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DJI CP.MA.00000369.01

DJI Air 2S Fly More Combo with Smart Controller - Instruction Manual

Model: CP.MA.00000369.01

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1. PRODUCT OVERVIEW

The DJI Air 2S is a compact and powerful aerial photography drone, designed for creators on the move. It features a 1-inch CMOS sensor capable of capturing 5.4K/30fps and 4K/60fps video, along with advanced autonomous functions for enhanced flight safety and creative possibilities. Weighing less than 21 oz., this all-in-one drone is ideal for recording your world in stunning detail.



Image: The DJI Air 2S drone in flight, showcasing its compact design against a scenic backdrop.

Official Product Video: DJI Air 2S: All In One

Video: An official overview of the DJI Air 2S, highlighting its key features and capabilities in various environments.

2. WHAT'S IN THE Box

The DJI Air 2S Fly More Combo with Smart Controller package includes the following items:

- Aircraft x1
- DJI Smart Controller x1
- Intelligent Flight Battery x3
- Battery Charger x1
- AC Power Cable x1
- Low-Noise Propellers (Pair) x6
- Type-C Cable x1
- Gimbal Protector x1
- ND Filters Set (ND4/8/16/32) x1
- Battery Charging Hub x1
- Battery to Power Bank Adapter x1
- Shoulder Bag x1
- 24 W USB Charger x1
- Spare Control Sticks (pair) x1

3. SETUP GUIDE

3.1 Initial Activation

Before using your DJI Air 2S for the first time, activation is required. After powering on the aircraft and the Smart Controller, follow the on-screen instructions to activate the DJI Air 2S using the DJI Fly app. An internet connection is necessary for this activation process.

3.2 Battery Charging

Ensure all Intelligent Flight Batteries and the Smart Controller are fully charged before flight. Use the provided Battery Charger and Charging Hub to charge the flight batteries. The Smart Controller can be charged via its USB-C port using the 24W USB Charger and Type-C Cable.

3.3 Propeller Installation

Attach the propellers to the motor bases. Match the propellers with orange marks to the motors with orange marks, and unmarked propellers to unmarked motors. Press down on the propeller and rotate it in the direction of the lock icon until it is securely fastened.

3.4 Smart Controller Setup

The DJI Smart Controller comes with a built-in screen, eliminating the need for a separate mobile device. Ensure the control sticks are screwed into place. The controller features various ports including USB-C for charging and data transfer, and an HDMI port for video output.



Image: The DJI Smart Controller, showing its integrated screen, joysticks, and control buttons.

4. OPERATING THE DJI AIR 2S

4.1 Flight Characteristics

The DJI Air 2S offers a stable and reliable flight experience. It utilizes DJI's advanced O3 (OcuSync 3.0) image transmission technology, providing an ultra-smooth, clear, and reliable image feed up to 7.5 miles (12 km) away. The drone has a maximum flight time of 31 minutes per Intelligent Flight Battery.

4.2 Imaging Features

Equipped with a 1-inch CMOS sensor and large 2.4 μ m pixels, the DJI Air 2S captures high-quality visuals. It supports 5.4K/30fps and 4K/60fps video recording. The 10-bit Dlog-M color profile can record up to one billion colors, retaining fine details. The included ND Filters Set (ND4/8/16/32) helps manage exposure in various lighting conditions.

4.3 Intelligent Flight Modes

- **MasterShots:** An advanced intelligent feature that automatically executes complex flight maneuvers and records short cinematic video sequences with a single tap.
- **FocusTrack:** Includes Spotlight 2.0, ActiveTrack 4.0, and Point of Interest 3.0, allowing the drone to follow or circle a subject while keeping it in the frame. Note: FocusTrack is not available while recording in 5.4K/30fps, 5.4K/25fps, 5.4K/24fps, 4K/60fps, 4K/50fps, 4K/48fps, 2.7K/60fps, 2.7K/50fps, 2.7K/48fps, 1080p/120fps, 1080p/60fps, 1080p/50fps, and 1080p/48fps. It is also not available when shooting 5.4K video.

4.4 Safety Features

- **Obstacle Sensing:** The drone perceives its environment in four directions (up, down, forward, and backward) to actively avoid obstacles, even in complex scenarios and at high speeds.
- **APAS 4.0:** Advanced Pilot Assistance System helps the drone autonomously navigate around obstacles. Note: APAS 4.0 is not available while recording in 5.4K/30fps, 5.4K/25fps, 5.4K/24fps, 4K/60fps, 4K/50fps, 4K/48fps, 2.7K/60fps, 2.7K/50fps, 2.7K/48fps, 1080p/120fps.
- **ADS-B (AirSense):** Receives signals from nearby aircraft and alerts the pilot via the DJI Fly app, enhancing airspace safety.
- **Return to Home (RTH):** Automatically returns the drone to its takeoff point if the battery is low or the connection is lost.
- **Geo-fencing:** Prevents the drone from flying into restricted airspace zones.

5. MAINTENANCE

5.1 Battery Care

For optimal battery life, store Intelligent Flight Batteries at approximately 60% charge when not in use for extended periods. Avoid fully discharging or overcharging batteries. Always use official DJI charging equipment.

5.2 Gimbal and Camera Protection

Always attach the Gimbal Protector when transporting the drone to prevent damage to the camera and gimbal system.

5.3 Propeller Inspection

Regularly inspect propellers for any signs of damage, cracks, or bends. Replace damaged propellers immediately using the provided spare propellers to ensure safe and stable flight.

6. TROUBLESHOOTING

6.1 Drone Not Activating

Ensure your Smart Controller is connected to the internet and the DJI Fly app is up to date. Follow the on-screen prompts carefully during the activation process.

6.2 Loss of Signal

If the drone loses connection with the Smart Controller, it will automatically initiate the Return to Home (RTH) function. Ensure you maintain visual line of sight with the drone whenever possible and avoid flying in areas with

strong interference.

6.3 Obstacle Avoidance Issues

Ensure all vision sensors on the drone are clean and unobstructed. Avoid flying in extremely complex or dense environments at high speeds where sensor performance might be limited. Remember that APAS 4.0 has limitations in certain video recording modes.

7. SPECIFICATIONS

Feature	Detail
Brand	DJI
Model Name	CP.MA.00000369.01
Color	Gray
Video Capture Resolution	5.4K
Optical Sensor Technology	CMOS (1-inch)
Max Flight Time	31 Minutes
Max Video Transmission Range	7.5 Miles (12000 Meters)
Obstacle Sensing	4 Directions (Up, Down, Forward, Backward)
Item Weight	1.31 pounds (595 Grams)
Product Dimensions	12" L x 10" W x 8" H
Battery Cell Composition	Lithium Polymer
UPC	190021037243

8. WARRANTY & SUPPORT

For detailed warranty information and customer support, please refer to the official DJI website or contact DJI customer service directly. Keep your proof of purchase for warranty claims.

Online resources and FAQs are available at: www.dji.com/support