DJI Mini 3 Easy-to-Use Guide for Beginners

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About DJI Mini 3

With Intelligent Flight Battery Plus, DJI Mini 3 can fly for up to **51 min**. It supports abundant intelligent flight features, such as **Quickshots, Portrait Mode, and QuickTransfer**. Click here to know details about DJI Mini 3 Technical Specifications.



Video Tutorial

For a step-by-step guide to the usage of DJI Mini 3, please click here to view the tutorials.

User Manual

For more information about the product, please see the user manual: DJI Mini 3 User Manual

Unboxing and Getting Started

DJI Mini 3 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 Mini 3.

Unboxing

DJI Mini 3 packages vary among different regions. The ones available in DJI Online Store in your region shall prevail.

In the Box for Different Combos:

- **DJI Mini 3 (Drone Only)**



- **DJI Mini 3**

DJI MINI 3



- **DJI Mini 3 (DJI RC)**

DJI MINI 3 (DJI RC)



- **DJI Mini 3 Fly More Combo**



- **DJI Mini 3 Fly More Combo (DJI RC)**

DJI MINI 3 FLY MORE COMBO (DJI RC)



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**

Push the lower buckle of the storage cover towards the camera to remove the storage cover.

Note: If GIF images are not displayed properly, click here fordetails.



- **Attaching the Storage Cover**

1. Snap the buckle at the upper part of the storage cover into the slot on the aircraft.

2. In the same way, snap the lower buckle into the slot at the bottom of the aircraft.



Powering on or off the Device

Press and hold the power button on the aircraft or remote controller to power on or off the device.

- **Aircraft**





- **Remote Controller**

DJI RC





RC-N1





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 Descriptions

Normal States		
·····	Blinks purple slowly	Warming up
·····	Alternating red, green and yellow	Powering on and performing self-diagnostic tests
·····	Blinks green slowly	GNSS enabled
×2·····	Periodically blinks green twice	Downward Vision System enabled
·····	Blinks yellow slowly	GNSS and Downward Vision System disabled (ATTI mode enabled)
·····	Blinks blue slowly	Switching between Wi-Fi connection and OcuSync 2.0 video transmission connection
×2·····	Periodically blinks blue twice	Switched to Wi-Fi connection and waiting to connect to mobile device
——	Solid blue	Switched to Wi-Fi connection and connected to mobile device
·····	Blinks blue quickly	Switched to Wi-Fi connection and downloading at high speed
——	Solid red	Failed to switch to Wi-Fi connection
·····	Blinks red slowly	ESC is beeping while using Find My Drone
Warning States		
·····	Blinks yellow quickly	Remote controller signal lost
·····	Blinks red slowly	Low battery
·····	Blinks red quickly	Critically low battery
·····	Periodically blinks red	IMU error
——	Solid red	Critical error
·····	Blinks red and yellow alternately	Compass calibration required

Replacing 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.

DJI Mini 3 has been installed with propellers before leaving the factory. In case of a propeller replacement, please refer to the steps below.

- **Distinguishing between Propellers**

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



- **Replacing the Propellers**

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

Step 2: Tighten the propellers with a mark onto the motors using the provided screwdriver.

Step 3: Tighten the propellers without a mark onto the remaining motors.

To learn more about how to replace the propellers, Watch this video for the more details:

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 fordetails.

- **Installing the Battery**



- **Removing the Battery**



Activating Your Device

DJI Mini 3 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).

Watch this video for the more details.

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

Press the power button on the aircraft and remote controller for one second respectively, and the status LEDs will light up. When only one LED is on, please charge the device in time.

Choose an Adapter

As DJI Mini 3 does not come with an adapter, please refer to the following content to select an appropriate adapter.

• DJI Mini 3 supports PD fast charging protocol. You can charge your drone using a PD fast charger with the included PD charging cable (Type-C to Type-C).

If you would like to purchase a charger, we recommend you add DJI 30W USB-C Charger to your cart.

• Other common PD fast charging chargers are supported, such as Apple USB- C power adapters and Android GaN chargers.



• If a PD fast charger is currently not available, you can also use a charger with a Type-C port for charging, but the charging speed may be relatively slower.



Charging Method

Note: If GIF images are not displayed properly, click here fordetails.

- **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**



Charging Duration

- **Charging the aircraft**

Charging a Battery With DJI 30W USB-C Charger Only

It takes approximately 1 hour and 4 minutes to charge an Intelligent Flight Battery with the DJI 30W Charger (and approximately 1 hour and 41 minutes to fully charge an Intelligent Flight Battery Plus).

Charging a Battery Using DJI 30W USB-C Charger and the Battery Charging Hub

It takes approximately 56 minutes to charge an Intelligent Flight Battery with DJI 30W USB-C Charger and the Battery Charging Hub (and approximately 1 hour and 18 minutes to fully charge an Intelligent Flight Battery Plus).

- **Charging a Remote Controller**

DJI RC

It takes about one and a half hours to charge a DJI RC using a 15 W charger.

DJI RC-N1

It takes about three and a half hours to charge a DJI RC-N1 using a 10 W charger.

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 Mini 3:

Updating the Firmware

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

Intermediate Operations

QuickShots

DJI Mini 3 supports shooting in Dronie, Rocket, Circle, Helix, and Boomerang modes.

Portrait Mode

The DJI Mini 3 camera can be rotated 90° for lossless shooting in Portrait mode, allowing for more freedom in composition. Tap the vertical shooting icon on the app interface to enter Portrait mode.



Zooming

DJI Mini 3 supports up to 4x 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 DJI Mini 3 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. DJI Mini 3 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 this video for the more details.

Exporting Footage

DJI Mini 3 does not have internal storage. It is recommended that you install a memory card to save the raw materials taken by the camera.

Storage

• The combo does not come with a microSD card. DJI Mini 3 supports up to 512 GB cards, and it is recommended that you use the following ones.

SanDisk Extreme 32GB V30 A1 microSDXC

SanDisk Extreme 64GB V30 A1 microSDXC

SanDisk Extreme 128GB V30 A2 microSDXC

SanDisk Extreme 256GB V30 A2 microSDXC

SanDisk Extreme Pro 32GB V30 A1 microSDXC

Kingston Canvas Go!Plus 64GB V30 A2 microSDXC

Kingston Canvas Go!Plus 256GB V30 A2 microSDXC

Kingston Canvas React Plus 64GB V30 A1 microSDXC

Kingston Canvas React Plus 128GB V30 A1 microSDXC

Samsung Pro Plus 256GB V30 A2 microSDXC

• DJI RC does not come with internal storage, but supports installing a microSD card. After a memory card is inserted, you are allowed to cache files while shooting or recording, and to download your raw materials to the remote controller.

* DJI Mini 3 supports QuickTransfer, which allows quick drone footage downloads directly to your smartphone. If you do not have demands for caching materials, it is unnecessary to insert a microSD card.

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 fordetails.

- **Installing a Memory Card**





- **Removing a Memory Card**





Exporting the Photos/Videos

The raw footage captured by DJI Mini 3 is stored in the internal storage or microSD card.

Watch this video for the more details.

Tips for Flight Safety

Before a takeoff, have a glance at the nearby restricted and GEO zones. Click to check the GEO ZONE MAP. Please fly your drone in a safe environment, and strictly abide by local laws and regulations.

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

With its great accessories, DJI Mini 3 helps you put the icing on the cake.

Popular Accessories

DJI Mini 3 Series 360° Propeller Guard: Specially designed with light texture, the propeller guard protects the propellers from collisions, and improves flight safety. It is especially applicable in indoor scenes with many obstacles, bringing more safety guarantees for beginners.

DJI Mini 3 Propeller Holder: The Propeller Holder secures and protects the propellers for safer storage and transportation.

For more information about accessories, please go to DJI Store.

Accessories Compatibility

To know more about the compatibility of DJI Mini 3, click: Aircraft Accessory Compatibility

DJI Care Service Plans

DJI Care Refresh is a comprehensive and reliable protection plan that provides DJI products with coverage for a range of accidental damages such as collision, water damage, flyaway, and natural wear.

There are two DJI Care Refresh options available for you, 1-Year Plan and 2-Year Plan. By selecting the 2-Year Plan, the official warranty can be extended to two years, providing you with efficient, flexible, and optional protection solutions, and allowing you to enjoy your DJI product with greater peace of mind wherever you go.

Add DJI Care Refresh 1-Year Plan (DJI Mini 3)

Add DJI Care Refresh 2-Year Plan (DJI Mini 3)

- **[DJI Care Express]** A DJI service center will ship you a replacement as soon as they receive your product. DJI will cover shipping costs both ways anytime a product is sent back for replacement service.
- **[Comprehensive Coverage]** DJI Care Refresh covers collisions, flyaway, water damage, natural wear, and other accidental damage.
- **[Replacement at an Additional Low Cost]** The 1-Year Plan provides up to two replacement units at an additional low cost, while 2-Year Plan offers up to three replacement units.
- **[Flyaway Coverage]** If a flyaway incident occurs, synchronize flight records and complete DJI Care Flyaway Aircraft Report on the remote

controller, and simply pay the corresponding service fee to obtain a replacement product.

- **[Rewards for Safe Flight]** Throughout the service period, if you haven't used any replacements or repair services, DJI will provide you with a 1-year warranty extension as reward.