



**OSMO-AF-457 Action
Multifunctional Charging
Handle**



dji OSMO-AF-457 Action Multifunctional Charging Handle User Guide

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dji OSMO-AF-457 Action Multifunctional Charging Handle



Product Usage Instructions

- Connect the camera to the charger via the USB-C port. Monitor the status LEDs to determine the battery level during charging.
- Open the USB-C protective cover on the back of the handle.
- Connect the handle to the charger via the USB-C port.
- The status LEDs will indicate the battery level during charging, with all LEDs on when fully charged.
- The product supports connecting to a 3.5mm three-stage microphone through the 3.5mm TRS Mic input port on the back.
- Ensure to follow guidelines to extend the battery life and maintain product performance.
- Press and hold the power button to check the battery level indicated by the status LEDs. Different blinking patterns represent various battery levels.

FAQ

- **Q:** What should I do if all LEDs flash simultaneously?
- **A:** If all LEDs flash at a frequency of 3 times per second, it indicates a high-temperature or low-temperature environment. Wait for normal temperature before use.

Introduction

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Searching for Keywords

- Search for keywords such as “battery” and “install” to find a topic.
- If you are using Adobe Acrobat Reader to read this document, press Ctrl+F on Windows or Command+F on

Mac to begin a search.

Navigating to a Topic

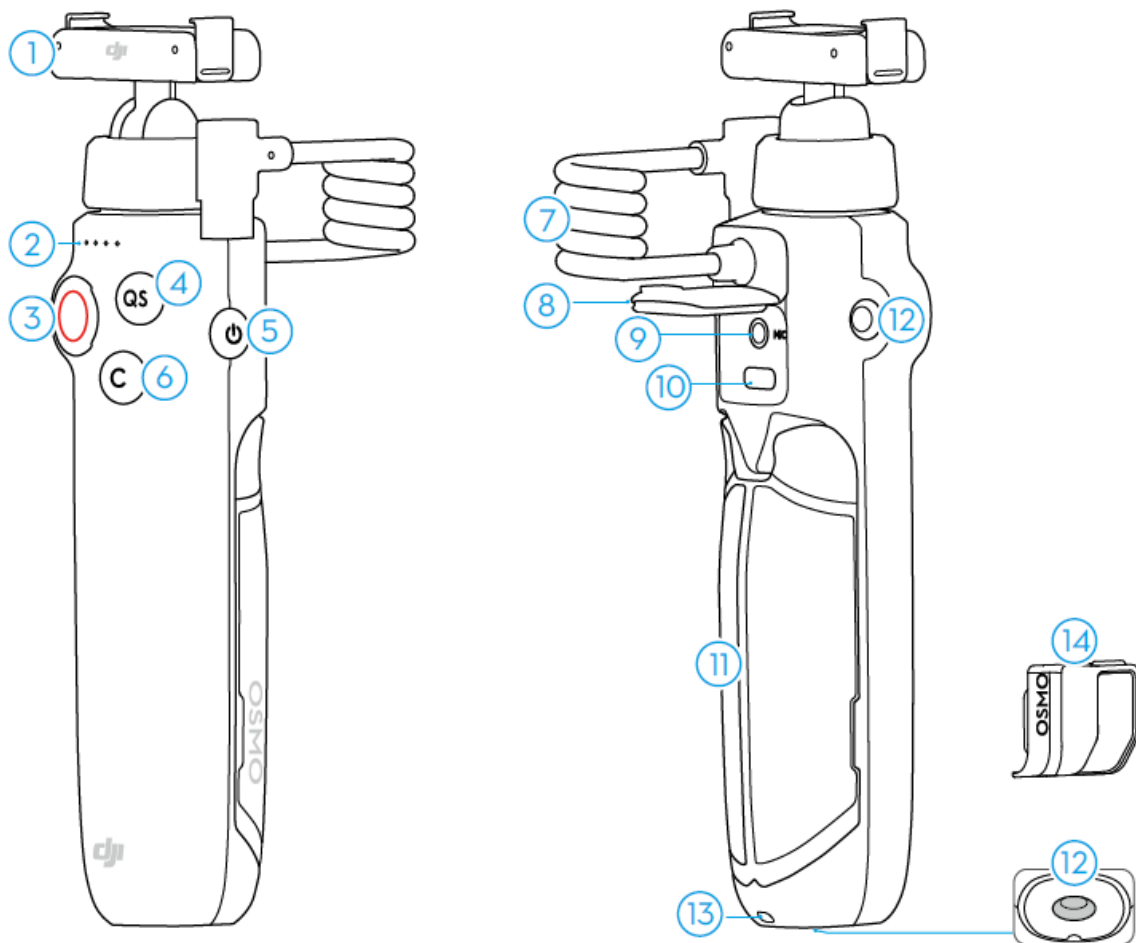
- View a complete list of topics in the table of contents.
- Click on a topic to navigate to that section.

Printing this Document

- This document supports high-resolution printing.

Product Profile

Overview



1. Magnetic Ball-Joint Quick-Release Adapter Mount
2. Status LED
3. Shutter/Record Button
4. Quick Switch Button
5. Power Button
6. C Button
7. USB-C Connector
8. USB-C Port Protective Cover

9. 3.5mm TRS Microphone Input
10. USB-C Charging Port
11. Foldable Tripod
12. 1/4" Thread Hole
13. Lanyard Hole
14. Charging Port Protector

Button Features

Power Button



- Press and hold: Power on/off the charging handle.

Quick Switch Button

When the charging handle is connected to the camera, the following operations can be performed:



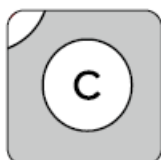
- Press and hold: Power off the camera.
- Press once: Power on the camera or switch between shooting modes.

Shutter/Record Button



- Press once: Take a photo or start/stop recording. When the camera is in sleep mode, press once to start SnapShot. Note that the shutter/record button can be used to control the camera only when the charging handle is connected to the camera.

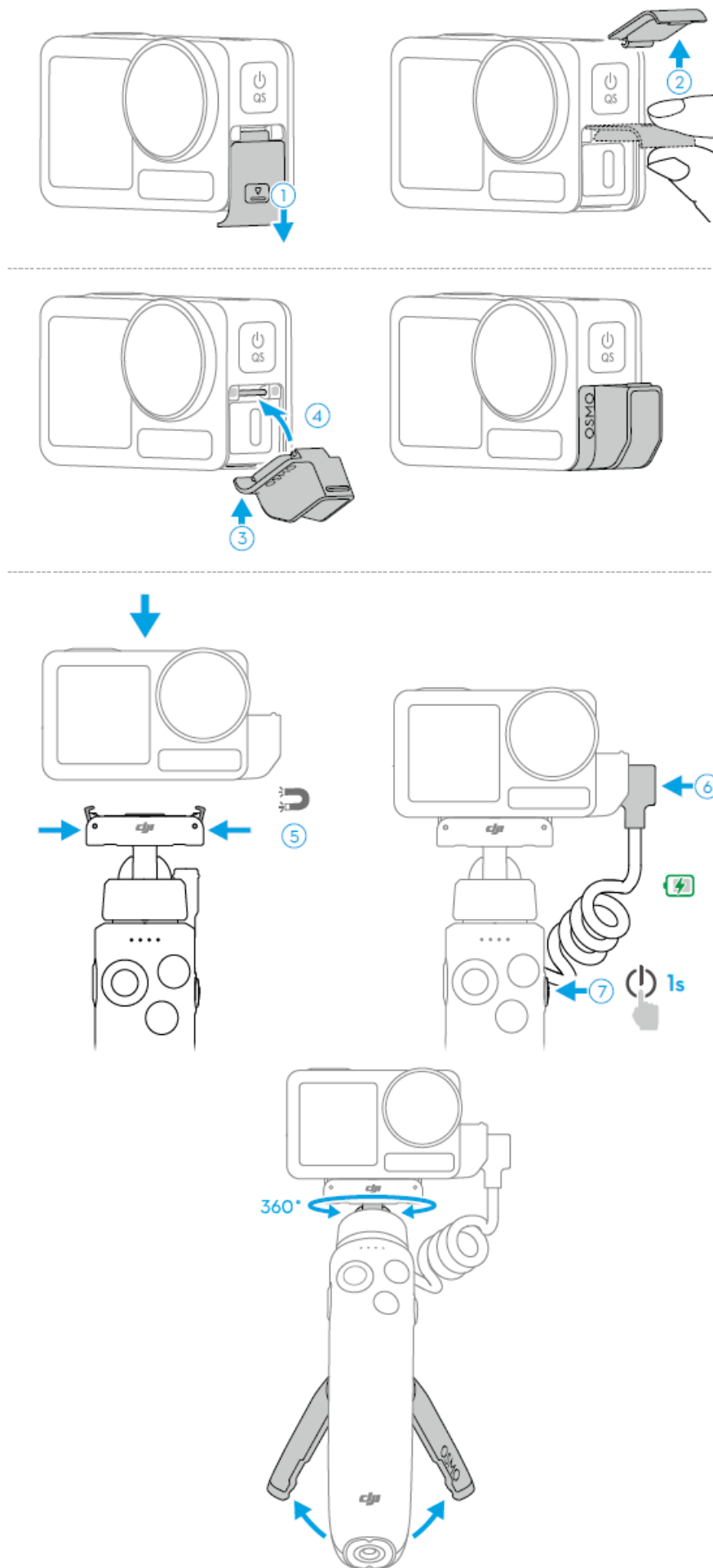
C Button



- Press once: Switch the front and back touchscreen when using a single screen preview.

Using the Product

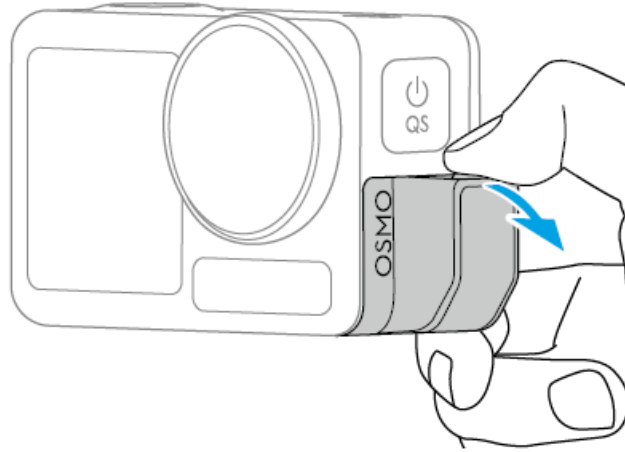
Charging the Camera



- The camera can only be charged after the charging handle is powered on.
- The charging handle will automatically shut down within 1 minute when the charging handle is not connected to

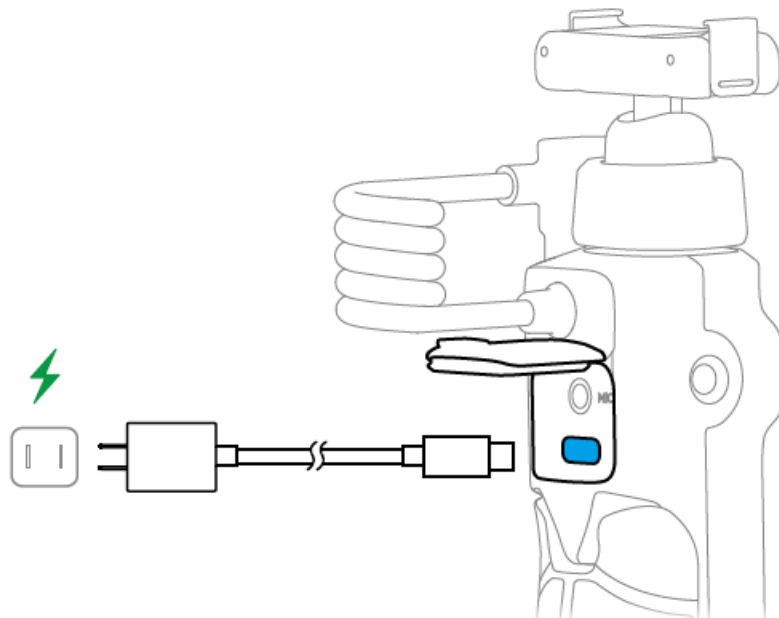
the camera and is not being charged.

- Press down on the camera until the clips of the magnetic ball-joint quick-release adapter mount are firmly inserted into the quick-release slots on the camera.
- Connect the USB-C connector of the charging handle to the USB-C port of the camera.
- When detaching, remove the USB-C connector of the charging handle, then gently press and remove the charging port protector as shown in the diagram.



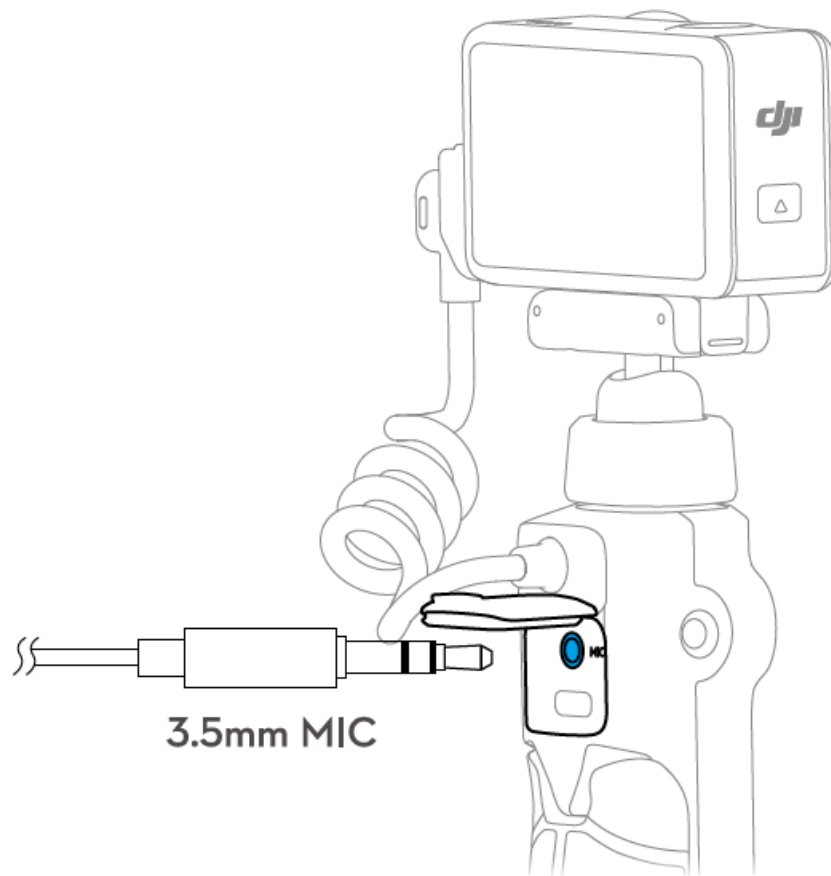
Charging the Charging Handle

- Open the USB-C protective cover on the back of the product, and connect the product to the charger via the USB-C port.
- The status LEDs will flash and display the battery level during the charging process.
- Once the battery is fully charged, all the status LEDs will be on.



Microphone Connection

- The 3.5mm TRS Mic input port on the back of the product supports connecting to a 3.5mm three-stage microphone.



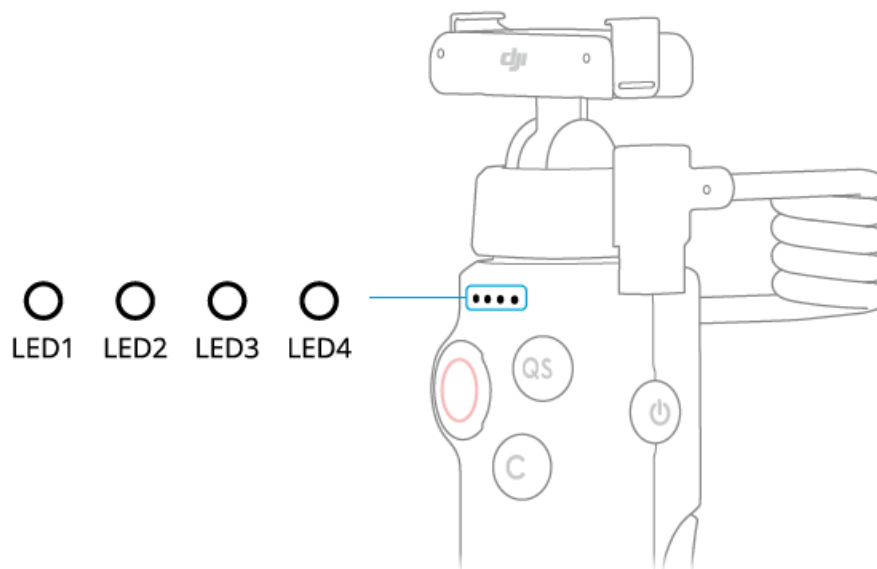
- Headphones with a 3.5mm plug are not supported.
- Make sure that the charging handle has power when connecting to a microphone.

Warnings




- The product is not waterproof. DO NOT place it in water. Use the charging port protector, and make sure the USB-C port on the back of the product is firmly closed.
- Make sure the battery handle is properly insulated to prevent fire hazards. DO NOT drop or strike the product.
- If there is foreign matter inside the USB-C port, clean with an air blower or soft brush. Note to sweep outwards from the inside of the port.
- DO NOT pull the coiled cable of the USB-C connector by force to avoid damage.
- Discharge the battery handle to 50% battery level if it is not used for 10 days or more in order to extend the battery life.











Status LED

Press and hold the power button to power on the charging handle and check the current battery level from the status LED information.



The blinking patterns of the LEDs are as shown below:

-  LED is on
-  LED is flashing
-  LED is off

Blinking Pattern	Battery Level
The charging handle is being charged	
	100%
	76-99%
	51-75%
Blinking Pattern	
	31-50%
	10-30%
The charging handle is charging the camera (while the charging handle is not being charged)	
	76-99%
	51-75%
	31-50%
	10-30%
	< 10%

- When all LEDs flash simultaneously at a frequency of 3 times per second, the charging handle is currently in a high-temperature or low-temperature environment and cannot be used temporarily. Wait for the temperature to

return to normal before use.

Appendix

Updating Firmware

- Connect the charging handle to the camera to update the firmware. The battery handle will be automatically updated to the latest firmware version when there is new firmware.
- During the updating process, all the status LEDs will flash quickly. A prompt appears on the camera when the update is successful. DO NOT unplug the charging handle from the camera during the updating process.
- If the update fails, restart the camera and charging handle, connect them together, and try again.

Specifications

- **Model:** OSMO-AF-457
- **Compatible Action Camera:** Supported DJI devices will be updated continuously. Visit the corresponding product page on DJI Store for a complete list.
- **Compatible DJI Charger:** DJI 30W USB-C Charger / DJI 65W Portable Charger
- **Voltage:** 3.6 V
- **USB Input:** 3.6 V
- **USB Output:** 5 V / 1.5 A
- **Operating Temperature:** -20° to 45° C (-4° to 113° F)
- **Charging Temperature:** 5° to 40° C (41° to 104° F)

DJI Support




CONTACT

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Documents / Resources

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References

- [User Manual](#)

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