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› DJI RSC 2 Pro Combo User Manual

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Model: DJI RSC 2 Pro Combo

Brand: DJI

PRODUCT OVERVIEW

The DJI RSC 2 Pro Combo is a professional-grade 3-axis gimbal stabilizer designed for DSLR and mirrorless cameras. Its foldable and compact design makes it highly portable, while the advanced Titan Stabilization Algorithm ensures smooth, professional-quality footage. This manual provides detailed instructions for setting up, operating, and maintaining your DJI RSC 2 Pro Combo.

Key Features

- **Foldable, Compact Design:** Easy transportation and storage, smaller than a sheet of A5 paper when folded.
- **Titan Stabilization Algorithm:** Captures smoother footage, with SuperSmooth compensating for micromovements and increasing torque for up to 100mm zoom lenses.
- **1-inch OLED Screen:** Built-in screen provides complete control and real-time information at your fingertips.
- **Manfrotto + Arca Dual-Layer Camera Mounting Plate:** Compatible with popular camera brands, allowing quick switching to portrait mode.
- **Extended Battery Life:** Advanced battery provides a 14-hour runtime and supports fast charging.
- **Wide Camera Compatibility:** Supports a broad range of DSLR and mirrorless cameras from brands like Sony, Nikon, Canon, Panasonic, and Fujifilm.

WHAT'S IN THE BOX

The DJI RSC 2 Pro Combo includes a comprehensive set of accessories to enhance your filming experience. Please verify all components are present upon unboxing.

Kompakt und handlich

Faltbares Design



Image: All components included in the DJI RSC 2 Pro Combo package, laid out neatly. This includes the gimbal, carrying case, various cables, lens support, extended grip/tripod, quick-release plate, focus motor, and other mounting accessories.

- DJI RSC 2 Gimbal
- Carrying Case
- USB-C Charging Cable (40 cm)

- Lens Support
- Extended Grip/Tripod (Metal)
- Quick-Release Plate (Arca-Swiss/Manfrotto)
- Camera Riser
- Phone Holder
- Focus Motor
- Focus Motor Rod Mount Kit
- Focus Gear Strip
- Image Transmitter
- Cold Shoe to 1/4"-20 Adapter
- USB-C Power Cable (20 cm)
- Mini-HDMI to HDMI Cable (20 cm)
- Mini-HDMI to Mini-HDMI Cable (20 cm)
- Mini-HDMI to Micro-HDMI Cable (20 cm)
- Multi-Camera Control Cable (USB-C, 30 cm) x 2
- Multi-Camera Control Cable (Sony Multi, 30 cm)
- Multi-Camera Control Cable (Micro-USB, 30 cm)
- Multi-Camera Control Cable (Mini-USB, 30 cm)
- Hook-and-Loop Strap x 2
- D-Ring Camera Mounting Screw 1/4"-20 x 2
- M4 Screw (10 mm) x 6
- Allen Wrench (3 mm)
- Screw 1/4"-20 x 1

SETUP

Unfolding the Gimbal

The DJI RSC 2 features a foldable design for portability. To unfold, gently extend the arms until they click into place. Ensure all locks are securely fastened before mounting your camera.

Äußerst kompatibel

1,2 kg Gewicht / 3 kg getestete Zuladung



Image: The DJI RSC 2 gimbal in its compact, folded state, neatly stored within its dedicated carrying case, demonstrating its portability.

Mounting and Balancing Your Camera

Proper balancing is crucial for optimal performance and battery life. Follow these steps carefully:

1. **Attach the Quick-Release Plate:** Secure the quick-release plate to the bottom of your camera using the provided D-Ring screw.
2. **Mount the Camera:** Slide the camera with the attached quick-release plate onto the gimbal's mounting base. Ensure it locks securely.
3. **Balance Each Axis:**
 - **Tilt Axis:** Unlock the tilt axis. Adjust the camera's position forward or backward until it remains level when tilted. Tighten the lock.
 - **Roll Axis:** Unlock the roll axis. Adjust the horizontal position of the camera until it remains level. Tighten the lock.
 - **Pan Axis:** Unlock the pan axis. Hold the gimbal horizontally and adjust the vertical arm until the camera remains stable without drifting. Tighten the lock.
4. **Fine-tuning:** Perform small adjustments until the camera remains perfectly still in any orientation when the motors are off.





Image: The DJI RSC 2 gimbal with a mirrorless camera securely mounted and balanced, ready for operation. The image highlights the overall structure and how the camera integrates with the stabilizer.

Connecting Cables

Connect the appropriate multi-camera control cable from the gimbal to your camera's control port to enable features like record start/stop, focus control, and more. Refer to your camera's manual for port locations and the DJI Ronin app for specific camera compatibility and connection guides.

Powering On/Off

Press and hold the power button for a few seconds to turn the gimbal on or off. Ensure the gimbal is properly balanced before powering on to prevent motor strain.

OPERATING THE GIMBAL

OLED Screen Interface

The 1-inch built-in OLED screen provides real-time information on battery level, operating mode, motor parameters, and allows you to adjust settings directly. Navigate through menus using the joystick and buttons located on the handle.

Integrierter OLED-Bildschirm

1-Zoll OLED-Bildschirm



Image: A close-up view of the DJI RSC 2's 1-inch OLED screen, showing various operational settings and modes, indicating user control at a glance.

Operating Modes

The DJI RSC 2 offers several intelligent operating modes to suit different shooting scenarios:

- **Pan Follow:** The camera follows your pan movements while keeping the tilt and roll axes stable.
- **Tilt Follow:** The camera follows your tilt movements while keeping the pan and roll axes stable.
- **FPV (First Person View):** All three axes follow your movements, providing a dynamic, immersive perspective.
- **Portrait Mode:** Quickly switch to vertical shooting for social media content by tapping the dedicated button.
- **Sport Mode:** Increases motor response speed for fast-paced action shots.
- **SuperSmooth:** Enhances stabilization for longer focal length lenses by compensating for micromovements.

Using the Ronin App

Download the DJI Ronin app (available for iOS 11.0+ and Android 7.0+) to unlock advanced features, fine-tune parameters, and utilize intelligent shooting modes like ActiveTrack 3.0 and Force Mobile.

Intelligente Live-Ansicht auf der Fernsteuerung

RavenEye Bildübertragungssystem



Image: A smartphone mounted on the DJI RSC 2, displaying the DJI Ronin app interface with ActiveTrack 3.0 actively tracking a subject, demonstrating the intelligent live view and remote control capabilities.

Image Transmission (RavenEye)

The included RavenEye Image Transmission System allows for live view monitoring on your smartphone from up to 200

meters away, with a low latency feed. This is crucial for remote monitoring, ActiveTrack functionality, and remote control of the gimbal.



Image: A person operating the DJI RSC 2 gimbal with a camera attached, filming a boxer in a ring, illustrating the practical application of the stabilizer in a dynamic shooting environment.

Official Product Videos

No official product videos from the seller were available in the provided data to embed in this manual.

BATTERY AND CHARGING

The DJI RSC 2 features an advanced battery providing up to 14 hours of runtime. It supports fast charging for minimal downtime.

- **Charging:** Connect the USB-C charging cable to the gimbal's charging port and a USB power adapter (not included).
- **Battery Level:** Check the battery level on the OLED screen or via the Ronin app.
- **Charging Indicator:** The LED indicator on the gimbal will show charging status.

MAINTENANCE

Cleaning

- Wipe the gimbal with a soft, dry cloth.

- Do not use liquid cleaners, solvents, or abrasive materials.
- Keep the motor axes and joints free from dust, dirt, and debris.

Storage

- Store the gimbal in its folded state within the carrying case to protect it from physical damage.
- Keep it in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for extended periods (more than 10 days), ensure the battery is charged to approximately 50-60% to prolong its lifespan.

TROUBLESHOOTING

Gimbal Not Powering On

- Ensure the battery is sufficiently charged.
- Verify that the power button is pressed and held for the required duration (typically a few seconds).

Unstable Footage / Vibrations

- **Re-balance the camera on all three axes carefully.** This is the most common cause of instability.
- Ensure all axis locks are disengaged before powering on the gimbal.
- Check for any physical obstructions preventing free movement of the gimbal arms.
- Update the gimbal firmware to the latest version via the Ronin app.

Camera Not Responding to Controls

- Verify that the correct multi-camera control cable is connected securely between the gimbal and the camera.
- Ensure your camera model is compatible with the DJI RSC 2 and its control features.
- Check camera settings (e.g., USB mode, PC remote control) as per the Ronin app's connection guide for your specific camera.

App Connection Issues

- Ensure Bluetooth is enabled on your mobile device.
- Restart both the gimbal and your mobile device.
- Reinstall the DJI Ronin app if issues persist.

SPECIFICATIONS

Feature	Specification
Model	DJI RSC 2 Pro Combo

Brand	DJI
Product Dimensions (Unfolded)	15.75 x 7.28 x 6.89 inches (400 x 185 x 175 mm)
Folded Size	260 x 210 x 75 millimeters
Item Weight	6.93 pounds (3.15 Kilograms)
Maximum Weight Recommendation	3 Kilograms (6.6 lbs)
Batteries	1 Lithium Polymer battery required (Built-in)
Compatible Devices	DSLR and Mirrorless Cameras
Color	Black
Date First Available	October 15, 2020

15.75"



7.28"

6.89"

Image: Visual representation of the DJI RSC 2 gimbal's dimensions, showing its height, width, and depth.

WARRANTY AND SUPPORT

For detailed warranty information, technical support, and service requests, please visit the official DJI website or contact DJI customer service directly. Always retain your proof of purchase for any warranty claims.

You can find additional resources and support on the [DJI Store on Amazon](#).

Consider available protection plans for extended coverage:

- 3-Year Protection Plan (ASIN: B07P83RFRS)
- Complete Protect (ASIN: B07RZ3LSHM)

IMPORTANT SAFETY INFORMATION

To ensure safe operation and prevent damage to your DJI RSC 2 Pro Combo, please adhere to the following safety guidelines:

- Do not operate the gimbal in extreme weather conditions such as heavy rain, snow, or strong winds.
- Ensure the camera is securely mounted and perfectly balanced before powering on the gimbal.
- Keep fingers, hair, and loose clothing away from moving parts of the gimbal during operation.
- Do not attempt to disassemble, modify, or repair the gimbal yourself. Contact authorized service personnel for any repairs.
- Use only official DJI accessories and charging cables to avoid damage and ensure optimal performance.
- Avoid dropping or subjecting the gimbal to severe impacts.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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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

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