

DJI Mavic 3 Classic Easy-to-Use Guide for Beginners

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About DJI Mavic 3 Classic

Capture stunning imagery with a legendary Hasselblad camera on DJI Mavic 3

Classic, embedding a **professional-grade 4/3 CMOS** in an unbelievably compact space. Rigorous Hasselblad standards are applied to both hardware performance and software algorithms, bringing imaging quality to an entirely new level. Learn more about: [DJI Mavic 3 Classic Specifications](#)

Mavic 3 Classic can deliver up to **46 minutes** of flying time and support **ActiveTrack 5.0, MasterShots, QuickTransfer, and Hyperlapse**. Every improvement on Mavic 3 Classic sets a higher standard for aerial photography. Fly with Mavic 3 Classic and discover imaging above everything.



Video Tutorial

This new drone will give both professional and casual content creators additional ways to capture photos and videos. For a step-by-step guide to the usage of DJI Mavic 3 Classic, please view the tutorials below.

User Manual

For more information about the product, please see the user manual: [DJI Mavic 3](#)

[Classic User Manual](#)

Unboxing and Getting Started

DJI Mavic 3 Classic requires activation before using for the first time. Download DJI Fly, and connect the drone to remote controller and mobile device. Then you will need to follow the prompts on the screen to activate the drone. Here are some helpful tips on how to power on and activate DJI Mavic 3 Classic.

Unboxing

[DJI Mavic 3 Classic \(Drone Only\)](#)

DJI Mavic 3 Classic (DJI RC)

DJI Mavic 3 Classic

For Combo with RC-N1 Remote Controller and Combo with DJI RC, only the remote controller is different.

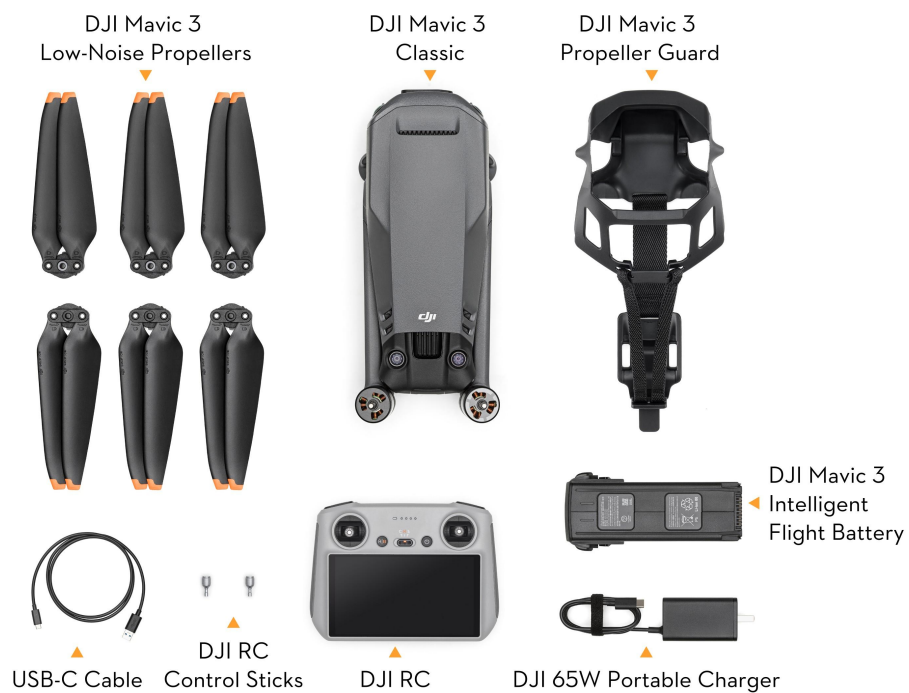
[Let's dive into the unboxing of DJI Mavic 3 Classic \(DJI RC\).](#)

In the Box for Different Combos:

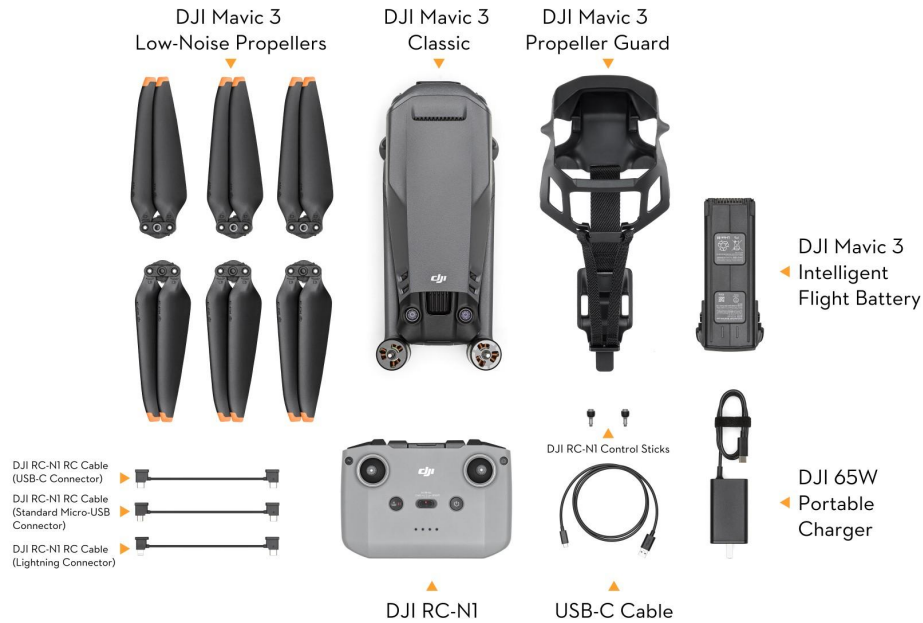
DJI Mavic 3 Classic (Drone Only)



DJI Mavic 3 Classic (DJI RC)



DJI Mavic 3 Classic



Removing the Storage Cover

[Important] Remove the storage cover before powering on the drone.

- When powering on the drone, the gimbal will rotate and perform self-check*. If the storage cover is not removed, the motor may be damaged or the service life will be affected, or even impact the flight safety after takeoff.

- To safeguard the camera lens and aircraft arm, you'd better attach the storage cover to your drone during daily storage or carrying outdoors.

* If the drone is powered on without activation, the gimbal will not vibrate and run self-check.

- **Removing the Storage Cover**

Hold the aircraft, pull out the hook at the rear of the storage cover, and detach the storage cover.

Note: If GIF images are not displayed properly, click [here](#) for details.

- **Attaching the Storage Cover**

1. Power off the drone, and manually adjust the gimbal and camera to face forwards.
2. Make the aircraft's nose point to the inside of the storage cover and then insert the hook from bottom to top. Make sure that the hook is securely attached.



Powering on or off the Device

The most crucial point of flying a drone is powering on and off. As will any DJI product, to turn it on/off, you will need to press the power button on the drone/remote controller once, and then press and hold the button.

Note: If GIF images are not displayed properly, click [here](#) for details.

- **Aircraft**

- Remote Controller











RC-N1

DJI RC

Status Indicator Descriptions

You can tell the status of your device through the blinking patterns of the aircraft status indicator. Different color indicates different status of the aircraft, and the blinking frequency as well. Refer to the table below for more information about the aircraft status indicators.

Aircraft Status Indicator States

Normal States			
	Alternating red, green, and yellow	Blinks	Turning on and performing self-diagnostic tests
	Yellow	Blinks four times	Warming up
	Green	Blinks slowly	GNSS enabled
	Green	Periodically blinks twice	Vision Systems enabled
	Yellow	Blinks slowly	NO GNSS or Vision Systems
Warning States			
	Yellow	Blinks quickly	Remote controller signal lost
	Red	Blinks slowly	Low battery
	Red	Blinks quickly	Critically low battery
 —	Red	Solid	Critical error
	Alternating red and yellow	Blinks quickly	Compass calibration required

After the motor starts, the front LEDs blink red and green alternately and the aircraft status indicators blink green. The green lights indicate the aircraft is a UAV and the red lights indicate the heading and position of the aircraft.



- If the front LEDs are set to auto in DJI Fly, the front LEDs turn off automatically when shooting to obtain better footage. Lighting requirements vary depending on the region. Observe local laws and regulations.

Attaching and Removing the Propellers

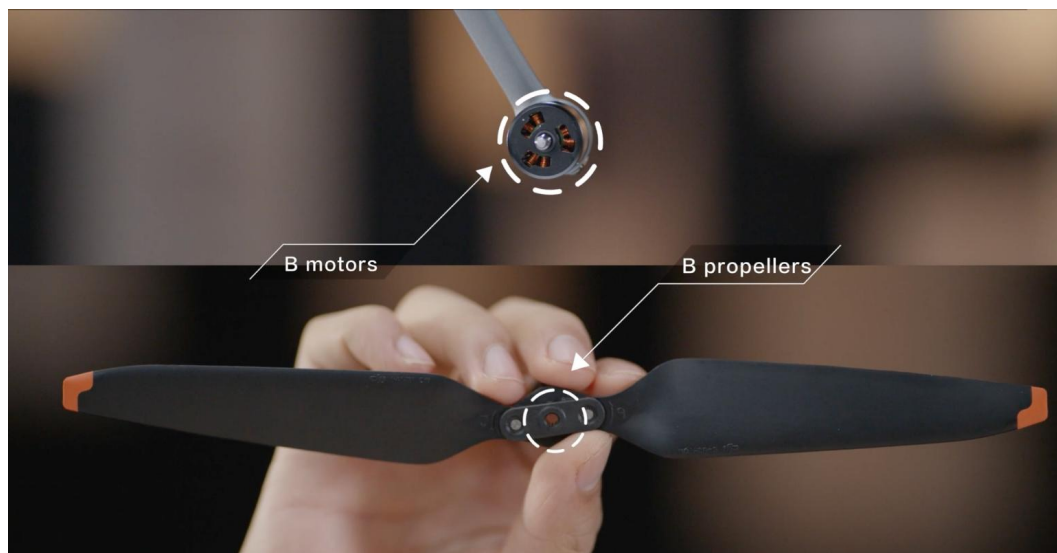
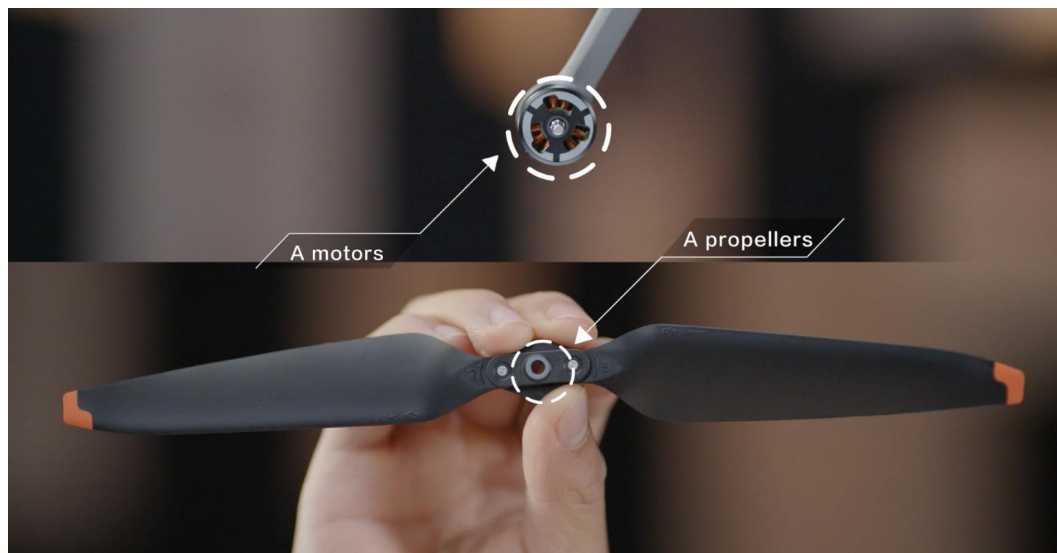
As we all know, there are two types of propeller/motor: CW and CCW, and you can easily recognize it through the mark on it. Before mounting the propeller, better confirm the mark on each first.

- Distinguishing between Propellers

If the propeller is mounted in an improper way, the drone cannot take off.

A Propellers (CCW)

B Propellers (CW)



Replacing the Propellers

Step 1: Place the drone horizontally and make sure that the drone's camera faces forwards;

Step 2: Attach the propellers with marks to the motors with marks. Press the propeller down onto the motor and turn until it is secure;

Step 3: Attach the unmarked propellers to the motors without marks. Press the propeller down onto the motor and turn until it is secure.

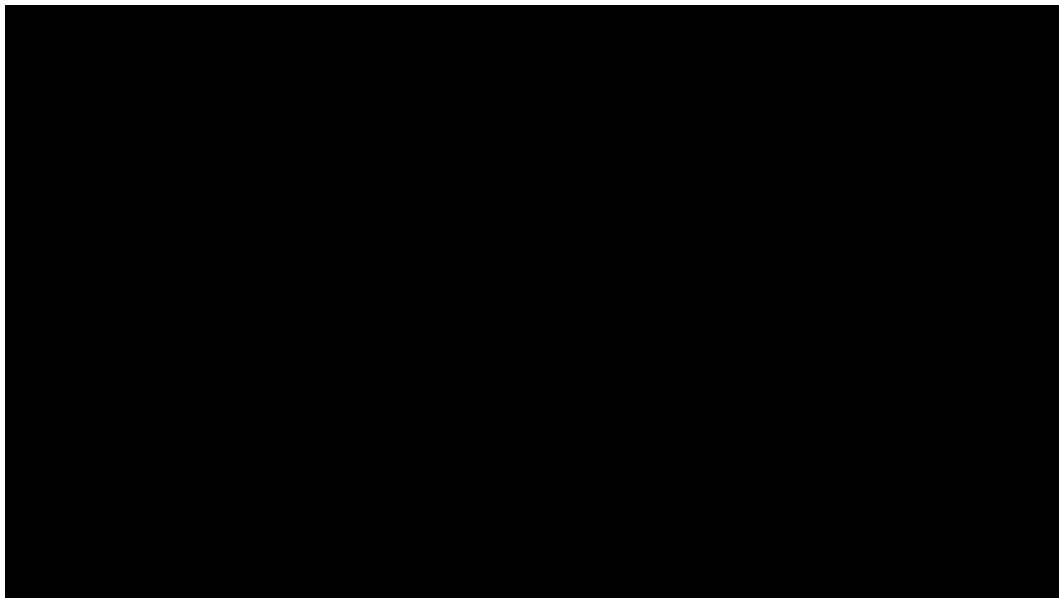
To learn more about how to replace the propellers, [check the video](#).

Mounting and Removing the Battery

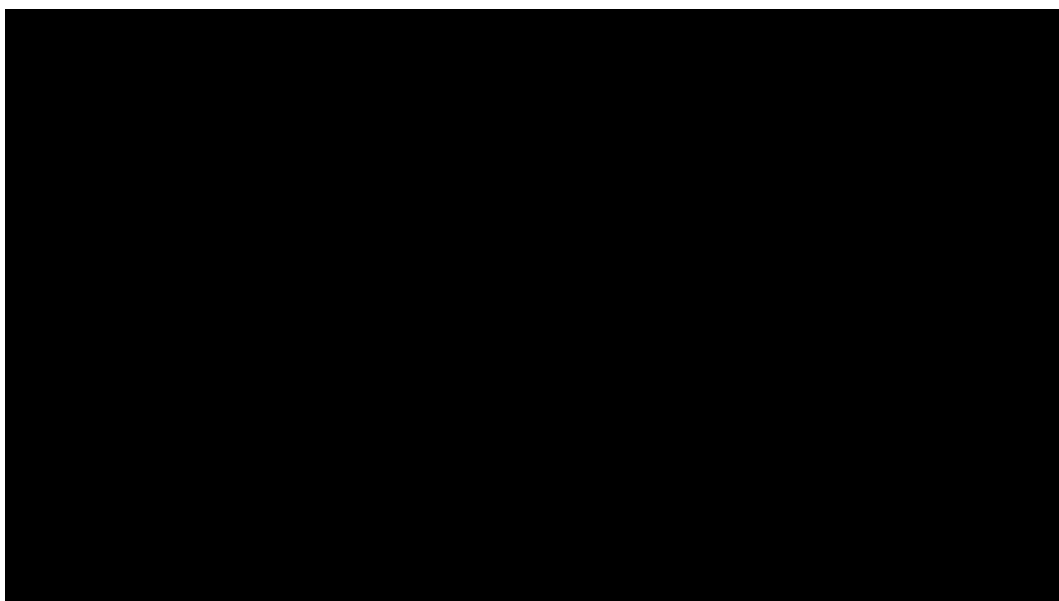
Note that the battery can be charged without being removed from the drone. If you would like to install or remove the battery from the drone, please see below:

Note: If GIF images are not displayed properly, click [here](#) for details.

- **Installing the Battery**



- **Removing the Battery**



Updating the Firmware

Using DJI Fly or DJI Assistant 2 (Consumer Drones Series) to update DJI Mavic 3

Classic firmware.

1. Update the whole firmware package including the drone and remote controller firmware using DJI Fly (Recommended).
2. Update the aircraft and remote controller firmware separately using DJI Assistant 2 (Consumer Drones Series).

- **Using DJI Fly**

Power on the aircraft and remote controller, and make sure that the remote controller is linked to the aircraft. Follow the on-screen instructions to update the firmware and note that Internet is required.

- **Using DJI Assistant 2 (Consumer Drones Series)**

Follow the instructions below to update the aircraft and remote controller firmware separately:

1. Power on the device and connect to a computer via the USB-C port using a Micro USB cable.
2. Launch DJI Assistant 2 (Consumer Drones Series), and log in with your DJI account.
3. Select the device icon and click “Firmware Updates” on the left panel.
4. Select the firmware version that you wish to update to.

5. Wait for the firmware to download, and the firmware update will start automatically.

6. The device will automatically restart after the firmware update is complete.

Activating Your Device

DJI Mavic 3 Classic requires activation before first use. After powering on the aircraft and remote controller, follow the on-screen prompts to activate the device using DJI Fly.

Step 1: Download the app.

DJI Fly is required for product activation and connection. [Click Here](#) to download and install the app.

Step 2: Connect the drone to other devices.

Before takeoff, connect the drone to the remote controller and mobile device.

(There is no need to connect the mobile device for DJI RC.)

Watch this video to learn [more about linking](#)

Step 3: Activate for the First Time.

Make sure that the aircraft, remote controller, and mobile device are connected

(there is no need to connect the mobile device for DJI RC) and linking is successfully.

Launch the DJI Fly app, and then complete the activation according to the on-screen instructions (An Internet connection is required for activation).

For an overview of how to activate your device, [watch the video.](#)

Checking Activation Information

You can go to the [Activation Info page](#) for the specific information.

* You may need to learn more about [How to Check Your Product's Serial Number](#).

Charging Instructions

Charging Method

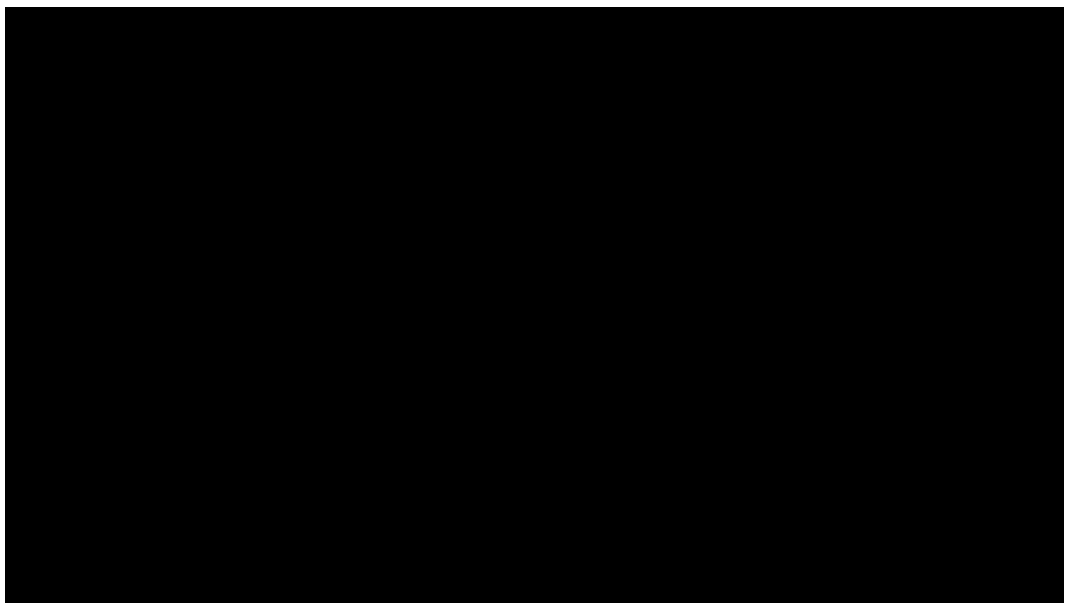
The DJI Mavic 3 Classic combo comes with a 65W portable charger (For DJI Mavic 3 Classic (Drone Only) combo, the portable charger needs to be purchased separately). Prepare your drone, remote controller, and charger, then follow the instructions below for charging.

Note: If GIF images are not displayed properly, click [here](#) for details.

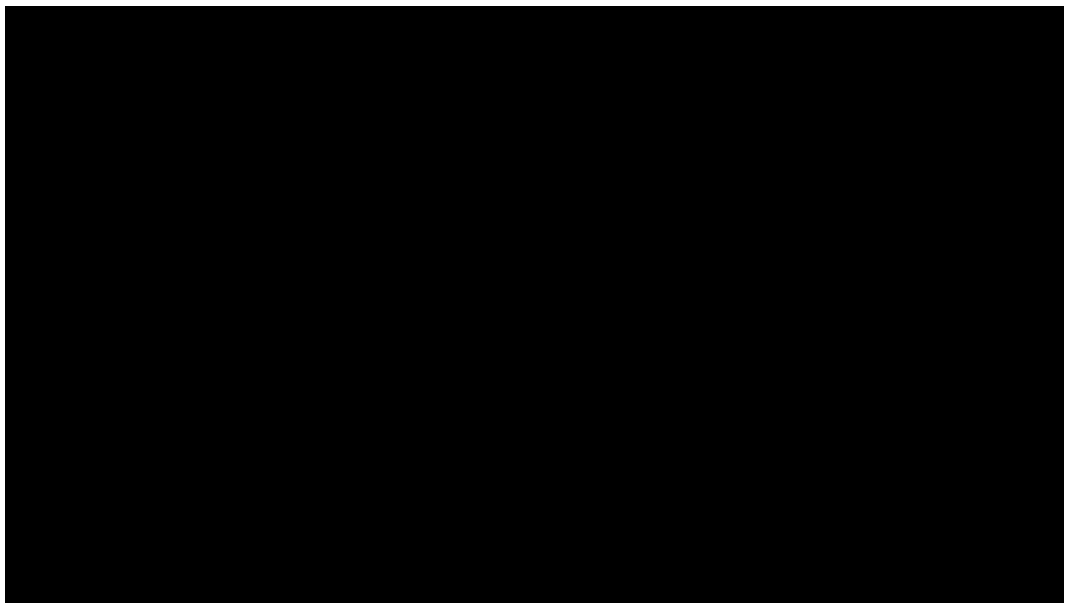
- **Connecting the aircraft with the battery mounted for charging**



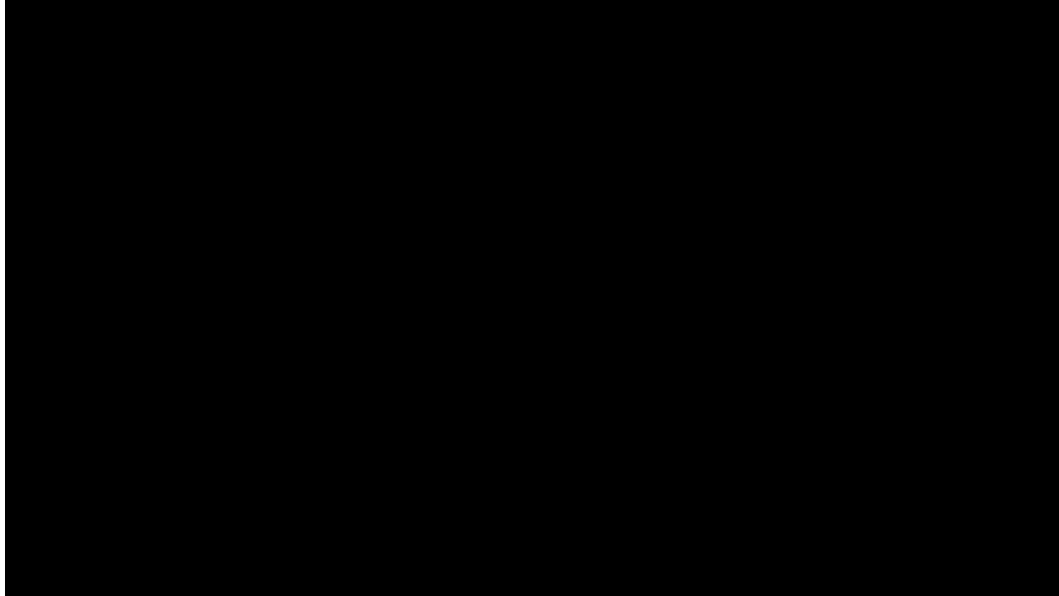
- **Using the Battery Charging Hub**



- **Charging the DJI RC Remote Controller**



- **Charging the DJI RC-N1 Remote Controller**



Battery Maintenance

1. Discharge the battery to 40%-65% (the third battery level LED lights up or blinks)

if it will not be used for 10 days or more.

2. Charge and discharge the battery about every three months to maintain good

battery health. If the battery is stored after completely drained, it may

over-discharge and be damaged.

3. Always store Intelligent Flight Batteries in a well-ventilated place.

4. The battery will enter hibernation mode if depleted and stored for an extended

period of time. Recharge the battery to bring it out of hibernation.

To learn more about battery maintenance, click: [Battery Routine Maintenance](#)

[Guide](#)

Using for the First Time

Follow the steps below to prepare to use the aircraft and remote controller.

Preparing the Aircraft

Step 1: Remove the storage cover.

Step 2: Check the battery level of the flight battery, power on the drone, and place it on a flat ground. Note that the rear of the drone should face towards you.

Watch this [video](#) for the more details.

Preparing the Remote Controller

- **DJI RC**

Step 1: Remove the control sticks from the storage slots on the remote controller and screw them into place.

Step 2: Check the battery level of the remote controller and power on the remote controller.

Watch this [video](#) for the more details.

- **DJI RC-N1**

Step 1: Remove the control sticks from the storage slots on the remote controller and screw them into place.

Step 2: Put out the mobile device holder and choose an appropriate remote controller cable based on the type of mobile device. Then connect the mobile device.

Step 3: Check the battery level of the remote controller and power on the remote controller. Then launch DJI Fly.

Watch this [video](#) for the more details.

Getting Ready For First Flight

Watch this [video](#) to guide you through your first flight with DJI Mavic 3 Classic:

Intermediate Operations

Night Mode

When the Night mode is enabled, high ISO can be used to get a properly exposed image. The footage appears to hold onto highlights and capture rich blacks with minimal noise when recording in low-light during a nighttime flight

For an overview of how to use Night Mode, watch the [video](#).

Hyperlapse

Hyperlapse shooting modes include Free, Circle, Course Lock, and Waypoint.

A Hyperlapse video is one that speeds up real-time footage so that the viewer can quickly see what has happened. The process of slowly changing objects or scenes is compressed, which will present a strange and wonderful sight in a short period of time.

Watch this video to learn more about [Hyperlapse](#).

FocusTrack

FocusTrack includes Spotlight, ActiveTrack, and Point of Interest. This means that you can select a subject and the drone will automatically keep that subject in frame without pushing the control stick.

For an overview of how to use FocusTrack, watch the [video](#).

MasterShots

This feature essentially gives anyone the ability to get all the best shots in any location within just a few minutes and just a couple of taps. After the automatically generated shots have been recorded, it creates an automatic video clip based on your settings.

Watch this video to learn more about [MasterShots](#).

Zooming

DJI Mavic 3 Classic supports up to 3x digital zoom to create the perfect composition.

Live Streaming

When using DJI RC-N1 remote controller with your mobile device, you can live stream with your Mavic 3 Classic via DJI Fly. Live streaming is not available when using DJI RC.

Go to [“...” > Transmission > Enable Livestreaming] to broadcast the camera view

in real time. Mavic 3 Classic supports livestream platforms and multiple resolutions for you to choose from and connect with your world face-to-face at any time.

Note to input the RTMP address as below: RTMP address/stream key. Please do add the "/" (forward slash) between the RTMP address and the stream key. Only in this way, can the live streaming screen be displayed.

Smart RTH

Smart RTH is initiated either by tapping the RTH icon at the left side of the app screen or by pressing and holding the RTH button on the remote controller.

Watch the tutorial below learn how to use [Smart RTH](#).

Exporting Footage

Storage

- DJI Mavic 3 Classic includes an 8GB of internal storage, so you can snap some photos and record videos if you forget to bring a memory card. Photos and videos are stored in the internal storage by default if a microSD card is not installed, and it can record 4K 60fps videos for around 18 minutes.

- The combo does not come with a microSD card. DJI Mavic 3 Classic supports micro SD cards with capabilities of up to 512GB, and we recommend you choose a microSD card that is strictly tested:

Lexar 1066x 64 GB V30 A2 microSDXC

Lexar 1066x 128 GB V30 A2 microSDXC

Lexar 1066x 256 GB V30 A2 microSDXC

Lexar 1066x 512 GB V30 A2 microSDXC

SanDisk High Endurance 64 GB V30 microSDXC

SanDisk High Endurance 128 GB V30 microSDXC

SanDisk High Endurance 256 GB V30 microSDXC

Kingston Canvas Go! Plus 64 GB V30 A2 microSDXC

Kingston Canvas Go! Plus 128 GB V30 A2 microSDXC

Kingston Canvas Go! Plus 256 GB V30 A2 microSDXC

Kingston Canvas Go! Plus 512 GB V30 A2 microSDXC

Samsung EVO Plus 512 GB V30 A2 microSDXC

Samsung PRO Plus 256 GB V30 A2 microSDXC

Samsung PRO Plus 512 GB V30 A2 microSDXC

- DJI RC does not come with the internal storage, but can be equipped with a microSD card. After a memory card is installed, you can use the product for capturing photos/videos, keeping cache files, and downloading footage from the drone to remote controller.

* DJI Mavic 3 Classic supports the QuickTransfer function. With QuickTransfer, DJI enables a direct connection of the drone with the smartphone to upload photos and videos from the drone to the smartphone. If you won't cache files, the memory card is not a must.

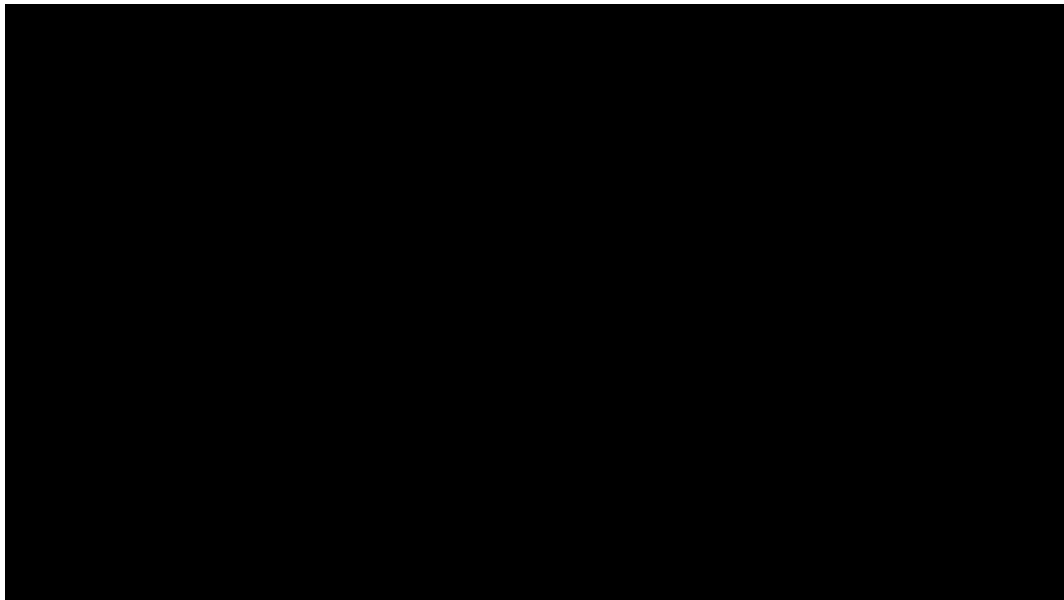
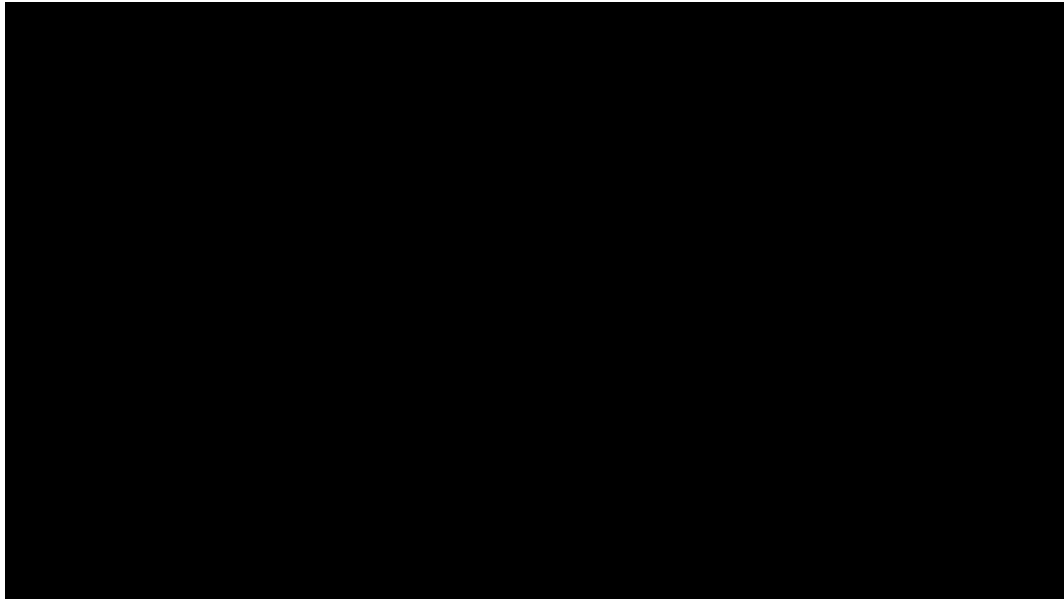
Installing and Removing a Memory Card

If you have purchased a memory card, you can insert it into the black memory card adapter, which can be attached to the TF slot on PC for further file transfer. Please note that the memory card is inserted into the drone without the card adapter.

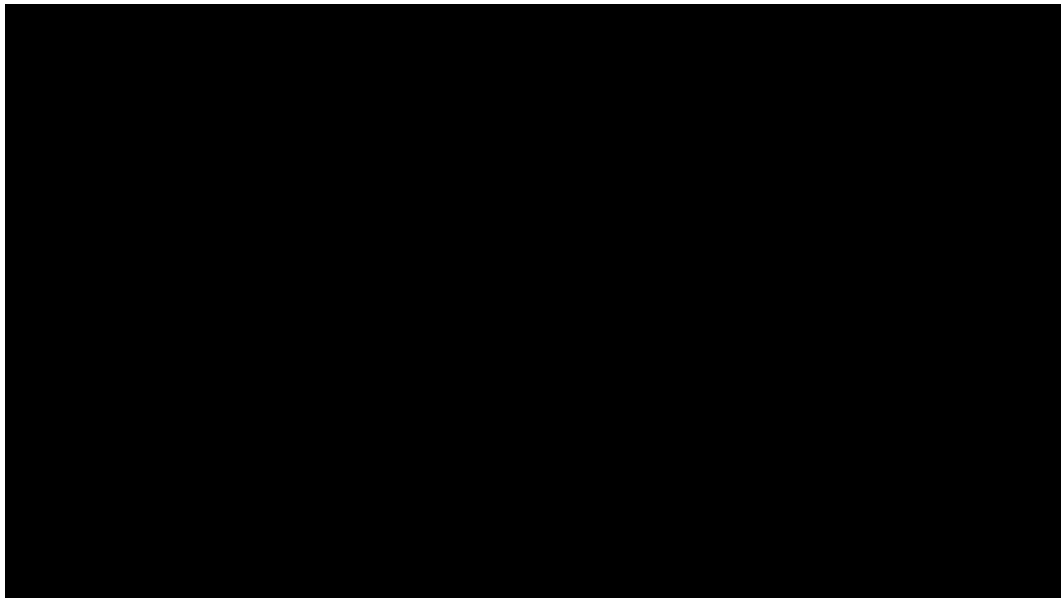
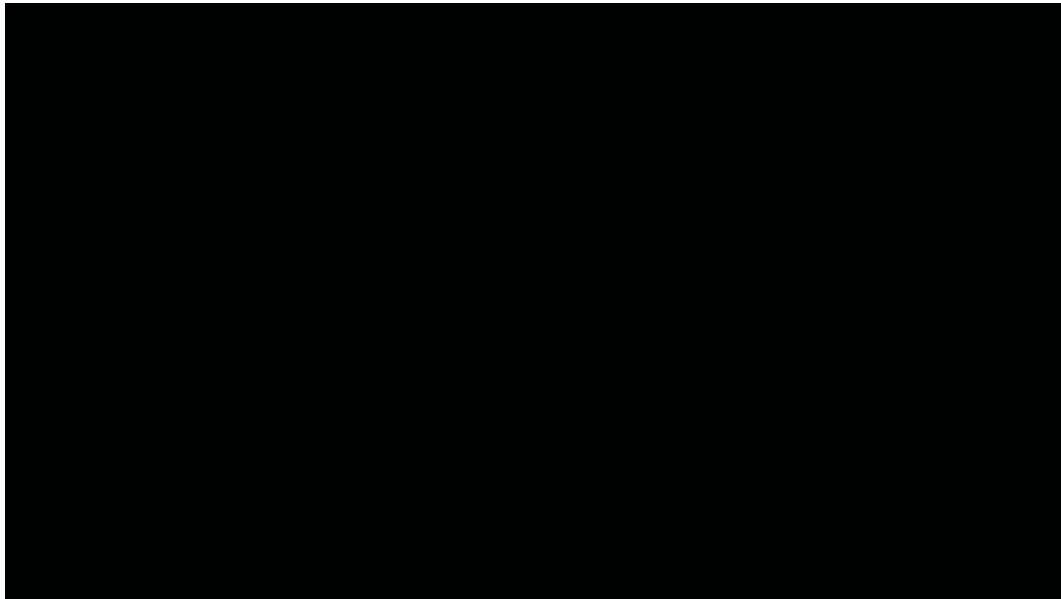
Please see below for how to install and remove a memory card from the drone or DJI RC:

Note: If GIF images are not displayed properly, click [here](#) for details.

- **Installing a Memory Card**



- **Removing a Memory Card**



Exporting the Photos/Videos

Photos and videos captured by DJI Mavic 3 Classic are stored in the internal storage or microSD card. For more details about exporting footage via QuickTransfer or other methods,

Tips for Flight Safety

We've rounded up some coping tips for flight safety and we'd like to share them with you.

There are four parts, including the Environmental Considerations, Pre-flight Checklist, Precautions During Flight, and How to Find Your Drone. We hope this can help someone in need.

Environmental Considerations

1. Only fly in environments that are clear of magnetic or radio interference, buildings, and other obstacles.
2. Do not fly above or near large crowds.
3. Only fly in authorized areas. Stay well away from GEO zones and restricted zones to prevent your drone from entering these zones by mistake and getting flyaway.
4. It is not recommended to fly your drone in scenic spots, historical sites, parks, and the vicinity of government and military institutions. Although these places are not officially demarcated as restricted zones, they are very likely to be controlled areas. The signal of the remote controller may be lost during the flight if you fly the drone in these areas, and the drone may unexpectedly fly away.
5. Do not fly the aircraft near areas with magnetic or radio interference, including Wi-Fi hotspots, routers, Bluetooth devices, high-voltage lines, large-scale power transmission stations, radar stations, mobile base stations, and broadcasting towers. Otherwise, the wireless transmission performance of the aircraft may be affected by interference, and the aircraft cannot fly normally.

Pre-flight Checklist

1. Make sure that the remote controller and aircraft batteries are fully charged. (It is recommended to fully charge the battery and then fly the drone.)
2. Make sure that the propellers are mounted properly. Check whether the propellers are broken or bent, and whether all the propellers are unfolded.
3. Connect your mobile device to the remote controller. Power on the remote controller first and then power on the aircraft. Unfold the remote controller antennas and check whether the remote controller is linked with the aircraft. Check whether there are any warnings shown under Aircraft Status in the app, such as compass, IMU, or vision sensors error). Check whether the image transmission signal is strong at the takeoff point. When "Ready to Go" is shown on the app screen and a "HomePoint updated" prompt is displayed, enjoy your flight.
4. It is recommended to set "No RC Signal Action" to "RTH" under the remote controller Settings in the app. (The aircraft will automatically return to the Home Point when the remote controller signal is lost.)
5. It is recommended to set the RTH Altitude higher than the height of obstacles in the surrounding environment to avoid collisions during RTH.

Available Accessories

3 must-have accessories for your Mavic 3 Classic to fly longer and more safely, and get great video.

Popular Accessories

[DJI Mavic 3 Fly More Kit](#): Includes two Intelligent Flight Batteries, a Battery Charging Hub, 65W Car Charger, and spare propellers, providing comprehensive support for your aerial photography experience, at a better price than buying separately.

[DJI Mavic 3 Classic ND Filters Set \(ND8/16/32/64\)](#): Made of high-quality light reduction materials, this filters set helps you capture true colors and stunning highlight and low-light details. By choosing the appropriate filter, you can have more freedom to control the aperture or shutter, which provides more exposure options and space for your creation.

[DJI 65W Portable Charger](#): Thanks to GaN technology, the DJI 65W Portable Charger is smaller but offers increased charging speeds. With two USB-C and USB-A output ports, it can charge the Intelligent Flight Battery and RC at the same time. It supports PPS and PD protocols and can charge your smartphone, laptop, and other devices.