DJI DJI RS 4 Mini Combo

DJI RS 4 Mini Combo User Manual

Model: DJI RS 4 Mini Combo

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1. Introduction

The DJI RS 4 Mini Combo is a compact and lightweight gimbal stabilizer designed for content creators and independent commercial videographers. It offers advanced features to enhance filming efficiency and provide a seamless experience.


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Figure 1: DJI RS 4 Mini Combo Gimbal Stabilizer

Key Features:

- **Automated Axis Locks:** Enables quick setup and transitions, allowing you to start filming in as little as 1 second.
- **Intelligent Tracking:** The RS Intelligent Tracking Module keeps your subject framed, ideal for dynamic scenes and solo filming.
- **Teflon™ Enhanced Balancing:** Features smoother balancing for precise adjustments during fast-paced shoots.
- **Fast Vertical Switch:** Easily switch between horizontal and vertical shooting in 10 seconds, perfect for mobile-friendly content.
- **Responsive Follow Mode:** The gimbal reacts instantly to hand movements, suitable for fast orbit shots.
- **Versatile Payload:** Supports up to 2kg (4.4lbs) payload, accommodating mirrorless cameras, vlog cameras, and smartphones.
- **Extended Battery Life:** Offers up to 13 hours of operating time with fast charging capabilities.

2. What's in the Box

The DJI RS 4 Mini Combo includes the following components:

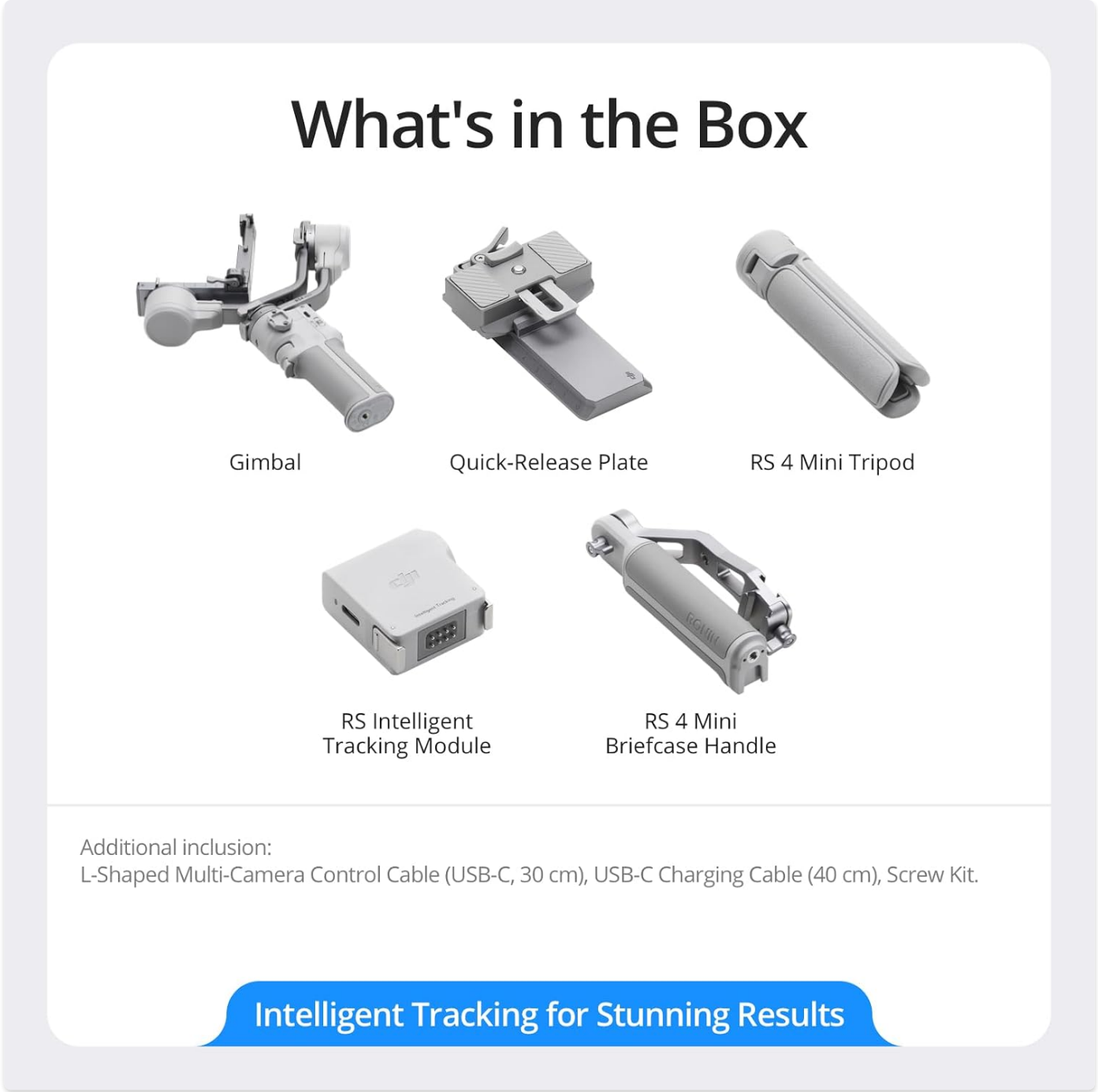


Figure 2: All components included in the DJI RS 4 Mini Combo

- Gimbal x1
- Quick-Release Plate x1
- RS 4 Mini Tripod x1
- L-Shaped Multi-Camera Control Cable (USB-C, 30 cm) x1
- USB-C Charging Cable (40 cm) x1
- Screw Kit x1
- RS Intelligent Tracking Module x1
- RS 4 Mini Briefcase Handle x1

3. Setup

3.1. Initial Activation

To activate your DJI RS 4 Mini:

1. Press and hold the power button to power on DJI RS 4 Mini, then select the language.
2. Enable Bluetooth on your smartphone.
3. Launch the Ronin app on your smartphone and register or log in with your DJI account. Tap Connect and select DJI RS 4 Mini. Enter the default password 12345678 and follow the on-screen instructions to activate DJI RS 4 Mini.
4. After successful activation, DJI RS 4 Mini will enter sleep mode. Press the power button once to exit sleep mode before use.

Note: *During activation, ensure your mobile device is connected to the internet. DJI RS 4 Mini supports up to five trials without activation. After that, activation is required for further use.*

3.2. Mounting and Balancing Your Camera

The DJI RS 4 Mini features automated axis locks and Teflon™ interlayers for smoother balancing.



Figure 3: Auto Axis Locks for quick setup

The auto axis locks allow you to quickly lock and unlock the gimbal axes, significantly speeding up setup and storage. To balance your camera:

1. Attach your camera to the quick-release plate.

2. Mount the quick-release plate onto the gimbal.
3. Unlock all axes.
4. Adjust each axis (tilt, roll, pan) until the camera remains stable in any position. Use the fine-tuning knob for precise adjustments.



Figure 4: Fine-tuning knob for precise balancing

3.3. Connecting to Your Camera

DJI RS 4 Mini supports both Bluetooth shutter connection and camera control cable connection.

Method 1: Bluetooth Shutter Connection

1. Enable Bluetooth and the remote control function of the camera.
2. On the touchscreen, swipe down from the top of the home page to enter the control center. Tap the Bluetooth icon in the upper right corner, and DJI RS 4 Mini will start searching for Bluetooth signals of surrounding devices.
3. Select the corresponding Bluetooth of your camera to connect. Certain camera models require a linking password. After successful linking, the Bluetooth icon turns blue.

Note: *DJI RS 4 Mini can connect to only one camera at a time. When connecting to another camera, it will automatically disconnect from the previously connected camera. For information on camera compatibility, please check the Ronin Series Compatibility page on the official DJI website.*

Method 2: Camera Shutter Control Cable Connection

Please select the corresponding camera control cable according to your camera model. Plug one end of the cable to the shutter control port on the camera and plug the other end into the camera control port on DJI RS 4 Mini.

Note: *Cables not included in the box require additional purchase.*

4. Operating

4.1. Intelligent Tracking and Composition

The new DJI RS Intelligent Tracking Module keeps the human subject in a consistent position within the frame, particularly useful for orbit shots, backward tracking, and fixed-position tracking.

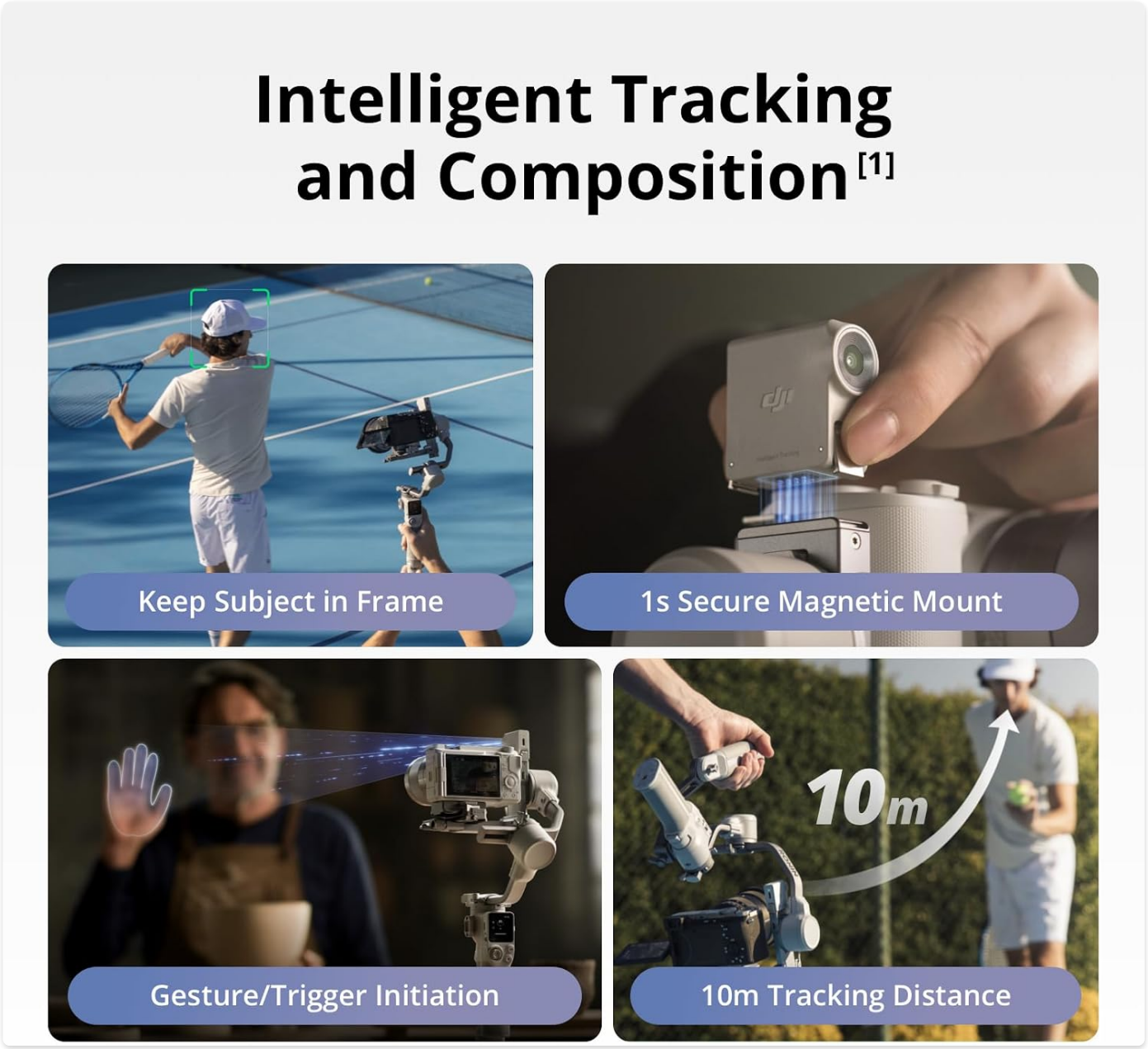


Figure 5: Intelligent Tracking features including subject tracking and magnetic mount

- **10m Tracking Distance:** The module supports tracking up to 10 meters. If the subject temporarily leaves the frame,

the gimbal can find and follow the subject again.

- **1s Initiation with Gesture/Trigger:** Open your palm towards the tracking module to start/stop intelligent tracking, perfect for selfies. You can also press the trigger once to initiate.
- **1s Secure Magnetic Mount:** The tracking module features a magnetic quick-release design, allowing it to attach to the tilt axis in just one second.

Note: *This function is only supported in the PF (pan and follow) and PTF (pan and tilt follow) modes. Not supported in the FPV (pan, tilt, and roll follow) mode. The RS Intelligent Tracking Module only supports detecting human subjects and can follow only one subject at a time.*

4.2. Vertical Shooting

RS 4 Mini offers the fastest switch between horizontal and vertical shooting in the RS series. All can be done in 10 seconds, perfectly suited for mobile phone viewing.

4.3. Gimbal Controls and Shortcuts

The DJI RS 4 Mini features an upgraded display and UI for clearer icons and smoother operation. It also includes various buttons and controls for efficient operation.

- **Power Button:** Press and hold for power on/off. Press once/twice for Sleep/Wake. Press once with the gimbal powered off to check current battery level.
- **Trigger:** Press and hold to enter Lock/FPV mode. Press twice to recenter the gimbal. Press three times to enter Selfie mode.
- **Front Dial:** Default setting is electronic focusing. You can change the function on the touchscreen.
- **Camera Control Button:** Press halfway for autofocus. Press once for start/stop recording. Press and hold for taking a photo.
- **Joystick:** Control Power Zoom for PZ lenses or Clear Image Zoom by pushing the joystick. Control tilt axis movement (default setting) by pushing up or down. Control pan axis movement (default setting) by pushing left or right.
- **M Button:** Press once to customize to Take Photos or C1/Fn1 Button Mapping. Press and hold to enter Sport Mode. Press and hold the M button while pressing the trigger twice to enter and remain in Sport Mode. Repeat to exit. Press and hold the M button and trigger to start auto tune.

4.4. Payload Capacity and Compatibility

The lightweight DJI RS 4 Mini supports up to 2kg (4.4lbs) payload, able to handle mirrorless and vlog cameras, and phones, adapting seamlessly to your creative scenario.



Figure 6: The DJI RS 4 Mini supports mirrorless cameras, vlog cameras, and smartphones.

4.5. Battery and Charging

The DJI RS 4 Mini offers a 13-hour maximum operating time, providing ample power for all-day filming. It also supports fast charging, offering a 5-hour use with just a 30-minute charge.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your DJI RS 4 Mini.

5.1. Cleaning

- Wipe the gimbal body with a soft, dry cloth.
- For stubborn dirt, use a slightly damp cloth and then dry thoroughly.
- Avoid using harsh chemicals or abrasive materials that could damage the surface.

5.2. Storage

- Store the gimbal in a cool, dry place away from direct sunlight and extreme temperatures.
- When storing for extended periods, ensure the battery is charged to approximately 50-60% to preserve battery health.
- Utilize the auto axis locks to secure the gimbal for compact storage and transport.

6. Troubleshooting

6.1. DJI Ronin App Compatibility

Due to platform compatibility issues, the DJI Ronin app has been removed from Google Play. For Android users, please visit the official DJI website to download the user manual and the latest DJI Ronin app for a better experience.

6.2. Vehicle-Mounted Shooting

DJI RS 4 Mini is not compatible with the expansion base kit and cannot be used for vehicle-mounted shooting.

7. Specifications

Feature	Detail
Product Dimensions	9.29 x 2.52 x 12.44 inches (Folded Size) / 7.17"D x 6.89"W x 13.3"H
Item Weight	2.31 pounds (1050 Grams)
Item Model Number	6941565991959
Batteries	1 CR5 battery required (included)
Manufacturer	DJI
Color	Gray
Compatible Devices	Camera, Smartphone
Maximum Weight Recommendation	2 Kilograms (4.4 lbs)
UPC	190021117051

7.1. Camera Compatibility List

DJI RS 4 Mini Camera Compatibility List

Bluetooth Shutter Control Supported

Sony	A9 A9 II A6600 A6400 A7R V A7R IV A7R III A7M4 A7M3 A7S3 FX3 FX30 ZV-E1 ZV-E10 ZV-E10 II A7C A7C II A7CR A6100 RX100 VII A6700
Canon	EOS R7 EOS R6 EOS R6 Mark II EOS R5 EOS R EOS RP EOS R100 EOS R50 G7 X Mark III EOS M50 EOS M50 Mark II EOS M6 Mark II
Nikon	Z5 Z 7II Z 6II Z6III Z50 Z30 Z fc Z f

Multi-Camera Control Cable or Bluetooth Shutter Control Supported

Sony	A9 A9 II A6600 A6400 A7R V A7R IV A7R III A7M4 A7M3 A7S3 FX3 FX30 ZV-E1 ZV-E10 ZV-E10 II A7C A7C II A7CR A6000 A6100 A6300 A6500 A7M II A7R II RX100 VII A6700		
Canon	EOS R7 EOS R6 EOS R6 Mark II EOS R5 EOS R5 Mark II EOS R EOS RP EOS R100 EOS R50 G7 X Mark III EOS M50 EOS M50 Mark II EOS M6 Mark II		
Nikon	Z7 Z5 Z 7II Z 6II Z6III Z50 Z30 Z fc Z f	Sigma	FP
Panasonic	GH7 GH6 GH5 GH5S S5 II S5 S5 M2X G9M2 BGH1 G9	Olympus	E-M1 Mark II
Fujifilm	X-H1 X-H2 X-H2s X-T2 X-S10 X-T30 II X-T4 X-T3		

Figure 7: Detailed compatibility list for Bluetooth shutter control and multi-camera control cable.

8. Warranty & Support

For official warranty information, technical support, and the latest software updates, please visit the official DJI website. The DJI website is the primary resource for comprehensive support and user manuals.

As mentioned in the product features, the DJI Ronin app for Android users is available for download directly from the official DJI website due to platform compatibility issues.

For any product-related inquiries or assistance, please refer to the contact information provided on the official DJI support page.

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Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question