

DJI E1DJIAIR3SRC2

DJI Air 3S Fly More Combo Instruction Manual

Model: E1DJIAIR3SRC2 | Brand: DJI

1. PRODUCT OVERVIEW

The DJI Air 3S Fly More Combo is an advanced drone system designed for aerial photography and videography, featuring a dual-camera setup with a 1-inch CMOS wide-angle camera and a 1/1.3-inch CMOS medium tele camera. It offers enhanced imaging capabilities, omnidirectional obstacle sensing, extended flight time, and intelligent features for a superior flight experience. This manual provides essential information for the safe and effective operation of your DJI Air 3S.



Figure 1.1: DJI Air 3S Fly More Combo and included accessories.

2. WHAT'S IN THE BOX

The DJI Air 3S Fly More Combo includes the following components:

- DJI Air 3S Aircraft x1
- DJI RC 2 Remote Controller x1
- DJI Air 3S Intelligent Flight Battery x3
- DJI Shoulder Bag x1
- DJI Air 3S ND Filter Set (ND8/32/128) x1
- Battery Charging Hub x1
- Spare Propellers (Pair) x3
- Type-C to Type-C PD Cable x1
- Gimbal Protector x1
- Lexar High-Performance 128GB 633x microSDXC UHS-I Memory Card x1
- Deco Gear Drone Photography Travel Backpack x1

- Deco Gear Landing Pad 31.5" Double-Sided Reflective w/ Spokes & Case x1

Figure 2.1: Contents of the DJI Air 3S Fly More Combo.

3. SETUP GUIDE

3.1 Charging Batteries

Before first use, fully charge all Intelligent Flight Batteries and the DJI RC 2 Remote Controller. Use the provided charging hub for drone batteries. A compatible USB-C charger (sold separately, DJI 65W Portable Charger recommended) is required for the charging hub and remote controller.

3.2 Installing Propellers

Attach the propellers to the corresponding motor bases. Match the marked propellers to the marked motor bases (e.g., silver ring to silver ring, no ring to no ring). Ensure they are securely fastened by pressing down and twisting in the lock direction.

3.3 App Installation and Activation

The DJI Air 3S requires the DJI Fly app for operation. If using the DJI RC 2, the app is pre-installed. For other compatible remote controllers (like DJI RC-N3), download the latest version of the DJI Fly app from the official DJI website. The DJI Air 3S must be activated via the DJI Fly app before use.

3.4 Linking Aircraft and Remote Controller

Follow the instructions in the DJI Fly app to link the aircraft with the remote controller. Ensure both devices are powered on and in close proximity during the linking process.

4. OPERATING INSTRUCTIONS

4.1 Flight Operations

Familiarize yourself with the flight controls on the DJI RC 2. Always perform a pre-flight check, including propeller security, battery levels, and clear flight path. Take off and land in open, clear areas. The drone offers a maximum flight time of 45 minutes and a video transmission range of up to 20km.



Long-Distance Connectivity

Stay connected up to 20 km away.^[5] Live feeds are smooth and vivid, with ultra-responsive control for an improved overall flight experience.

Max Transmission Distance

20 km

HD Transmission Quality

10-bit 1080p/60fps

Figure 4.1: Maximize your air time with 45-minute flight capability.

4.2 Camera Features

The DJI Air 3S features a dual-camera system. The 1-inch CMOS wide-angle camera and 1/1.3-inch CMOS medium tele camera capture stunning 4K/60fps HDR video with up to 14 stops of dynamic range. It supports 10-Bit D-Log M and HLG color modes for professional-grade footage. Utilize the Free Panorama mode to create seamless panoramic shots.



HDR Video with 14 Stops of Dynamic Range

Capture cinematic footage of high-contrast scenes with 4K/60fps HDR video. 14 stops of dynamic range allow you to vividly see rich, vibrant colors. ^[4]

4K/60fps

HDR Video

14 Stops

Dynamic Range

Figure 4.2: Upgraded 1-inch CMOS and 1/1.3-inch CMOS cameras for crystal-clear image quality.



Capture Every Subtle Movement in 4K/120fps ^[9]

The wide-angle camera lets you capture vibrant perspectives, while the medium-tele camera lets you see even the most minute movements.

Figure 4.3: HDR Video with 14 Stops of Dynamic Range.

4.3 Intelligent Features

- **Omnidirectional Obstacle Sensing:** Forward-facing LiDAR and additional sensors enable the drone to detect and avoid obstacles in all directions, enhancing safety, especially during nighttime flights.
- **Smart Return-To-Home (RTH):** Powerful algorithms allow the Air 3S to intelligently select the optimal RTH route and quickly return to the Home Point, even in areas with weak GPS signals.
- **Smart Focus:** Maintain clarity of your subject even when they are off-center through various camera maneuvers, such as pulling away and tracking shots.

Enhancing Drone Flight Safety

Air 3S memorizes flight paths when adequate lighting is available for safe returns, even in areas with weak GPS signals.^[6]

 Non-GPS RTH

 Nighttime RTH

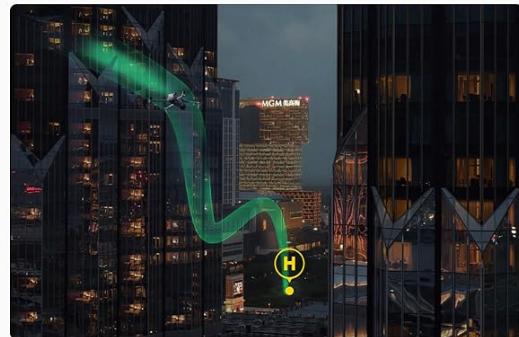


Figure 4.4: Identify and Avoid Obstacles in All Directions.

A New Air Aesthetic

Minimizes background elements to keep your subject center frame and maintain focus, even if they are partially covered by obstacles.



Figure 4.5: Enhancing Drone Flight Safety with Smart RTH.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your DJI Air 3S.

- **Propeller Inspection:** Before each flight, inspect propellers for any cracks, bends, or damage. Replace damaged propellers immediately.
- **Cleaning:** Gently wipe the drone's body, camera lens, and sensors with a soft, dry cloth. Avoid using harsh chemicals.
- **Battery Care:** Store batteries at approximately 50-60% charge if not used for extended periods. Avoid overcharging or completely discharging batteries.
- **Gimbal Protection:** Always attach the gimbal protector when transporting or storing the drone to prevent damage to the camera and gimbal system.

6. TROUBLESHOOTING

6.1 Firmware Updates

When the aircraft is connected to the remote controller and a new firmware version is available, the DJI Fly app will send a firmware update prompt. Follow the in-app instructions to update the firmware for the aircraft, remote

controller, battery, and other devices. You can also update via the DJI Assistant 2 (Consumer Drones Series) software on a computer.

6.2 Flight Safety and Obstacle Avoidance

Always check and strictly abide by local laws and regulations before flying. The omnidirectional obstacle sensing system requires sufficient lighting and textured surfaces to function effectively. In complex environments with many obstacles, exercise caution when using Auto mode to ensure flight safety and personal safety. Avoid flying in severe weather conditions (strong winds, rain, snow, fog) or near strong radio interference sources (Wi-Fi hotspots, routers, power transmission stations).

6.3 GPS Signal Issues

If GNSS signals are weak, fly the aircraft in well-lit environments. Buildings, mountains, and trees may block the GNSS signal and affect the onboard compass. Smart RTH can still function in weak GPS signal areas by memorizing flight paths in well-lit conditions.

7. SPECIFICATIONS

Feature	Specification
Brand	DJI
Model Name	E1DJIAIR3SRC2
Item Weight	1.6 pounds (724 Grams)
Product Dimensions	10.48" L x 12.81" W x 4.17" H
Video Capture Resolution	4K
Effective Still Resolution	48 MP
Optical Sensor Technology	CMOS (1" Wide-Angle, 1/1.3" Medium Tele)
Max Flight Time	45 Minutes
Max Video Transmission Distance	20 km
Connectivity Technology	Bluetooth, Wi-Fi
Control Type	Remote Control (DJI RC 2 included)
Battery Cell Composition	Lithium Polymer
Built-in Storage	42GB
Special Features	10-Bit D-Log M and HLG Color Modes, Day and Night Omnidirectional Avoidance, Forward-Facing LiDAR Sensor, Multiple Pre-Programmed Flight Modes

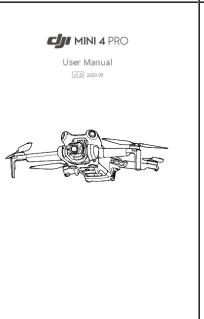
8. WARRANTY AND SUPPORT

The DJI Air 3S Fly More Combo comes with a FULL USA Warranty from DJI USA Authorized. Additionally, a 2-Year CPS Extended Warranty is included with this bundle, providing extended coverage for your product.

For technical support, troubleshooting assistance, or warranty claims, please refer to the official DJI support channels or contact the seller, NorthFront, for assistance with the extended warranty. Always retain your proof of purchase for warranty purposes.

It is recommended to regularly visit the official DJI website for the latest product information, firmware updates, and support resources.

Related Documents

 <p>DJI MAVIC 4 PRO Quick Start Guide 快速入门指南 v1.0</p> <p></p> <p></p> <p></p> <p>https://www.dji.com/mavic-4-pro/quickstart The document is subject to change without prior notice. DJI and MAVIC are trademarks of DJI. Copyright © 2020-19. All Rights Reserved. </p>	<p>DJI Mavic 4 Pro Quick Start Guide</p> <p>A concise guide to setting up and operating the DJI Mavic 4 Pro drone. Covers battery activation, power controls, using the DJI Fly app, identifying drone and DJI RC Pro 2 controller components, and software update information.</p>
 <p>DJI MINI 2 User Manual (EN) 2020.11</p> <p></p>	<p>DJI Mini 2 User Manual: Comprehensive Guide to Operation and Safety</p> <p>Explore the DJI Mini 2 user manual for detailed instructions on setup, flight modes, remote controller operation, DJI Fly app features, and essential safety guidelines for this advanced drone.</p>
 <p>DJI MINI 4 PRO User Manual (EN) 2020.09</p> <p></p>	<p>DJI Mini 4 Pro User Manual</p> <p>Comprehensive user manual for the DJI Mini 4 Pro drone, covering setup, flight operations, safety guidelines, intelligent flight modes, camera features, and specifications.</p>



[DJI Mavic 3 Classic User Manual: Advanced Drone Operation and Features](#)

Explore the capabilities of the DJI Mavic 3 Classic drone with this comprehensive user manual. Learn about its advanced vision systems, intelligent flight modes, remote controller operation, safety protocols, and specifications for optimal aerial photography and videography.