter/focus magnifier, Fn/image rotation, AEL/slow sync/image index, AF/MF/enlarge, and exposure compensation buttons, a Multi selector, and a main dial for shooting in a vertical position.

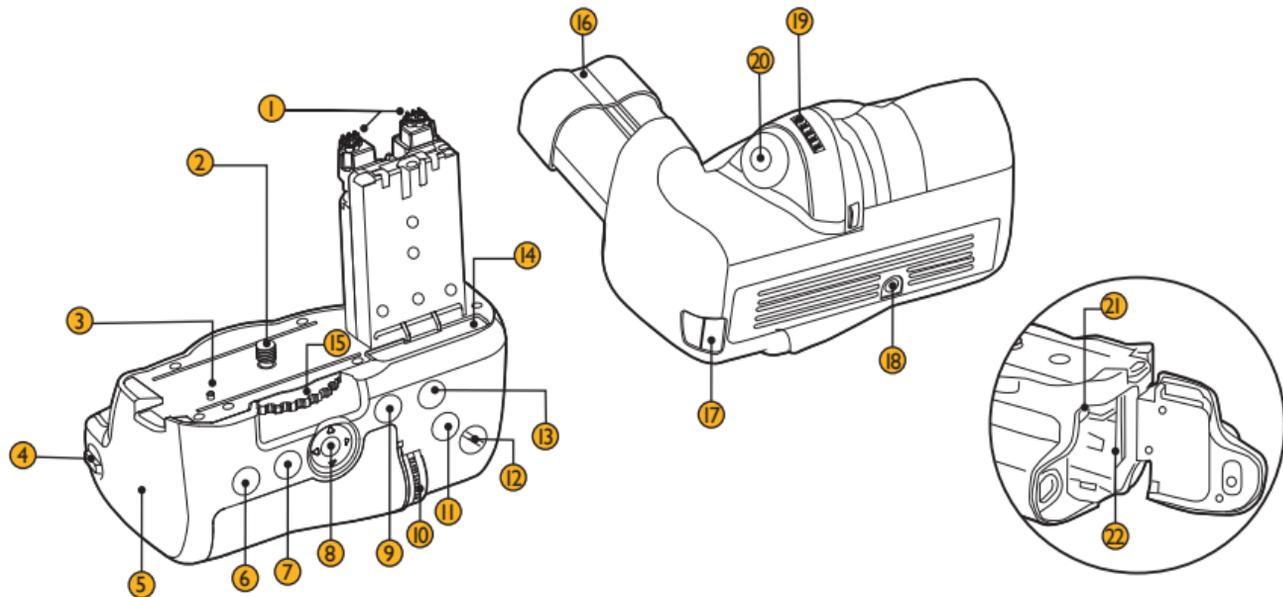
Please read through this entire manual before using the BG-S1 battery grip.



Precautions

- 1.** The BG-S1 should only be used with compatible devices specified in this manual.
- 2.** Only use with batteries and battery holders recommended in this manual.
- 3.** Cover the power terminals with the contact cap when the BG-S1 is not in use. This prevents electrical shorts caused by metal objects touching the power terminals.
- 4.** When the battery holder is removed from the grip, remove the batteries or place the holder in a container to prevent electrical shorts caused by contact with other metal objects.
- 5.** If you notice smoke, an unusual smell or noise from the battery pack, discontinue use immediately.
- 6.** Remove the batteries and take the device to a Vello authorized reseller.
- 6.** Turn the grip power off when not shooting vertically.
- 7.** The battery level may not display properly if batteries are inserted before mounting the grip.
- 8.** Remove batteries from the grip when not in use.
- 9.** Do not attempt to disassemble.
- 10.** Avoid water or extreme humidity and keep in a dry and cool place.
- 11.** Keep out of reach of children.

Overview



① Electrical Contacts

Communicates with the camera electronics.

② Mounting Screw

Aligns with the camera's tripod socket.

③ Guide Pin

Helps align the camera to the grip.

④ Battery Chamber Door Dial

Locks and unlocks the battery compartment door.

⑤ Battery Tray Compartment

Houses the battery tray.

⑥ Smart Teleconverter / Focus Magnifier Button*

⑦ Fn / Image Rotation Button*

⑧ Multi Selector*

⑨ AEL / Slow Sync / Image Index Button*

⑩ Rear Control Dial

⑪ Exposure Compensation Button*

⑫ Grip Power ON / OFF

⑬ AF / MF / Enlarge Button*

⑭ Camera Battery Chamber Cover Slot

⑮ Attachment Wheel

Secures the grip to the camera.

⑯ Contact Cap

Protects grip contacts. Keep covered when the grip is not in use.

⑰ Hand Strap Mount

⑱ Tripod Socket

⑲ Main Dial*

⑳ Shutter-Release Button*

㉑ Battery Tray Release

㉒ Battery Tray

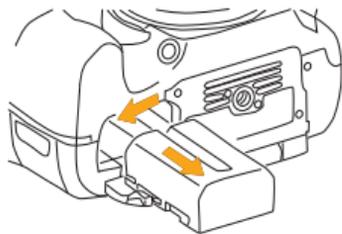
Holds up to two Sony NP-FM500H batteries.

* Performs the same function as on the camera.

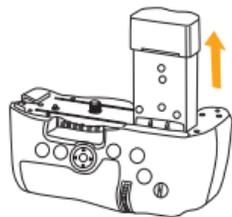
Attaching The Grip



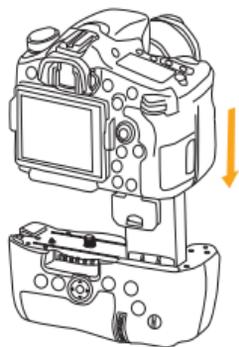
1. Ensure that the power is turned off on the camera and that the power switch is set to OFF on the battery grip.



2. Open the camera battery chamber cover and remove the camera battery.



3. Remove the protective cap from the battery grip.



4. Connect the BG-S1 grip to the camera, while aligning the grip's mounting screw with the camera's tripod socket. Make sure to leave the camera battery chamber cover open, so it will slide into the BG-S1's camera battery chamber cover slot.



5. Rotate the attachment wheel in the direction shown by the arrow until it is firmly tightened.

When removing the grip, turn the camera power off, remove batteries, and replace protective contact cap.

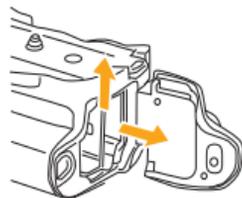
Inserting Batteries



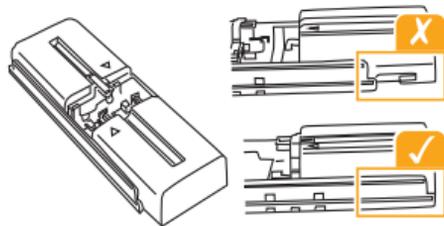
1. Ensure that the power is turned off on the camera and the grip.



2. Rotate the dial on the battery chamber door to OPEN position, and the door will open up.



3. Slide the blue latch in the direction of the arrow to release the battery tray. Remove battery tray from the battery chamber.



4. Insert up to two Sony NP-FM500H batteries by placing them into either slot in the battery tray, while ensuring the correct orientation as shown on the tray.



5. Slide the battery tray into the battery chamber until it locks into place. Close the battery chamber door and lock it by rotating the dial to CLOSE position.



6. Rotate the grip power to ON and then turn on the camera's power. Check the battery level in the control panel or viewfinder.

Specifications

Power Source	One or two Sony NP-FM500H rechargeable batteries
Operating Temperature	32 – 104 °F (0 – 40 °C)
Dimensions	Approximately 5.6 x 5 x 3.5 (142.2 x 127 x 89
Weight	Approximately 9.4 oz (266 g) (excluding battery tray and batteries)

* *Approximate measurements.*

Specifications and design are subject to change without notice.



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