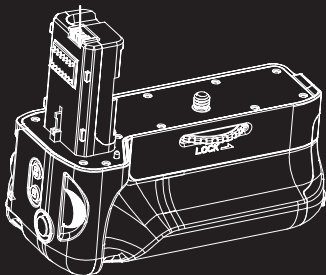


KOAH



MANUAL

**KO-VG-C2EM BATTERY GRIP
FOR SONY A7 II/A7R II**

WELCOME!

Dear Koah™ Customer,

Congratulations on your purchase of the Koah™ Battery Grip for Sony A7 II/A7R II! Follow these instructions carefully to use your battery grip to its full creative potential. Keep the manual in a safe place, and don't hesitate to reach out if there's any way we can help.

We hope you enjoy your new Koah™ Battery Grip!

Sincerely,

The Koah™ Team

KoahPRO.com



@KOAHPRO

For technical assistance and warranty service, please email us at **cs@koahpro.com**.

Power source	NP-FW50 battery
Charge voltage	DC 7.2V-8.4V
Temperature range	32°F to 104°F
Dimensions	5" (W) x 4" (H) x 2.5" (D)
Weight	8.9 oz without battery

Specifications and design are subject to change without notice.

This battery grip is compatible with the Sony a7II, a7RII, and a7SII mirrorless cameras and is designed for use with the NP-FW50 battery. It comes equipped with a vertical shutter release button for shooting in vertical orientation. The main dial allows you to operate in the same way for horizontal shooting.

Sony® is a registered trademark of Sony Corporation. Koah™ is not affiliated with Sony® or any of its subsidiaries.

WARNINGS

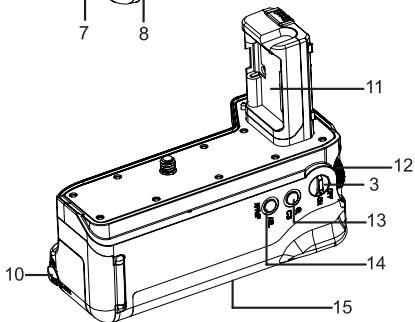
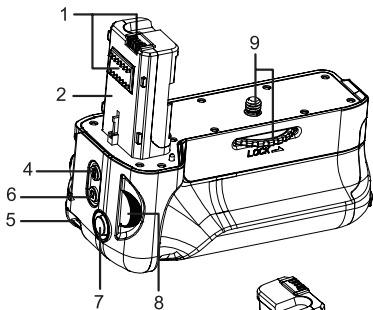
- Only use this unit with the compatible devices and batteries stated in this manual.
- Keep the unit and batteries out of the reach of children.
- The battery level may not display properly if the batteries are inserted before the grip is attached to the camera.
- Because the unit has an electrical contact point with the camera, you should not insert the battery if the unit is not attached to the camera. This could cause damage. Remove the battery from the unit when attaching it to the camera, when detaching it from the camera, or when storing the unit for lengthy periods.
- Do not connect the USB cable to the camera when attaching the unit to the camera or when replacing the battery.
- Remove the batteries and stop using the unit if the product is broken and its insides become exposed or if an odor, heat, or smoke comes from the unit.

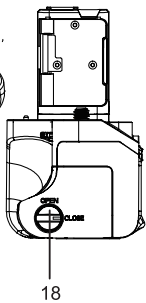
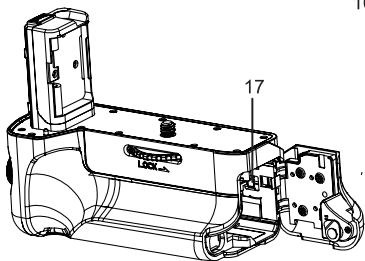
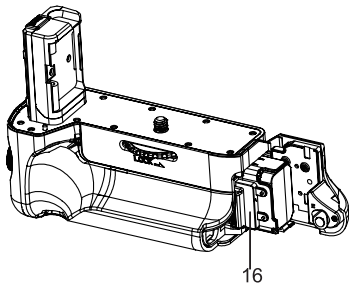
- When disposing of batteries, place tape over the battery contacts to avoid short circuiting. Always dispose of batteries according to local regulations.
- To avoid the risk of shock and voiding the warranty, do not try to disassemble or repair the unit.
- Do not use or store the unit in places that experience excessive vibrations, sand or dust, or electromagnetism. Do not allow the unit to come into contact with water, moisture, or fire. Keep the unit in a cool, dry area.
- Do not use or store the unit in extremely high temperatures or in places where it is exposed to direct sunlight, such as inside hot vehicles. Avoid high humidity environments.
- Do not subject the unit to rapid temperature changes. Doing so can cause condensation to form. For example, if you have been using the unit outdoors in cold temperatures, seal the unit in a plastic bag and remove all air from the bag before bringing it into the warm indoors, and wait until the temperature inside the bag equals the indoor temperature before removing it from the bag.
- Clean the unit with a dry cloth. Do not clean it with detergents or cleaning solvents.

- If you are using the unit with a lens mount adapter, you may not be able to attach a tripod to the lens adapter. Instead, attach the tripod to the unit.
- To avoid damage, do not attach the unit to a tripod using long screws. Only use screws that are no longer than 5.5 millimeters.
- Depending on the positioning of the camera's monitor, interference may occur when using the unit.

PARTS & FEATURES

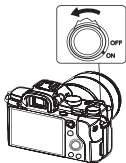
1. Electrical contacts
2. Guide bar
3. On/off switch for grip control
4. Custom button #2
5. Strap hook
6. Custom button #1
7. Shutter button
8. Front control dial
9. Attachment screw
10. Open/close knob for battery chamber
11. Battery cover slot
12. Rear control dial
13. Custom button #3
14. Auto focus/manual focus button
15. Tripod receptacle
16. Battery tray
17. Battery tray stopper
18. Battery detection switch



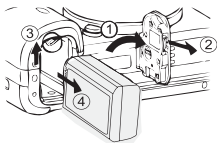


INSTALLING THE BATTERY GRIP

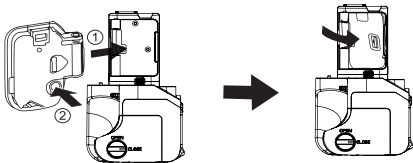
1. Turn the camera power off before installing the battery grip.



2. Open the camera's battery compartment and remove the battery.



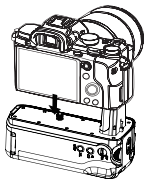
3. Firmly attach the camera battery cover to the battery cover slot.



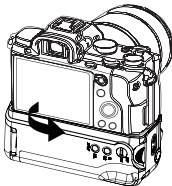
NOTE: When the unit is not in use, attach the battery cover to the camera.

NOTE: If the battery is in the unit, remove it.

4. Align the battery grip's guide bar with the camera's battery insertion slot. Align the battery grip's attachment screw with the camera's tripod hole.

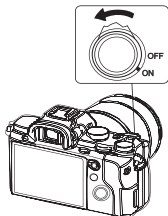


5. Turn the attachment screw to tighten securely. Ensure that all parts are secure, and check the attachment screw during use to be sure that it remains tightened.

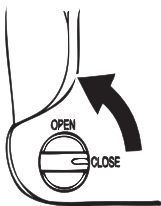


INSERTING THE BATTERY

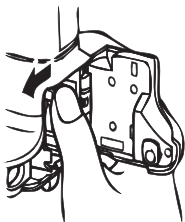
1. When inserting the battery while the battery grip is attached to the camera, turn the camera's power off.



2. Turn the battery chamber knob to the "open" position.

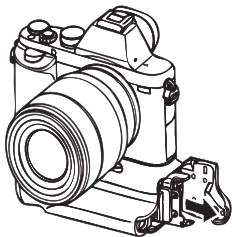


3. Push the battery tray stopper in the direction of the arrow.

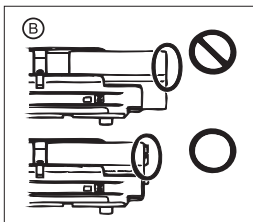
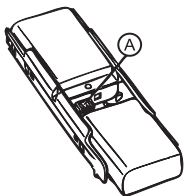


NOTE: The battery tray may pop up when the battery is not inserted. Hold the tray, as shown, and push the tray stopper.

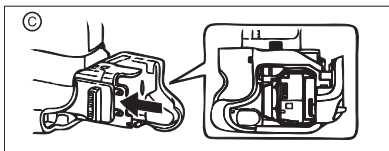
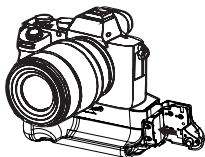
4. Remove the battery tray.



5. Attach the battery to the tray according to the directions on the tray. Attach the battery to either side. Do not touch the terminal of the tray, as shown in (A). Ensure that the battery is firmly secured by the tray, as shown in (B).

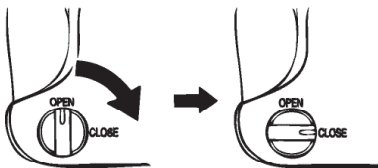


6. Return the tray to its original position by pressing it until it clicks. Ensure that the tray stopper locks the tray. Always insert the tray in a position horizontal to the unit and in the proper direction, as shown in (C).



NOTE: If the tray is forced into the unit at an angle and no battery is installed, damage may occur.

5. Close the battery chamber door and turn the battery chamber knob to the "close" position.

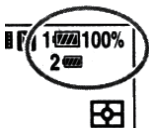


HOW TO SHOOT VERTICALLY

- Operation of the battery grip's dials and buttons is the same as that of the camera's. You can follow the same operating instructions found in the camera's user manual.
- When shooting vertically, set the battery grip's control switch to "No."
- The battery grip's on/off switch enables or disables the functions of the battery grip's dials and buttons. Regardless of this switch's position, the operating buttons on the camera are always enabled.
- Use the camera's power switch to turn the power on or off. The battery grip's on/off switch cannot turn the power on or off.
- The function of the Auto Focus/Manual Focus button and the AE (Auto Exposure) Lock button is synchronized with the camera's settings. Use the Auto Focus/Manual Focus/AE Lock lever to switch between the Auto Focus/Manual Focus function and the AE Lock function.

BATTERY POWER

When you are using two batteries in the battery grip, the camera's monitor displays an image as such:



The battery with the least amount of power will be used first. The remaining level of power will be displayed as a percentage, as shown in the illustration above. As the battery runs out of power, the image displayed on the camera's monitor will change as shown below:



When the first battery runs out, the unit will switch to the other battery automatically.

LENS USE

When using a lens mount adapter to attach the following lenses with the tripod-mounting collar to the camera, rotate the tripod-mounting collar to a position that allows for use of the battery grip. If you use these lenses with a tripod, do not use the tripod receptacle of the battery grip:

- 70-200mm F2.8G
- 70-200mm F2.8G SSM II
- 300mm F2.8G
- 300mm F2.8G SSM II
- 500mm F4 GSS
- 70-400mm F4-5.6G SSM
- 70-400mm F4-5.6G SSM II

When using a lens mount adapter to attach the 70-200mm F2.8G, 70-200mm F2.8G SSM II, or 70-400mm F4-5.6G SSM lens with the tripod-mounting collar to the camera, the following lens switches may not operate when shooting vertically. Before shooting vertically, set them to the horizontal position:

- Focus-mode switch
- DMF-mode switch
- Focus-range limiter

TROUBLESHOOTING

Issue	Solution
<p>Camera does not work even though the battery grip is attached to the camera, the batteries are inserted in the grip, and the camera power is turned on.</p>	<p>Ensure that the battery grip attachment screw is tightened securely.</p>
	<p>Ensure that the batteries are charged.</p>
	<p>Remove the batteries from the battery tray and reinsert them.</p>
	<p>Turn the camera power off, remove the batteries, and reattach the battery grip to the camera.</p>

The shutter button or other buttons are not working.	Ensure that the battery grip's on/off switch is not set to "off."
	Remove the batteries from the battery tray and reinsert them.
	Turn the camera power off, remove the batteries, and reattach the battery grip to the camera.
The message "Lithium Battery Only" is displayed even though a genuine Sony battery is being used.	Remove the batteries from the battery tray and reinsert them.
	Turn the camera power off, remove the batteries, and reattach the battery grip to the camera.

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