




dji Mini 4 Pro Drone and Remote Control Instructions

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dji Mini 4 Pro Drone and Remote Control



Product Information

The product is a DJI aircraft model MT4MFVD. It operates on multiple frequencies: 2.4000-2.4835 GHz, 5.170-5.250 GHz, and 5.725-5.850 GHz. The transmitter power (EIRP) for the 2.4 GHz frequency is not specified in the provided text.

Product Usage Instructions

1. **Flight Environment:** When flying the aircraft, avoid taking off from sandy areas like deserts or beaches to prevent sand from entering the aircraft. It is recommended to fly the aircraft in open areas as buildings, mountains, and trees can block the GNSS signal and affect the on-board compass.
2. **Flight Operation:** Take precautions to stay away from rotating propellers and motors. Ensure that the aircraft batteries, remote controller, and mobile device are fully charged before use. Familiarize yourself with the selected flight mode and understand all safety functions and warnings. Avoid touching the air intake as it may generate high temperatures when the aircraft is powered on, which can cause burns. Keep DJITM Fly and aircraft firmware updated to the latest version. When there is a low battery or high wind warning, land the aircraft in a safe location. Use the remote controller to control the speed and altitude of the aircraft to avoid collisions during Return-to-Home.
3. **Battery Safety Notice:** Handle the batteries with care by keeping them clean and dry. Avoid contact between the batteries and liquid, moisture, or rain. Do not drop the batteries into water as it may cause an explosion or fire. Only use DJI batteries and chargers for optimal performance. Do not use swollen, leaking, or damaged batteries; contact DJI or a DJI-authorized dealer in such situations. Do not disassemble or pierce the battery. If any electrolytes from the battery come into contact with your skin or eyes, immediately wash the affected area with water and seek medical support. Keep the batteries out of the reach of children and animals. If a battery is involved in a crash or heavy impact, do not use it. In case of a battery fire, use water, sand, or a dry powder fire extinguisher to extinguish it. Avoid exposing the battery to fire or leaving it near heat sources such as furnaces, heaters, or inside vehicles on hot days. Store the battery away from direct sunlight. Do not store the battery for an extended period after fully discharging as it may over-discharge and cause irreparable damage to the battery cell. If a low power level battery has been stored for an extended period, recharge it to bring it out of hibernation.

Safety at a Glance

By using this product, you signify that you have read, understand, and accept the terms and conditions of this guideline and all instructions at <https://www.dji.com/mini-4-pro>. EXCEPT AS EXPRESSLY PROVIDED IN AFTER-SALES SERVICE POLICIES AVAILABLE AT ([HTTPS://WWW.DJI.COM/SERVICE/POLICY](https://www.dji.com/service/policy)), THE PRODUCT AND ALL MATERIALS AND CONTENT AVAILABLE THROUGH THE PRODUCT ARE PROVIDED “AS IS” AND ON “AS AVAILABLE BASIS” WITHOUT WARRANTY OR CONDITION OF ANY KIND. This product is not intended for children.

SAFETY INSTRUCTIONS

Flight Environment

WARNING:

- DO NOT use the aircraft in severe weather conditions including heavy wind exceeding 10.7 m/s, snow, rain,

fog, hail, or lightning.

- DO NOT take off from an altitude more than 4,000 m (13,123 ft) above sea level. DO NOT fly the aircraft in environments where the temperature is below -10° C (14° F) or above 40° C (104° F).
- DO NOT take off from moving objects such as cars, ships, and airplanes.
- DO NOT fly close to reflective surfaces such as water or snow. Otherwise, the vision system may be limited.
- When the GNSS signal is weak, fly the aircraft in environments with good lighting and visibility. Low ambient light may cause the vision system to work abnormally.
- DO NOT fly the aircraft near areas with magnetic or radio interference, including Wi-Fi hotspots, routers, Bluetooth devices, high-voltage lines, large-scale power transmission stations, radar stations, mobile base stations, and broadcasting towers.

NOTICE:

- Be careful when taking off in the desert or from a beach to avoid sand entering the aircraft.
- Fly the aircraft in open areas. Buildings, mountains, and trees may block the GNSS signal and affect the on-board compass.

Flight Operation

WARNING:

- Stay away from rotating propellers and motors.
- Make sure the aircraft batteries, remote controller, and mobile device are fully charged.
- Be familiar with the selected flight mode and understand all safety functions and warnings.
- The air intake may generate a high temperature when the aircraft is powered on. DO NOT touch the air intake to avoid burns.

NOTICE:

- Make sure DJITM Fly and aircraft firmware have been updated to the latest version.
- Land the aircraft in a safe location when there is a low battery or high wind warning.
- Use the remote controller to control the speed and altitude of the aircraft to avoid collisions during Return-to-Home.

Battery Safety Notice

WARNING:

- Keep batteries clean and dry. DO NOT allow liquid to come into contact with the batteries. DO NOT leave batteries covered in moisture or out in the rain. DO NOT drop the batteries into water. Otherwise, an explosion or fire may occur.
- DO NOT use non-DJI batteries. It is recommended to use DJI chargers.
- DO NOT use swollen, leaking, or damaged batteries. In such situations, contact DJI or a DJI-authorized dealer.
- The batteries should be used at a temperature between -10° to 40° C (14° to 104° F). High temperatures can

cause an explosion or fire. Low temperatures will reduce the performance of a battery.

- DO NOT disassemble or pierce the battery in any way.
- The electrolytes in the battery are highly corrosive. If any electrolytes come into contact with your skin or eyes, immediately wash the affected area with water and seek medical support.
- Keep the batteries out of the reach of children and animals.
- DO NOT use a battery if it is involved in a crash or heavy impact.
- Extinguish any battery fire using water, sand, or a dry powder fire extinguisher.
- DO NOT charge the battery immediately after the flight. The battery temperature may be too high and may cause serious damage to the battery. Allow the battery to cool down to close to room temperature before charging. Charge the battery at a temperature range of 5° to 40° C (41° to 104° F). The ideal charging temperature range is 22° to 28° C (72° to 82° F). Charging at the ideal temperature range can prolong battery life.
- DO NOT expose the battery to fire. DO NOT leave the battery near heat sources such as a furnace, heater, or inside a vehicle on a hot day. Avoid storing the battery in direct sunlight.
- DO NOT store the battery for an extended period after fully discharging. Otherwise, the battery may over-discharge and cause irreparable damage to the battery cell.
- If a battery with a low power level has been stored for an extended period, the battery will enter deep hibernation mode. Recharge the battery to bring it out of hibernation.

Specifications

Aircraft

(Model: MT4MFVD)

- Operating Temperature -10° to 40° C (14° to 104° F)
- O4
- Operating Frequency 2.4000-2.4835 GHz, 5.170-5.250 GHz, 5.725-5.850 GHz
- Transmitter Power (EIRP)
 - 2.4 GHz: <33 dBm (FCC), <20 dBm (CE/RRRC/MIC)
 - 5.1 GHz: <23 dBm (CE)
 - 5.8 GHz: <33 dBm (FCC), <14 dBm (CE), <30 dBm (RRRC)

Wi-Fi

- Protocol 802.11a/b/g/n/ac
- Operating Frequency 2.4000-2.4835 GHz, 5.725-5.850 GHz
- Transmitter Power (EIRP)
 - 2.4 GHz: <20 dBm (FCC/CE/RRRC/MIC)
 - 5.8 GHz: <20 dBm (FCC/RRRC), <14 dBm (CE)

Bluetooth

- Protocol Bluetooth 5.0
- Operating Frequency 2.4000-2.4835 GHz

- Transmitter Power (EIRP) <10 dBm

Remote Controller

(Model: RC151)

- Operating Temperature -10° to 40° C (14° to 104° F)
- O4
- Operating Frequency 2.4000-2.4835 GHz, 5.170-5.250 GHz, 5.725-5.850 GHz
- Transmitter Power (EIRP)
 - 2.4 GHz: <33 dBm (FCC), <20 dBm (CE/RRRC/MIC)
 - 5.1 GHz: <23 dBm (CE)
 - 5.8 GHz: <33 dBm (FCC), <30 dBm (RRRC), <14 dBm (CE)

Intelligent Flight Battery

(Model: BWX140-2590-7.32)

- Charging Temperature 5° to 40° C (41° to 104° F)
- Capacity 2590 mAh
- Standard Voltage 7.32 V
- Support Charger DJI 30W USB-C Charger or other USB Power Delivery charger

Compliance Information

FCC Compliance Notice

Supplier's Declaration of Conformity

- **Product name:** DJI Mini 4 Pro
- **Model Number:** MT4MFVD
- **Responsible Party:** DJI Research LLC
- **Responsible Party Address:** 435 Portage Ave, Palo Alto, CA 94306
- **Website:** www.dji.com

We, DJI Research LLC, being the responsible party, declare that the above-mentioned model was tested to demonstrate compliance 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, under 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 by 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 the receiver.
- Connect the equipment to 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

The aircraft complies with FCC radiation exposure limits set forth for an uncontrolled environment. To avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm during normal operation. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This remote controller complies with FCC radiation exposure limits set forth for an uncontrolled environment. The end user must follow the specific operating instructions to satisfy RF exposure compliance. This transmitter must not be co-located 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 Federal Communications Commission (USA). These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body.

ISED Compliance Notice

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

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science, and Economic Development Canada's license-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.

This equipment complies with RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. The end user must follow the specific operating instructions to satisfy RF exposure compliance. This transmitter must not be co-located 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 ISED. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body.

EU Compliance Statement:

SZ DJI TECHNOLOGY CO., LTD. hereby declares that this device (DJI Mini 4 Pro, Model: MT4MFVD) complies with the essential requirements and other relevant provisions of the Directive 2014/53/EU.

A copy of the EU Declaration of Conformity is available online at www.dji.com/euro-compliance

EU contact address:

DJI GmbH, Industriestrasse 12, 97618, Niederlauer, Germany

CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

Environmentally friendly disposal

Old electrical appliances must not be disposed of together with the residual waste, but have to be disposed of separately. The disposal at the communal collecting point via private persons is for free. The owner of old appliances is responsible to bring the appliances to these collecting points or to similar collection points. With this little personal effort, you contribute to recycling valuable raw materials and the treatment of toxic substances.

MFi Compliance Notice

MADE FOR IPHONE

Use of the Made for Apple badge means that an accessory has been designed to connect specifically to the Apple product(s) identified in the badge and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Please note that the use of this accessory with an Apple product may affect wireless performance.

CLASS 1 CONSUMER LASER PRODUCT

EN50689:2021/ EN60825-1:2014+A11:2021/ IEC60825-1:2014. Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019.

The label is affixed to the DJI Mini 4 Pro. DO NOT disassemble the laser range finder, otherwise you may be injured by the laser.



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- DJI SUPPORT



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