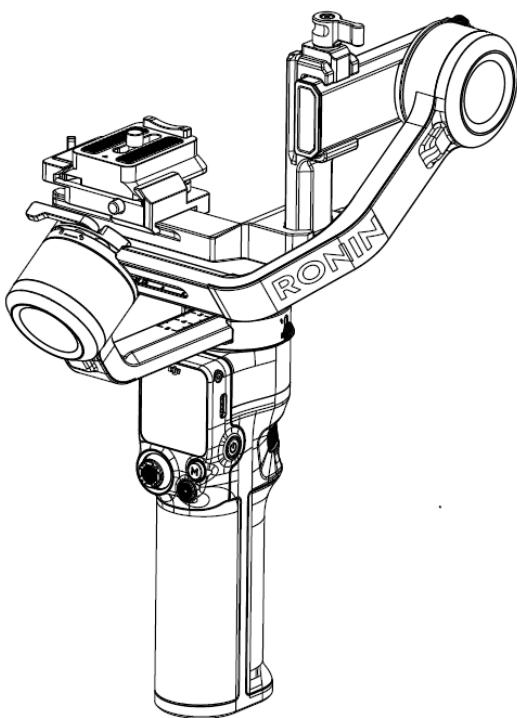


# DJI RS 3 Mini Quick Start Guide

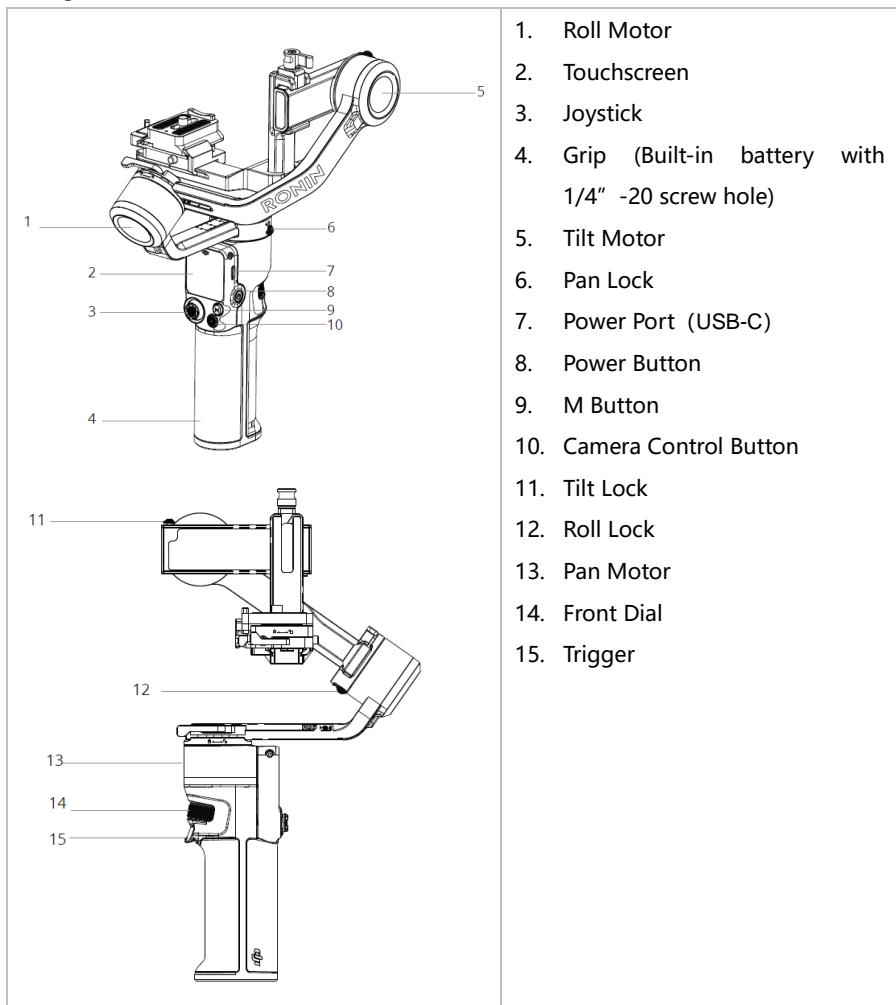


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## Introduction

DJI RS 3 Mini is a professional single-handed 3-axis gimbal specifically designed for DSLR and mirrorless cameras. Users can calibrate the gimbal and set parameters on the screen and use the onboard buttons to control the gimbal and switch profiles and working modes.

When used with the provided camera control cables, DJI RS 3 Mini can also control the camera focus, shutter, and recording. The grip has a built-in battery. After connecting to the Ronin app, it is easy to control gimbal movement and parameter settings with intelligent functions.



## Getting Started

1. Downloading the DJI Ronin App



[Ronin App](#)

2. Charging the gimbal via the USB-C port on the grip.
3. Attaching the Tripod.
4. Power On: Press and hold on the power button to power on the gimbal.

## Mounting the camera

Mount the camera onto the gimbal.

1. Attach the Upper Quick-Release Plate.
2. Attach the Lower Quick-Release Plate and lens support.
3. Attach the camera to the gimbal.

## Balancing

### 1. Balancing the vertical tilt

- a. Unlock the tilt axis, and loosen the mounting plate knob.
- b. Rotate the tilt axis so that the camera lens is pointing upward. Check to make sure the camera is not top or bottom-heavy. If top-heavy, move the camera backward. If bottom-heavy, move the camera forward.
- c. Tighten the knob. The vertical tilt is balanced until the camera is steady while pointing upward.

### 2. Balancing depth for the tilt axis

- a. Rotate the tilt axis so that the camera lens is pointing forward. Toggle the lever to the unlocked position.
- b. Check to make sure the camera is not front or back-heavy. If front-heavy, move the camera backward by turning the knob. If back-heavy, move the camera forward.

- c. Toggle the lever to the locked positon. The Tilt axis is balanced if the camera is steady while tilting up or down for 45 degrees.
- d. Lock the tilt axis.

3. **Balancing the roll axis**

- a. Unlock the roll axis. Toggle the lever on the roll arm to the unlocked positon.
- b. Check the direction in which the roll motor swings. If the camera rotates to the left, move the camera to the right. If the camera rotates to the right, move the camera to the left.
- c. Toggle the lever on the roll arm to the locked positon. The roll axis is balanced if the camera is steady.
- d. Lock the roll axis.

4. **Balancing the pan axis**

- a. Unlock the pan axis. Toggle the lever on the pan arm to the unlocked positon.
- b. Hold the grip, tilt the camera forward, and adjust the pan arm to parallel to you. Check the movement of the pan axis. If the camera lens rotates to the left, push the pan axis to the right. If the camera lens rotates to the right, push the pan axis to the left.
- c. Toggle the lever on the pan arm to the locked positon. The pan axis is balanced if the camera is steady when rotating the pan while lifting the grip.

## Operation

### Touch Screen

After installation, activation, and balancing, DJI RS 3 Mini must be auto-tuned before it can be used.

**Home:** tap gimbal calibration to start Auto Tune, and check the balance status, select follow mode and follow speed by tapping the icons.

Slide down to set system settings, and slide up to enter joystick and front wheel settings page.

### Button Feature

**Power Button:** press and hold the power button to turn on or off.

**Trigger:** press once to start ActiveTrack. press and hold the trigger to enter Lock mode. Press twice to recenter the gimbal.

**M Button:** tap to select a user profile. Press and hold to enter Sport mode. Press and

hold while press twice on the trigger to stay in Sport mode. Press twice to enter portrait mode. Press three times to enter Roll 360. Press and hold the M button which holding on the trigger to begin auto tune.

**Camera Control Button:** after connecting the camera control port and camera, press halfway for autofocus, as you would the shutter button on a camera. Press to start or stop recording. Press and hold to take a photo.

**Joystick:** push the joystick up or down to control the movement of the tilt axis, and push it left or right to control the movement of the pan axis. Go to the Joystick page of the Ronin app to adjust the parameters for the pan, tilt, and roll axes.

**Front Dial:** turn the dial to control focus or gimbal movements (feature depends on the dial settings).

## Firmware Update

If new firmware is available, you will be notified by the Ronin app. Update the firmware according to the on-screen instructions. Do not power off the gimbal or exit the app during the firmware update.

The Ronin app will prompt if the update is successful. If the update fails, restart the gimbal and Ronin app, and try again.

Notes:

- Make sure the gimbal has sufficient power before updating.
- Ensure the mobile phone is connected to the internet when updating.
- Do not power off the gimbal when updating.
- The axis locks will lock automatically when the update starts. It is normal for the axis locks to lock or unlock during the process.

## Battery Usage Notes

1. DJI RS 3 Mini is powered by a built-in battery through the grip. Users take full responsibility for all operations and usage.
2. The grip should be used in temperatures from -10° to 45° C (14° to 113° F). Use of the grip in environments above 50° C (122° F) can lead to a fire or explosion. Use of the grip in environments where the temperature is below 0° C (32° F) can significantly reduce operation time.
3. DO NOT disassemble or pierce the grip in any way or the battery may leak, ignite, or explode.
4. DO NOT drop or strike batteries. DO NOT place heavy objects on the grip or charger.
5. DO NOT heat batteries. DO NOT put the grip in a microwave oven or in a pressurized container.

## Specifications

Model	P20M
Input Power	Model: HB7-2450mAh-7.2 Type: 18650 Li-ion 2S Capacity: 2450mAh Energy: 17.64Wh Voltage: 5V-2V
USB Input	5V/2A
Bluetooth Operating Frequency	2.4000 GHz -2.4835 GHz
Bluetooth Transmitter Power	<4 dBm
Operating Temperature	-10°C to 45°C

## Compliance Information

### FCC Compliance Notice

Supplier's Declaration of Conformity

Product name: DJI RS 3 Mini

Model Number: P20M

Responsible Party: DJI Technology, Inc.

Responsible Party Address: 201 S. Victory Blvd., Burbank, CA 91502

Website: [www.dji.com](http://www.dji.com)

We, DJI Technology, Inc., being the responsible party, declares that the above mentioned model was tested to demonstrate complying with all applicable FCC rules and regulations.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **RF Exposure Information**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### **ISED Compliance Notice**

CAN ICES-003 (B) / NMB-003(B)

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1)This device may not cause interference. (2)This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1)L'appareil ne doit pas produire de brouillage; (2)L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with RSS-102 radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter. The portable device is designed to meet the requirements for exposure to radio waves established by the CNR-102.

Cet équipement est conforme aux limites d'exposition aux rayonnements RSS-102 établies pour un environnement non contrôlé. L'utilisateur final doit suivre les instructions spécifiques pour satisfaire les normes. Cet émetteur ne doit pas

être co-implanté ou fonctionner en conjonction avec toute autre antenne ou transmetteur. Le dispositif portatif est conçu pour répondre aux exigences d'exposition aux ondes radio établie par le développement énergétique DURABLE.

To view the full compliance information, slide down on the camera view, tap the setting icon, and scroll through to select Compliance Info.

Pour voir les informations complètes de conformité, balayez vers le bas sur la vue caméra, appuyez sur l'icône de paramètres et sélectionnez Infos de Conformité.