# Dronavia

# USER MANUAL & INSTRUCTIONS

## CONVERSION KIT C5 FOR *dji* MAVIC 3

FLIGHT MANUAL (C5) - PRS-FTS-MOC KRONOS AD MAVIC 3 V2.1

# SUMMARY

# SUMMARY

# WE MAKE YOUR DRONE SAFER

Since 2015, Dronavia has been designing innovative accessories in France to enhance the safety of professional drones. Developed and manufactured in our own workshops, the Kronos range — including Parachute Recovery System and internal Flight Termination System — is the result of 8 years of research and development, fully complying with EASA requirements for C5 Class.

Thanks to these certified safety systems, drone pilots benefit from the highest levels of protection and risk management for their flight operations.

Thank you for your trust, and enjoy your flight with the DJI Mavic 3.

Ludovic Pelletey, Dronavia's CEO.

### Version 2.0

- Initial release.

### Version 2.1 – 05/05/2025

- Implementation of an automatic lockout for the parachute system below 20 meters altitude to prevent ineffective or accidental deployment.

# VERSION NOTE

# TUTORIAL

Parachute Recovery System Installation

Parachute Recovery System Rearming

Flight Termination System Testing Procedure

User's manual Klick trigger remote control

# DRONAVIA
# UPDATER

Dronavia has recently launched an innovative software solution specifically designed to simplify the updating of Kronos systems. Thanks to this new software, Dronavia customers can now manage and update their systems more quickly and easily.

Download Dronavia
Updater software

Congratulations on acquiring your Kronos MVC3 C5 conversion kit, which includes a Parachute Recovery System & autonomous Flight Termination System, specifically designed for the DJI Mavic 3 drone.

The Kronos MVC3 C5 conversion kit complies with the technical requirements of the EASA-defined C5 Class category and has been developed through a rigorous R&D process, ensuring the highest level of safety for flight operations under STS-01 scenarios.

Based in Remiremont, France, Dronavia is here to support you with the use of your Kronos MVC3 C5 conversion kit and to answer any technical or commercial questions you may have.

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**GENERAL** presentation

The Kronos MVC3 Parachute Recovery System and Flight Termination System have been specifically designed for DJI Mavic 3 drones, with the primary goal of ensuring ultra-fast deployment to optimize deceleration and minimize impact energy in the event of an in-flight issue.

Multirotor drones, even when properly maintained and operated, can sometimes encounter emergency situations—such as severe weather conditions, radio transmission failure, propulsion system malfunction, or GPS signal loss—where immediate activation of a safety system is crucial.

In such critical scenarios, the combined deployment of the Flight Termination System and Parachute Recovery System can mean the difference between a minor incident and a serious accident. Kronos MVC3 systems are engineered to activate and deploy in under one second.

# GENERAL presentation

**TO BE READ CAREFULLY**

These safety devices do not guarantee the integrity of the equipment, nor the absence of damage to property or injury to persons. They are complementary safety features, designed to enhance existing safety measures. Under no circumstances shall Dronavia or its distributors be held liable for any malfunction, perceived performance shortcomings, or failure to deploy.

# COMPLIANCE
## with C5 Class

**TO BE READ CAREFULLY**

The Kronos MVC3 Parachute Recovery System and Flight Termination System form a conversion kit specifically designed to upgrade a Class C2 drone to Class C5, in full compliance with the technical and regulatory requirements set by EASA.

# COMPLIANCE with C5 Class

A Class C5 UAS complies with the requirements defined in Part 4, except for those specified in points 2) and 10) of Part 4.

In addition, it meets the following requirements:

1. It must be an aircraft other than a fixed-wing aircraft, unless it is a tethered aircraft;
2. If equipped with a geo-awareness function, it must comply with point 10) of Part 4;
3. During flight, it must provide the remote pilot with clear and concise information regarding the UA's height above the surface or take-off point;
4. Unless it is a tethered aircraft, it must be equipped with a selectable low-speed mode that limits the maximum ground speed to 5 m/s;
5. Unless it is a tethered aircraft, it must provide the remote pilot with a means to interrupt the UA's flight, which must:
6. a) Be reliable, predictable, and independent of the automatic flight guidance and control system—including its activation;
7. b) Force the descent of the UA and prevent horizontal powered movement;
8. c) Include a means to reduce the impact energy of the UA;
9. Unless it is a tethered aircraft, it must allow the remote pilot to continuously monitor the quality of the command and control link and provide:
10. a) An alert when the link is about to degrade or disconnect to the extent that safety is compromised;
11. b) A second alert when the link is fully disconnected;
12. In addition to the instructions specified in point 15(a) of Part 4, the manufacturer's instructions must also include a description of the flight termination method as defined in point 5);
13. A Class C5 UAS may be a Class C3 UAS fitted with an accessory kit that transforms it into a Class C5 UAS. In this case, the C5 class label must be affixed to all accessories.

The accessory kit may only transform a Class C3 UAS that complies with point 1) and includes the necessary interfaces for use with the accessories.

The accessory kit must not include any modifications to the software of the Class C3 UAS.

The accessory kit is designed and each component is identified in a way that ensures it can be completely and correctly installed by a UAS operator on a Class C3 UAS, following the instructions provided by the kit manufacturer.

The accessory kit may be placed on the market independently of the Class C3 UAS it converts. In this case, the kit manufacturer must place on the market a conversion kit that:

1. Does not compromise the compliance of the Class C3 UAS with Part 4 requirements;
2. Ensures that the UAS equipped with the accessory kit meets all additional requirements outlined in this part, except for point 3) above;
3. Is accompanied by manufacturer's instructions that include:
4. i) A list of all Class C3 UAS models compatible with the kit;
5. ii) Detailed instructions on how to properly install and operate the accessory kit.

EASA
European Aviation Safety Agency
APPROVED

# COMPLIANCE

## with C5 Class

The Kronos AD Mavic 3 and 30T drones are specially designed and tested by Dronavia, based on DJI drones originally marked as C2 — specifically the DJI Mavic 3 and 30T models.

The information contained in this manual is intended to complement the original DJI drone manual. In the event of conflicting information, the content of this manual shall prevail. The Kronos AD Mavic 3 and 30T drones are C5-classified systems, based on the original C2 classification of the DJI Mavic 3 and 30T.

The modifications made to the DJI Mavic 3 and 30T include the integration of a Parachute Recovery System (PRS), an independent Flight Termination System (FTS) not connected to the flight controller, a dedicated remote control (FT Link) for triggering the PRS and FTS—independent from the main C2 communication link—and additional components designed to minimize drone damage in the event of parachute deployment.

The C5 classification is only valid when all required components are present during flight: PRS / FTS / RC and the additional protective elements. The original DJI warranty remains valid, provided the drone is restored to its original factory condition before being sent to DJI for after-sales service. Please contact Dronavia or your authorized reseller for further information.

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# WARNINGS

## & safety precautions

The Kronos MVC3 conversion kit includes two safety accessories designed to, under certain conditions, prevent the equipped drone from exiting its regulatory flight envelope by cutting its motors, and to avoid free fall in the event of a critical failure.

Activating the Flight Termination System and/or the Parachute Recovery System will inevitably result in the drone falling.

These systems do not prevent technical failures from occurring. Any drone operation inherently involves a risk to equipment and nearby individuals, regardless of the safety systems in place. The use of the Kronos MVC3 Flight Termination System and Parachute Recovery System must never lead to increased risk-taking during flight operations.

# WARNINGS
## & safety precautions

**TO BE READ CAREFULLY**

Dronavia may suspend the warranty and disclaim any responsibility for anyone who fails to adhere to the basic safety instructions outlined below.

Before handling the Kronos MVC3 systems, you must carefully read this manual. It provides information on the deployment of the Parachute Recovery System and the Flight Termination System. In addition to the important notes and information mentioned in this manual, the device owner must comply with all the essential safety instructions outlined below.

# SAFETY
## instructions to follow

**1** It is forbidden to carry out any manipulations other than those specified in the manual.

**2** The device should only be used by or under the supervision of a responsible adult. Always keep the device out of the reach of children. Do not let them play with it.

**3** Do not under any circumstances dismantle the various parts of the device, except when resetting it in accordance with the instructions in this manual.

**4** Do not place the device in a damp or wet environment and keep it out of direct sunlight.

**5** Do not expose the system to high temperatures, strong shocks, shock hazards, contact with chemicals or acids, or long-term storage in a high-humidity or dusty environment. The maximum operating temperature is 40°C and the minimum operating temperature is -5°C.

**6** Check that the Kronos Mavic 3 Parachute Recovery System and Flight Termination System is in good condition before each use. Do not use the device if it is damaged. If necessary, contact your dealer.

**7** The Kronos Mavic 3 Parachute Recovery System and Flight Termination System cannot prevent the drone from malfunctioning.

**8** Any flight with a drone implies the existence of a risk for equipment and people in the vicinity, with or without Kronos Mavic 3 safety systems.

**9**  Using a Kronos Mavic 3 Parachute Recovery System and Flight Termination System should in no way increase your risk.

**10**  The Kronos Mavic 3 Parachute Recovery System and Flight Termination System attempts to prevent a drone experiencing a malfunction from free-falling. However, there are fall situations in which the effectiveness of the Kronos Mavic 3 parachute system may be limited or impeded.

**11**  The Kronos Mavic 3 Parachute Recovery System and Flight Termination System can be actively deployed by the user. Regular training is necessary to be able to react correctly in an emergency.

**12**  The spring ejection system only works once. You can recharge the system yourself by following the instructions in this manual. It is your responsibility to ensure that the system is under warranty.

**13**  When reloading, it is forbidden to do so with people nearby, and especially with the barrel pointing in their direction. You must take the same precautions as when handling a loaded rifle. In the event of accidental firing during this stage or mishandling, the spring could be ejected and cause serious injury. Safety glasses must be worn.

**14**  After deploying the device, we recommend that you carefully inspect each component to ensure its integrity. If in doubt, contact your reseller.

**15**  After switching on the system, if the LED changes to a steady red, do not use it and contact your dealer for assistance.

| PART | QUANTITY | IMAGE | C5 LABEL | DESCRIPTION |
|---|---|---|---|---|
| PRS | 1 |  | YES | The Kronos Mavic 3 plug & play Parachute Recovery System for DJI Mavic 3 makes your flights safer by slowing your drone's falling speed and impact energy in the event of a problem. The parachute can be deployed automatically or manually using the Klick trigger remote control. |
| FTS | 1 |  | | The Kronos Mavic 3 plug & play FTS, developed for the DJI Mavic 3, prevents the drone equipped with it from leaving its regulation flight envelope by cutting (manually or automatically) the drone's power supply in less than a second. |
| KLICK | 1 |  | | The Klick trigger remote control offers a fast and secure means of remotely deployed your Kronos safety accessories (PRS / FTS). Totally independent of the drone, this lightweight, ergonomic remote control is equipped with LED status indicators and a secure wireless connection. Designed to adapt to the different uses of professional drone operators and different DJI radio controllers, the Klick trigger remote control is supplied with 3 fixing supports. |
| Accessories: Extending the drone's landing gear | 4 |  | | DJI Mavic 3 leg extensions prevent damage to the drone during emergency landings. Drone leg extensions are quick and easy to replace. |

| PART | SOFTWARE VERSION | VERIFICATION METHOD | DIMENSIONS | MASS |
|---|---|---|---|---|
| PRS | MINI_ZEPHYR_v2.4 | See "System states" on page 30 | 18 x 3.9 x 4.5 cm | 130 G |
| FTS | CC_MOC_v1.4 | See "System states" on page 30 | 9 x 5.9 x 2 cm | 3 G |
| KLICK | Radio_MOC_v1.3 | See "System states" on page 30 | 32 x 28 x 13 mm | 20 G |
| Accessoires : Extension des jambes du drone | / | / | Avant : 60 x 16 x 16 mm<br>Arrière : 51 x 40 x 27 mm | Avant : 2 G<br>Arrière : 4 G |

# LISTING

## of drones compatible with the conversion kit

| MODEL | MANUFACTURER | CONFIGURATION | TESTED SOFTWARE VERSION | ORIGINAL C3 DECLARATION OF CONFORMITY |
|---|---|---|---|---|
| Mavic 3 T | DJI | Any payload if the take-off weight is less than 1.15 KG, including conversion kit. | v.09.00.05.05 | See appendix |
| Mavic 3 E | DJI | Any payload if the take-off weight is less than 1.15 KG, including conversion kit. | v.09.00.05.05 | See appendix |
| Mavic 3 M | DJI | Any payload if the take-off weight is less than 1.15 KG, including conversion kit. | v.09.00.05.05 | See appendix |
| Mavic 3 Pro | DJI | / | v.01.01.0500 | See appendix |
| Mavic 3 Pro Ciné | DJI | / | v.01.01.0500 | See appendix |

# CONFIGURATION

of the C2/C5 conversion kit

Two flight configurations are available, depending on your flight missions and requirements. You can fly in C2 or C5 configuration. To do this, follow the instructions below in order:

**1** When the C5 conversion kit is installed on the DJI Mavic 3 drone, (PRS + FTS) your drone is in C5 flight configuration.



**2** If you want to fly in C2 configuration, simply uninstall the parachute system (PRS) from the DJI Mavic 3 drone.



## Warning

In the case of a return for DJI after-sales service, the drone must be returned to the Dronavia workshop (or an approved reseller) so that our experts can remove the internal FTS system. Once the internal FTS has been removed, the drone reverts to class C2 status and retains the DJI warranty.
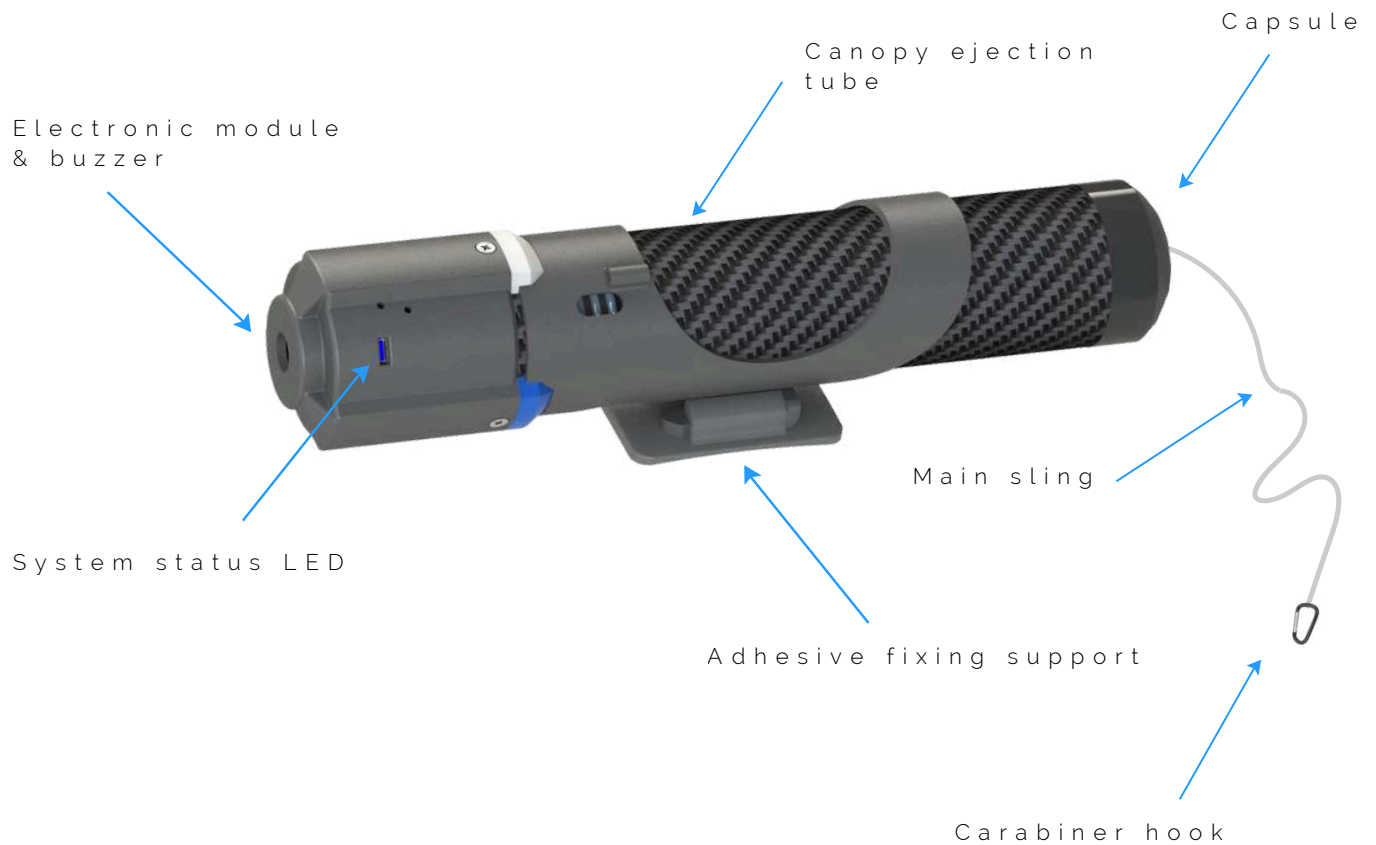
# KRONOS MVC3

## PARACHUTE RECOVERY SYSTEM FOR DJI MAVIC 3 ✔

# COMPONENTS
## presentation

Electronic module
& buzzer

Canopy ejection
tube

Capsule

System status LED

Main sling

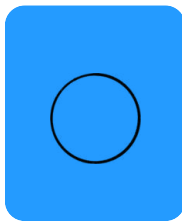Adhesive fixing support

Carabiner hook

ADDITIONAL ACCESSORIES SUPPLIED

Micro USB
cable

Adhesive fixing
support

Fixing
elastic

Train
extensions

# KRONOS MVC3

System Visual Representation

Kronos MVC3 Parachute
Recovery System

Drone DJI Mavic 3

# KRONOS MVC3

DJI remote controller
for DJI Mavic 3

Klick trigger
remote control

# KRONOS MVC3

Overview of Key System Figures

# KRONOS MVC3

## Technical specifications

| | |
|---|---|
| TOTAL WEIGHT | 130 GRAMMES |
| EJECTION DEVICE | SPRING PRESTRESSED |
| MINIMUM HEIGHT EFFICIENCY | FROM 20 METERS |
| COMMUNICATION WIRELESS RADIO | SRD860 WITH ENCRYPTED KEY (869 MHZ / 100 MW) |
| RANGE OF THE KLICK REMOTE CONTROL | 1500 METERS* |
| PARACHUTE AUTONOMY | 10 HOURS |
| KLICK REMOTE CONTROL AUTONOMY | 30 HOURS |
| ENERGY GROUND IMPACT | < 4 JOULES |
| OPERATING TEMPERATURE | -5°C TO 40°C |
| STORAGE TEMPERATURE | 10°C TO 40°C |

*can reach up to 1.5 km, under optimum conditions and in an environment free of obstacles and interference.

# KRONOS MVC3

## Operational limits

| | |
|---|---|
| MAXIMUM WIND SPEED AT GROUND LEVEL | 9,64 m/s |
| MINIMUM FLIGHT ALTITUDE (AGL) | 20 m |
| OPERATING TEMPERATURES | MIN : -5 °C<br>MAX : 40 °C |
| USABLE IN RAINY WEATHER | No |

# KRONOS MVC3

Dimensions and weights

DRONE

22.1 x 9.6 x 9.03 cm

900 g

PARACHUTE

18 x 3.9 x 4.5 cm

130 g

PARACHUTE + DRONE

22.1 x 9.6 x 9.03 cm

1150 g MTOM
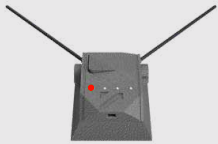
# KRONOS MVC3

## Minimum Size of the Ground Risk Buffer (GRB)

| OPERATING VOLUME VERTICAL LIMIT | SOIL-RELATED RISK BUFFER ZONE |
|---|---|
| 20 | 42 |
| 30 | 78 |
| 40 | 114 |
| 50 | 150 |
| 60 | 186 |
| 70 | 222 |
| 80 | 258 |
| 90 | 294 |
| 100 | 331 |
| 110 | 367 |
| 120 | 403 |

The ground risk threshold can be calculated as a function of different drone parameters and different assumptions. Please refer to the document dedicated to calculating the ground risk threshold, if you need to calculate more precise ground risk thresholds for your application.
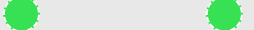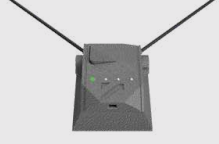
# SYSTEM
### states
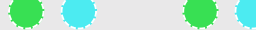
RAPID FLASHING

AUDIBLE BEEP
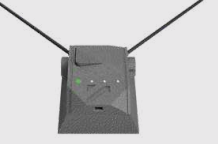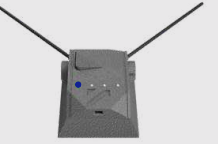
**System initialization**

## CONNECTION



SLOW FLASHING

**FTS Connected**



SLOW FLASHING

**FTS & PRS Connected**



SLOW FLASHING

FTS & PRS Connected with Autonomous Deployment



SLOW FLASHING

FTS not connected (Only the PRS is connected)
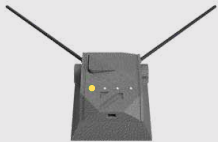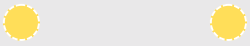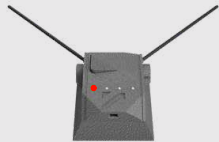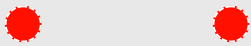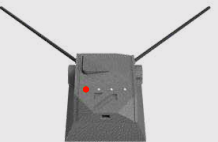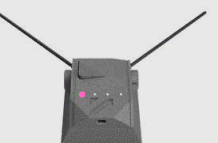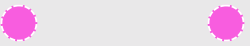
## ACTIVATION AND DEPLOYMENT



RAPID FLASHING

AUDIBLE BEEP

**FTS triggered only**



RAPID FLASHING

AUDIBLE BEEP

**FTS triggered & PRS deployed**
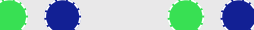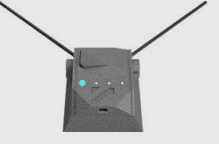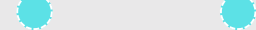


RAPID FLASHING

AUDIBLE BEEP

FTS triggered & PRS deployed with Autonomous deployment

## SYSTEM & BATTERY ALERTS

SLOW FLASHING

Signal lost with remote control (Klick)

SLOW FLASHING

Low battery

FIXED LED

System error

FIXED LED

Charging the battery

SLOW FLASHING

Signal scrambled

FIXED LED

Battery charged

Four LEDs let you check the status of the link between the Klick trigger remote control and your Kronos MVC3 conversion kit. The signal level is represented by the number of lights on: the more lights, the more stable the connection.

## The different LED states

| Lost signal | Low signal | Medium signal | Strong signal |
|---|---|---|---|
| FIXED LED | FIXED LED | FIXED LED | FIXED LED |
| 🔊 LONG BEEP | 🔊 DOUBLE SHORT BEEP | | |
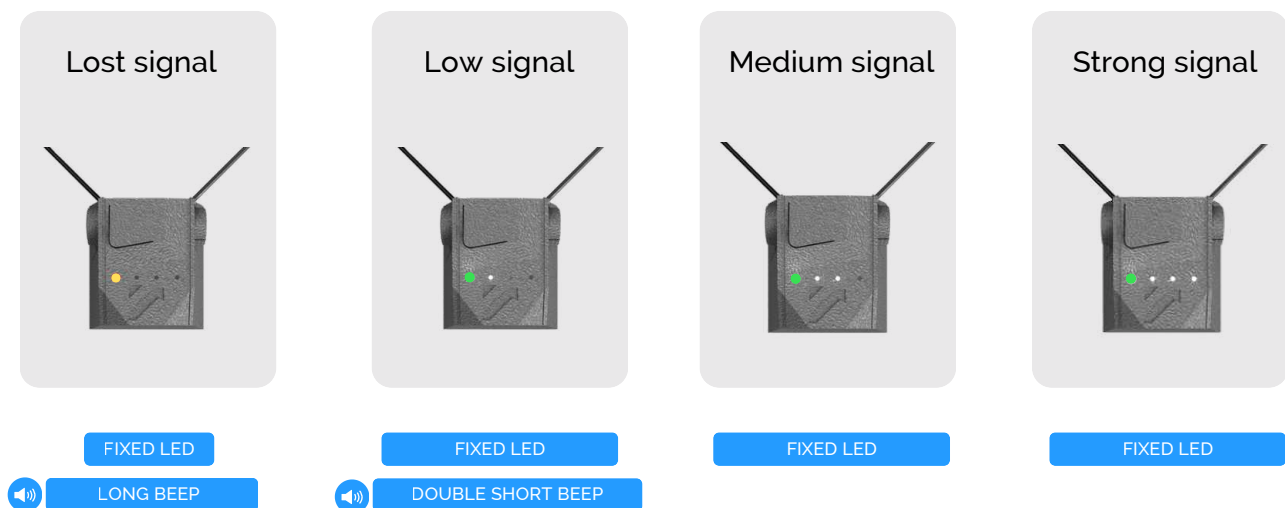
## Warning

**If the signal is lost, the manual release of the Parachute Recovery System and the Flight Termination System will become inoperative. Move closer to the drone to re-establish the link with the Klick remote control.**

# INSTRUCTIONS

adhesive support installation

To install the adhesive support supplied with the Kronos Mavic 3 parachute, follow the instructions below in order:

## Instructions

**1** Make sure that the support allows the battery to be changed and that no sensor has its field of vision obstructed.

**2** Apply adhesive fixings at least 24 hours before use. Adhesive fixings should only be installed on smooth surfaces. Porous or textured surfaces will not provide sufficient adhesion. When applying the fastener, apply sufficient pressure to ensure full contact over the entire surface.

**3** Apply adhesive fixings only to clean, dry surfaces. Wax, oil, dirt or other debris will reduce adhesion and may cause the mount and camera to fall off.

**4** Install the adhesive fixings at room temperature.

**5** The adhesive in the fixings will not adhere properly if applied in cold or damp environments or on cold or damp surfaces.

# INSTALLATION

## of the parachute system

The Kronos MVC3 parachute system can be installed in just a few minutes. To install it, please follow the instructions below in order:

## Skills & tools required

Designed to be quick and easy to use, the parachute system can be installed without any specific technical skills.

## Warning

For reasons of operational safety and to prevent inadvertent deployment, the MVC3 Parachute Recovery System incorporates an automatic lock that prevents deployment at altitudes below 20 metres. This limitation ensures that the parachute system can only be activated in conditions that guarantee the minimum effectiveness of the system. However, manual deployment of the parachute via the Klick trigger remote control remains possible. Be cautious when handling the powered-on parachute to avoid any unintentional ground deployment, which could cause physical injury or material damage.

1   Install the adhesive parachute fixing support on the front and centre of the DJI Mavic 3 drone.

## Warning

Make sure that the support allows no sensor to have its field of vision obstructed.

# INSTALLATION

## of the parachute system

**2** Install the parachute assembly on the drone, sliding the parachute fixing clip into the adhesive fixing support installed earlier.



**3** Pass the main parachute sling under the front right arm of the drone.



**4** Pass the main parachute sling under the front left arm of the drone.

**5** Hook the karabiner to the main sling by passing it under the canopy ejection tube. Then pass the elastic around the tube and the main sling. Move the elastic forward until the main sling is taut.
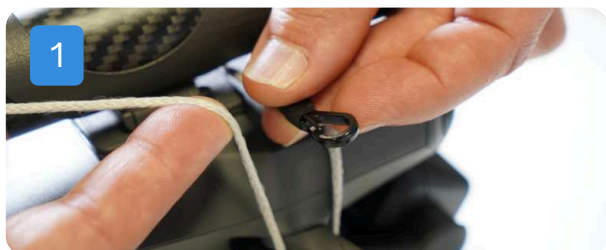








## Warning

Make sure that the parachute's main attachment sling is correctly attached to the drone's body and that there is no play that could cause it to come into contact with the propellers.

# INSTALLATION

### of the parachute system

**6** To protect the drone's feet in the event of an emergency landing, 4 DJI Mavic 3 drone landing gear extensions are supplied in the kit. Remove the self-adhesive tab for the two front extensions, then insert them. The two rear extensions clip directly onto the drone's rear landing gear.



Front



Front



Rear



Rear
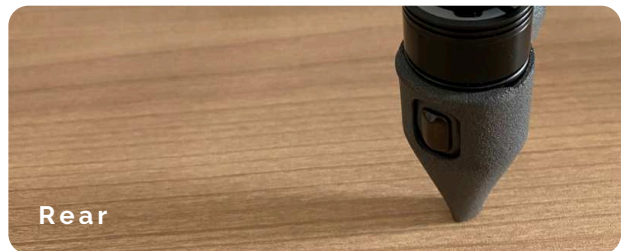
**7** Your Kronos MVC3 parachute is now operational.

**8** Each installation must be entered in the 'List of installations and de-installations and maintenance operations' section on page 65.

# INSTALLATION
## of the parachute system with accessory

| 1 | Install the adhesive parachute fixing support horizontally on the back of the DJI Mavic 3 drone. |



## Warning

**Make sure that the support allows no sensor to have its field of vision obstructed.**

# INSTALLATION

of the parachute system with accessory

**2** Install the parachute assembly on the drone, sliding the parachute fixing clip into the adhesive fixing support installed earlier.



**3** Pass the main parachute sling under the front right arm of the drone.

# INSTALLATION
## of the parachute system with accessory

**4** Pass the main parachute sling under the front left arm of the drone.



**5** Attach the karabiner to the main sling. Then pass the elastic around the tube and the main sling. Pull the elastic forward until the main sling is taut.



## Warning

Make sure that the parachute's main attachment sling is correctly attached to the drone's body and that there is no play that could cause it to come into contact with the propellers.

# INSTALLATION

of the parachute system with accessory

**6** To protect the drone's feet in the event of an emergency landing, 4 DJI Mavic 3 drone landing gear extensions are supplied in the kit. Remove the self-adhesive tab for the two front extensions, then insert them. The two rear extensions clip directly onto the drone's rear landing gear.

Front

Front

Rear

Rear
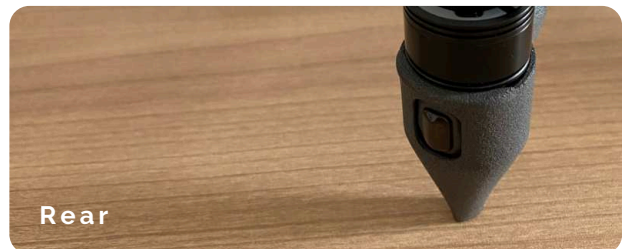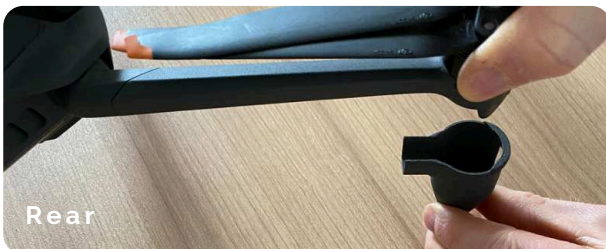
**7** Your Kronos MVC3 parachute is now operational.

**8** Each installation must be entered in the 'List of installations and de-installations and maintenance operations' section on page 65.

# INITIALIZATION

## of the parachute system

To initialize the Kronos MVC3 parachute system, follow these instructions in order:

## Instructions

**1** Switch on the parachute by holding down the black initialization button for 1 second. The LED indicates initialization by a sequence of colours and the audible alarm beeps 3 times to indicate that it is operating correctly. The LED then indicates the battery level. The LED then flashes yellow to indicate that the parachute is powered up.
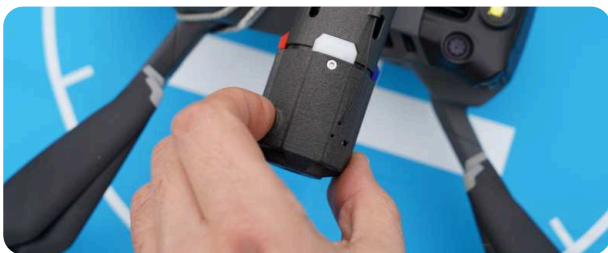



**2** Your Kronos MVC3 parachute is initialization started. ✅

## The different LED states

System initialization

RAPID FLASHING  🔊 BIP SONORE
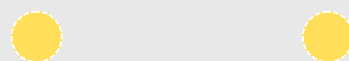
Parachute on, waiting to be activated

RAPID FLASHING

# ACTIVATION

## of the parachute system

To activate the Kronos MVC3 parachute system, follow the instructions below in order:

## Warning

For reasons of operational safety and to prevent inadvertent deployment, the MVC3 Parachute Recovery System incorporates an automatic lock that prevents deployment at altitudes below 20 metres. This limitation ensures that the parachute can only be activated in conditions that guarantee the minimum effectiveness of the system.

## Instructions

1. The Kronos MVC3 Parachute Recovery System automatically detects when your drone is ready to take off. During this phase, the LEDs on the parachute module and on the Klick remote control flash purple, and double beeps are emitted.

2. When the drone reaches an altitude of 20 metres, two distinct beeps confirm that the minimum threshold required to activate the autonomous parachute deployment function has been reached. The LEDs on the parachute module and on the Klick trigger remote control then flash dark blue.

3. Your Kronos MVC3 parachute system is active with the autonomous deployment function. ✅

## Warning

If there is no audible signal or dark blue LED, it is likely that the autonomous deployment function has not yet been activated due to insufficient altitude. To activate the autonomous deployment function, a minimum altitude of 20 metres is required.

# ACTIVATION

## of the parachute system

## The different LED states

Parachute not connected to the Klick remote control

SLOW FLASHING    AUDIBLE BEEP

Parachute connected to the Klick remote control

SLOW FLASHING    AUDIBLE BEEP

Autonomous deployment being activated
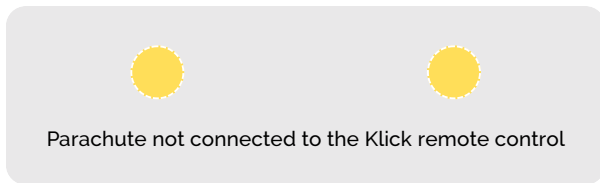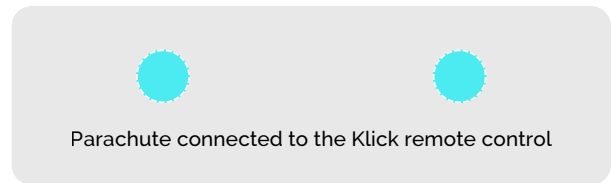
CONTINUOUS DOUBLE BEEP

SLOW FLASHING

Autonomous deployment activated
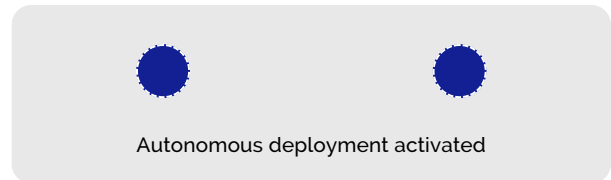
2 SHORT, LOUD BEEPS

SLOW FLASHING

# DEACTIVATION
of the parachute system

To deactivate the Kronos MVC3 parachute system, follow the instructions below in order:

## Instructions

**1** The Kronos MVC3 Parachute Recovery System automatically detects the landing of the DJI Mavic 3 drone. Approximately 5 seconds after detection, a beep is emitted and the LED stops glowing dark blue. The take-off detection module is then automatically deactivated. It will reactivate on the next flight, as soon as the drone reaches a minimum altitude of 20 metres.

## Warning

**If the dark blue LED on the Kronos MVC3 Parachute Recovery System remains lit, this indicates that the autonomous deployment function is still active. Do not manipulate the drone to avoid any risk of involuntary deployment. Wait a further 5 seconds for the automatic deactivation.**

**2** The autonomous deployment of the Kronos MVC3 parachute system is deactivated, but your parachute remains active and can be deployed using the Klick trigger remote control.

**3** Your Kronos MVC3 parachute system is active without the autonomous deployment function.
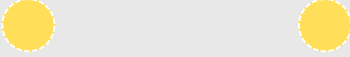
**4** To completely deactivate your Kronos MVC3 parachute system, if you have connected the parachute system to the drone using the cord supplied, switch off the DJI Mavic 3 drone and the parachute system will switch off automatically. Otherwise, switch off the Kronos MVC3 parachute system by pressing the start button for 2 seconds.

# DEACTIVATION
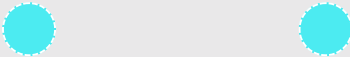
of the parachute system

## The different LED states

Parachute not connected to the Klick remote control

SLOW FLASHING    AUDIBLE BEEP

Parachute connected to the Klick remote control

SLOW FLASHING    AUDIBLE BEEP

# YOUR PARACHUTE IS ACTIVE AND OPERATIONAL!

# DEPLOYMENT

To deploy the Kronos MVC3 parachute System (with autonomous deployment or manually), observe the following safety instructions:

## Warning

**1** Never attempt to deploy the MVC3 Parachute Recovery System on the ground.

**2** The Kronos MVC3 Parachute Recovery System is designed to be deployed at a minimum height of 20 m from the ground in standard atmospheric conditions.

**3** For a fall from a height of 20 metres, the impact on the ground is less than 4 joules with the Kronos MVC3 Parachute Recovery System, compared with 226 joules without any device.

## Warnings

This data may vary depending on altitude above sea level, relative wind and many other external factors. That's why we recommend a minimum height of 20 m above ground level to deploy the Kronos MVC3 Parachute Recovery System and sufficiently limit the impact of your drone on the ground.

For reasons of operational safety and to prevent inadvertent deployment, the MVC3 Parachute Recovery System incorporates an automatic lock that prevents deployment at altitudes below 20 metres. This limitation ensures that the parachute can only be activated in conditions that guarantee the minimum effectiveness of the system.

# AUTONOMOUS
## deployment of the parachute system

## Instructions

**1** When autonomous deployment is activated, the parachute system analyses the flight parameters (altitude, acceleration, inclination, angular velocity) in real time. If any abnormal behaviour is detected, indicating a loss of control, the MVC3 Parachute Recovery System is automatically triggered, without pilot intervention.

## The different LED states

Parachute deployed with autonomous deployment function

🔊 AUDIBLE BEEP    RAPID FLASHING

# MANUAL

To manually deploy the Kronos MVC3 parachute system, follow the instructions below in order:

## Instructions

1    Find out how to deploy your Kronos MVC3 Parachute Recovery System manually with the help of our user and instruction manual for the Klick remote activation system.

# KLICK

manual deployment of the parachute

Consult our Klick user manual

# LOW-SPEED

### mode

European EASA regulations require the inclusion of a low-speed mode that can be selected on the drone and activated manually by the drone operator. When the low-speed mode is activated, the drone cannot exceed a speed of 5 m/s. To activate the low-speed mode (Mode T), follow the instructions below in order:

## Instructions

**1** Switch on your DJI remote control.

**2** Access the camera view, then click on the menu represented by the 3 dots at the top right of the screen. Check that the T/S/N flight mode is selected.



**3** Switch the flight mode selector on the DJI RC Plus radio control from mode N to mode F. Mode F corresponds to mode T.

# SPORT
### mode

The use of mode S (Sport) is prohibited when the C5 conversion kit is installed on the DJI Mavic 3 drone. All validation tests on the Kronos MVC3 system were carried out exclusively in N (Normal) mode, guaranteeing behaviour that complies with safety requirements.

## Warning

**When using SPORT mode, Dronavia accepts no responsibility for non-deployment, partial or delayed deployment of the parachute system, due to flight dynamics incompatible with the system's deployment parameters.**

# STATES
## of DJI remote controller

Indicators on the DJI remote controller allow you to check the signal status between the DJI Mavic 3 drone and the DJI remote controller during a flight.

## Strong signal



## Low signal



## Lost signal

# STOP
## of the parachute system

To stop the Kronos MVC3 parachute system, follow the instructions below in order:

## Warning

If the dark blue LED on the Kronos MVC3 parachute system remains lit, this indicates that the autonomous deployment function is still active. Do not manipulate the drone to avoid any risk of involuntary deployment. Wait a further 5 seconds for the automatic deactivation.

## Instructions

**1** Press and hold (3 seconds) the initialization button, the LED indicates the battery level and then goes out. the system is switched off.




**2** Switch off your Klick trigger remote control.

3   Your Kronos MVC3 parachute system has been shut down. ✔

## Warning

Any manipulation of the parachute while it is still  initialization started (moving the drone on foot or in a car) may result in a false autonomous deployment and deployment of the parachute. If the drone remains stationary for more than 10 minutes, the parachute will automatically switch off.

# DISMANTLING
## of the parachute system

To dismantle the entire Kronos MVC3 Parachute Recovery System, follow the installation instructions in reverse order.

## Instructions

1   **Each de-installation must be entered in the 'List of installations, de-installations and maintenance operations' section on page 65.**

# CHECKING
## of the parachute system battery

To check the battery status of the MVC3 parachute system, follow the instructions below in order:

## Instructions

**1** Press the parachute initialization button quickly. The number of flashes indicates the remaining charge level.





## The different LED states

1X ⬤ 25%          3X ⬤⬤⬤ 75%

2X ⬤⬤ 50%        4X ⬤⬤⬤⬤ 100%

RAPID FLASHING

# CHARGING
## of the parachute system battery

To charge the MVC3 parachute system battery, follow the instructions below in order:

## Instructions

**1** To recharge the parachute's battery, simply connect the USB-C cable supplied to the parachute's USB-C socket located near the initialization button. Then plug the USB socket into a computer.





## The different LED states



Battery charging

FIXED LED



Battery charged

FIXED LED

# RESETTING
## of the parachute system

In the event of a malfunction or any other bug, follow the instructions below in order:

## Instructions

**1** To reset the parachute system, there is a small hole in the back of the parachute. Slide a paper clip or other thin object through the hole, and a short press will reset the entire parachute system.



## Warning

If the malfunction persists, contact Dronavia customer service or your reseller.

# ANNUAL
## maintenance of parachute

Like all rescue parachute systems (rescue parachutes for paragliders or parachutists, avalanche airbags, etc.) Dronavia parachutes must undergo preventive maintenance to be kept in optimum working order. The only preventive maintenance operation is to replace the POD. It's a quick and easy operation, which means that pilots never have to leave their drone standing idle.

A use-by date is set for each POD. Dronavia disclaims all liability and cancels the warranty if your POD has exceeded this use-by date.

# PROCEDURES
## maintenance requirements

To be kept in optimum working order, each parachute system must undergo preventive or post-deployment maintenance. Here is a summary table of the mandatory maintenance operations:

| FREQUENCY | OPERATION | CAN BE MADE BY |
|---|---|---|
| Every year | Replacement of the canopy | Final user<br>**or**<br>DRONAVIA or any certified partner |
| Every 5 years | Mandatory manufacturer global maintenance | Manufacturer |
| After every deployment | Rearming of the parachute system | Final user<br>**or**<br>DRONAVIA or any certified partner |
| After every deployment | Replacement of the canopy<br>**or**<br>Repackaging of the canopy | Final user<br>**or**<br>DRONAVIA or any certified partner |
| After 30 deployments | Mandatory manufacturer global maintenance | Dronavia |

## Warning

If you wish to carry out global maintenance yourself, Dronavia will disengage its responsibility for the system, in addition to cancelling the warranty.

# LISTING
## parachute deployment failures

If the Kronos MVC3 parachute system deployment fails during flight, record the following:

| UAS Concerned with the failed activation | Accumulated Flight Hours at activation failure | Distance between Control Unit and UAS at activation attempt | Location of the operation | Presence of high power emitter in the operational volume |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |

# LISTING

## voluntary and intensive parachute deployments

If the Kronos MVC3 parachute system is deployed during flight, record the following:

| UAS Concerned with the failed activation | Accumulated Flight Hours at activation failure | Distance between Control Unit and UAS at activation attempt | Location of the operation | Was the activation commanded or un-commanded | Presence of high power emitter in the operational volume |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

## Warning

If the probability of failure observed in service is greater than 10-2/FH (taking into account the statistical uncertainty), the operator must inform the competent authority.

# LISTING

of installations / de-installations &
maintenance operations

To be kept in optimum working order, each parachute system must be monitored for installation, de-installation, firmware updates, preventive or post-deployment maintenance. The following table summarizes the operations to be listed:

| Date | Operation | Issues | Operator and signature |
|------|-----------|--------|------------------------|
|      |           |        |                        |
|      |           |        |                        |
|      |           |        |                        |
|      |           |        |                        |
|      |           |        |                        |
|      |           |        |                        |
|      |           |        |                        |
|      |           |        |                        |

# USE-BY DATE

## for the POD

Each POD has a use-by date to ensure that it remains in optimum working order:

The optimum life of a POD is 1 year. The use-by date is shown on the label on the back of the parachute.



A new expiry date label is supplied inside the POD to replace the original label on the parachute.
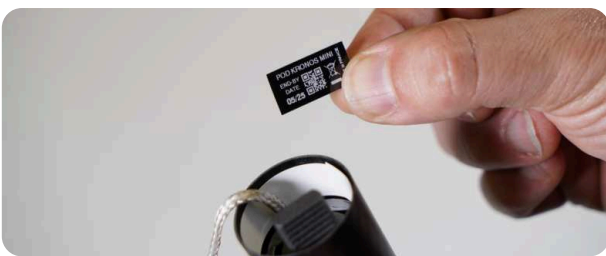


## Warnings

If a POD is used after its use-by date, Dronavia accepts no liability for partial or slower deployment of the parachute system.

# PROCEDURE
## of return of the POD for maintenance

There are several options for exchanging your POD that is past (or close to) its use-by date:

## Buy  99€

1. Buy a POD in advance from your dealer. You'll be able to continue flying during the annual maintenance of your first POD.

## Exchange  49€

2. Return your POD to a reseller and receive a new one at a preferential price.

## Warning

**Please plan in advance how long it will take to contact your reseller (order, delivery time, etc.) so as not to exceed the use-by date and jeopardise your flight missions.**

# DISMANTLING

of the POD system for maintenance

To remove the POD from the MVC3 parachute system, follow the instructions below in order:

## Instructions

**1** Switch off your DJI Mavic 3 drone, then remove the parachute from its mounting.





**2** Remove the karabiner, then remove the main sling from around the two front arms of the drone.

# DISMANTLING
of the POD system for maintenance

**3**    Remove the adhesive tape from the back of the parachute, then remove the capsule.



**4**    Remove the canopy from the ejector tube.



**5**    Send the used POD to Dronavia or your reseller.

# REARMING

## of the Kronos Parachute Recovery System

**TO BE READ CAREFULLY**

Once the Parachute Recovery System has been deployed, Kronos systems have been designed to be rearmed quickly, enabling telepilots to resume their missions without undue delay.

Simple reactivation procedures should be followed. As some of them may present risks, it is imperative that you read the instructions in this section carefully.

A use-by date is defined for each POD. Dronavia disclaims all liability and voids the warranty if your POD has exceeded this use-by date.

# REARMING
## of the parachute system

To rearm your MVC3 parachute system, follow the instructions below in order:

## Warning

**For reasons of operational safety and to prevent inadvertent deployment, the MVC3 Parachute Recovery System incorporates an automatic lock that prevents deployment at altitudes below 20 metres. This limitation ensures that the parachute system can only be activated in conditions that guarantee the minimum effectiveness of the system. However, manual deployment of the parachute via the Klick trigger remote control remains possible. Be cautious when handling the powered-on parachute to avoid any unintentional ground deployment, which could cause physical injury or material damage.**

## Instructions

**1**  Switch off your DJI Mavic 3 drone, then remove the parachute from its fixing support.

**2**  Remove the karabiner, then remove the main sling from around the two front arms of the drone.

3 Push back the parachute piston using the tool provided.
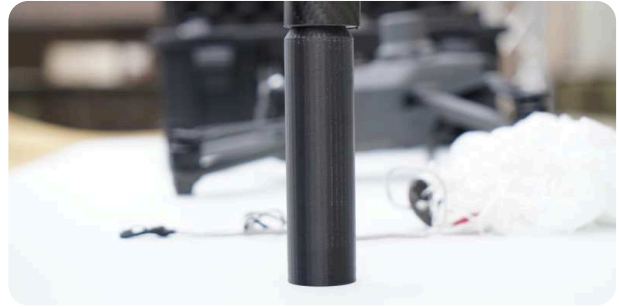


4 Take your new POD and remove the adhesive tape to gain access to the canopy.

**5** Remove the adhesive from the new POD, then pull the canopy out of the new POD.

**6**  Press the new canopy into the bottom of the tube of your Kronos Mavic 3 parachute.
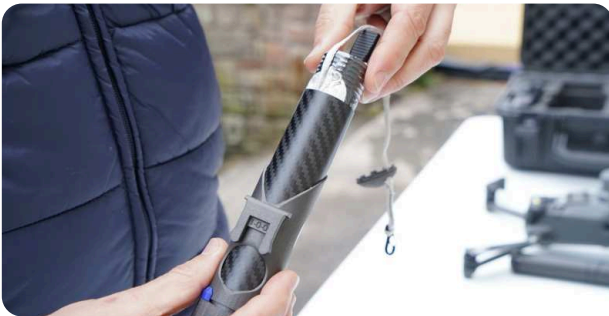


## Warning

Be sure to keep the main sling in line with the canopy when inserting it.

7  Maintain pressure while pulling the main sling out of the parachute.





8  Press down on the top part of the new POD to exert additional pressure and free up space for your thumb.
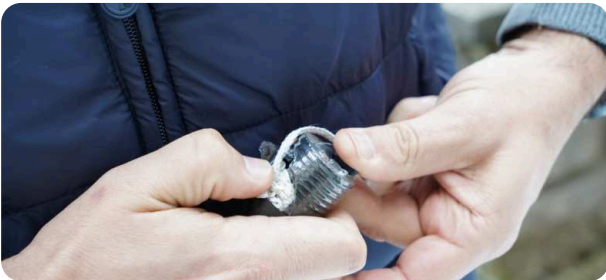








## Warning

**Remember to maintain firm pressure throughout.**

**9**    Remove the plastic sleeve surrounding the new fabric by pulling it outwards.

**10**    While continuing to exert pressure on the inserted cloth, remove the top part of the new POD.

# REARMING

**11**    Position the capsule and close the parachute with it.



## Warning

**Check that none of the canopy lines are blocked by the capsule.**

**12**    Stick the adhesive tape provided around the flat edge of the capsule.



## Warning

**Position the adhesive tape only on the flat edge of the capsule. If the tape supplied covers too much of the capsule, there is a risk that the parachute will not release or will release more slowly.**

**13** Install the parachute assembly on the drone, sliding the parachute fixing clip into the adhesive fixing support installed earlier.



**14** Pass the main parachute sling under the front right arm of the drone.

# REARMING
## of the parachute system

**15** Pass the main parachute sling under the front left arm of the drone.



**16** Attach the karabiner to the main sling. Then pass the elastic around the tube and the main sling. Pull the elastic forward until the main sling is taut.

# REARMING
## of the parachute system

## Warning

Make sure that the parachute's main attachment sling is correctly attached to the drone's body and that there is no play that could cause it to come into contact with the propellers.

**17** Each time the POD system is replaced, the information must be entered in the 'Listing of installations and de-installations and maintenance operations' section on page 65.

**18** Your Kronos MVC3 parachute is rearmed. ✅

# YOUR PARACHUTE IS REARMED!

# PROCEDURE

## for returning a used POD

There are several options for returning your used POD:

## Buy `99€`

**1** Buy a POD in advance from your dealer. You'll be able to continue flying during the annual maintenance of your first POD.

## Exchange `49€`

**2** Return your POD to a reseller and receive a new one at a preferential price.

## Warning

**Please plan in advance how long it will take to contact your reseller (order, delivery time, etc.) so as not to exceed the use-by date and jeopardise your flight missions.**

# KRONOS MVC3

## FLIGHT TERMINATION SYSTEM FOR DJI MAVIC 3 ✅

# COMPONENTS

FTS module
integrated into the
DJI Mavic 3 drone

Klick trigger
remote contol

84
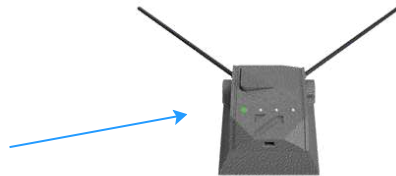
# KRONOS MVC3

## Technical specifications

| | |
|---|---|
| TOTAL WEIGHT | **3 GRAMMES** |
| COMMUNICATION WIRELESS RADIO | **SRD860 WITH ENCRYPTED KEY** (869 MHZ / 100 MW) |
| RANGE OF THE KLICK REMOTE CONTROL | **1500 METERS*** |
| AUTONOMY KLICK REMOTE CONTROL | **30 HOURS** |
| OPERATING TEMPERATURE | **-5°C À 40°C** |

*The range can be up to 1.5 km, under optimum conditions and in an environment free of obstacles and interference.

# DESCRIPTION
## of the Flight Termination System

## Description

The Kronos Mavic 3 Flight Termination System, developed for the DJI Mavic 3, prevents the drone equipped with it from leaving its regulation flight envelope by cutting (manually or automatically) the drone's power supply in less than a second.

## Installation

The Kronos Mavic 3 Flight Termination System is installed between the autopilot and the drone's ESCs. It activates the cut-off of the motor control signal.

## Initialization

To switch on the Mavic 3 Flight Termination System, switch on your DJI Mavic 3 drone and the FTS system will switch on automatically, then switch on your Klick trigger remote control by pressing and holding the start button on the Klick trigger remote control. When the FTS is properly connected, a green LED flashes on the remote control and on the FTS module.

## Activation

In order to keep the possibility of activate at your fingertips and to be as reactive as possible, a simple gesture allows you to cut the motors and deploy your parachute (if your drone is equipped with one). Simply press the triangular button on the Klick trigger remote control for at least 1 second. How to activate the Flight Termination System is described in detail in the Klick trigger remote control user manual.

# INITIALIZATION
## of the FTS

To switch on the MVC3 Flight Termination System, follow the instructions below in order:

## Instructions

**1** Switch on your DJI Mavic 3 drone. The FTS will switch on automatically.



**2** Switch on your Klick trigger remote control. When the FTS system is properly connected, a green LED flashes on the Klick trigger remote control and on the FTS module.



**3** **Your external FTS Kronos MVC3 is initialization started.** ✅

# INITIALIZATION

## of the FTS

## Warning

If your Flight Termination System module is connected to a Kronos parachute system for DJI Mavic 3 a green and turquoise LED flashes on the Klick trigger remote control and on your parachute module.

## The different LED states

FTS on, waiting for connection

SLOW FLASHING

FTS only connected

SLOW FLASHING    AUDIBLE BEEP

FTS & PRS connected

SLOW FLASHING

# YOUR FTS IS ACTIVE AND OPERATIONAL!

# MANUAL

To activate the MVC3 Flight Termination System, follow the instructions below in order:

## Instructions

**1** Find out how to activate your Kronos MVC3 Flight Termination System manually using our user and instruction manual for the Klick trigger remote control.

# KLICK

manual deployment of the parachute

Consult our Klick user manual

# AUTONOMOUS
## activation of FTS

To automatically activate your MVC3 Flight Termination System, follow these instructions in order

## Instructions

**1** Switch on your DJI Mavic 3 drone. The FTS will switch on automatically.



**2** Switch on your Klick tirgger remote control. When the FTS is properly connected, a green LED flashes on the Klick trigger remote control and on the FTS module.



**3** When the parachute system is deployed, the FTS system is also automatically activates, thanks to a wireless connection and pairing between the two systems by Dronavia's experts.

4 **Your internal FTS Kronos MVC3 has been triggered.** ✅

## Les différents états LEDs
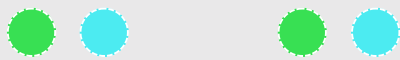
FTS & PRS connected

RAPID FLASHING 🔊 AUDIBLE BEEP

FTS triggered & PRS deployed

RAPID FLASHING 🔊 AUDIBLE BEEP

FTS triggered & PRS deployed with Autonomous deployment

RAPID FLASHING 🔊 AUDIBLE BEEP

# PROCEDURE

of FTS testing

Before the flight or before the first flight of the day, you can test the MVC3 Flight Termination System. Follow the instructions below in order:

## Instructions

**1** Switch on your DJI Mavic 3 drone. Switch on your Klick trigger remote control. Check that the LED on your MVC3 Flight Termination System and your Klick trigger remote control is flashing green. If your drone is equipped with a parachute, check again that it is disconnected from the DJI Mavic 3 drone.



## Warning

**If the Kronos MVC3 Parachute Recovery System remains connected to the drone via the USB-C cable, it will deploy during the Kronos MVC3 Flight Termination System test procedure. Remember to disconnect the Parachute Recovery System from the DJI Mavic 3 drone.**

**2** Arm the motors and initiate the rotation while keeping the DJI Mavic 3 drone on the ground.

# PROCEDURE
## of Flight Termination System Test

**3** Stop the rotation of the motors by pressing the release button on the Klick trigger remote control. Check that the motors stop correctly and that the green light flashes rapidly, both on the Klick remote control.
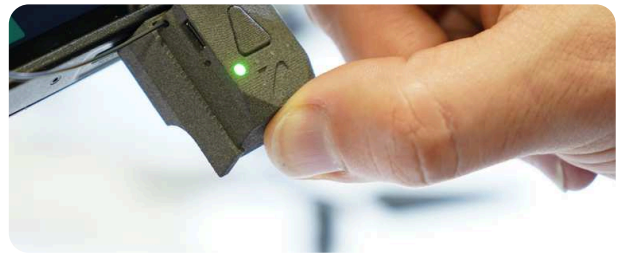




## The different LED states
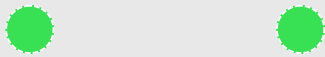
FTS only connected

SLOW FLASHING   🔊 AUDIBLE BEEP

FTS triggered

CLIGNOTEMENT RAPIDE   🔊 AUDIBLE BEEP

To stop, switch off and reset the MVC3 Flight Termination System, follow the instructions below in order:

## Instructions

**1** Switch off your DJI Mavic 3 drone and the FTS system will shut down automatically.



**2** Switch off your Klick trigger remote control.



**3** Your external FTS Kronos MVC3 has been switched off. ✅

# DISMANTLING
of the FTS

To dismantle MVC3 Flight Termination System, follow the instructions below in order:

## Instructions

| 1 | Dismantling the FTS requires a visit to the workshop so that our experts can carry out the operation. |
|---|---|

## Warning

**If you dismantle or modify the FTS yourself, Dronavia disclaims all liability and will void the warranty on your system.**

# RESET

In the event of a malfunction or bug, follow the instructions below in order:

## Instructions

**1** To reset the Klick trigger remote control, you'll find a small hole on the left-hand side. Insert a paper clip or other thin object into the hole and press it down briefly.





## If the malfunction persists



LED FIXED
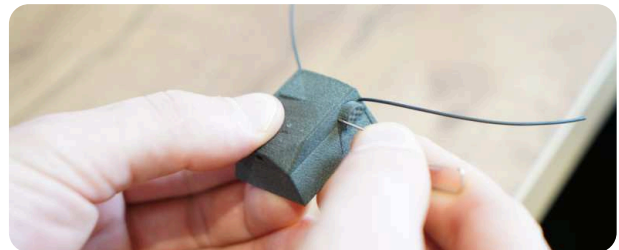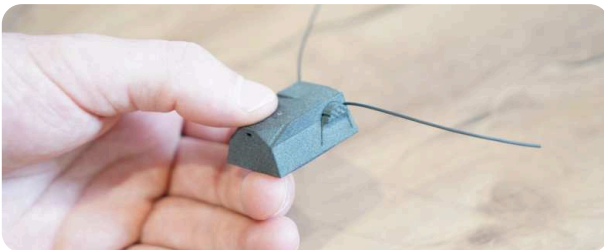
**Contact Dronavia customer service
or your reseller.**

# MAINTENANCE
## & guarantees

### STORAGE

Store C5 Kronos Mavic 3 conversion kit system for DJI Mavic 3 in a dry place, at a temperature between 10°C and 30°C, clean and protected from UV light.

### GUARANTEE

Dronavia takes great care in the design and production of its products. We guarantee our conversion kit for one year from the date of purchase against any defect or design fault that may arise during normal use of the product. Any abusive or incorrect use, or exposure to aggressive factors (high humidity, excessively high temperatures, etc.) that could lead to damage will invalidate this warranty.

### NOTICE OF LIABILITY

Flying a drone, whether manual or automatic, is an activity that requires attention, specific knowledge and good judgement. Be cautious, get trained in appropriate structures, take out insurance and comply with the requirements defined by the DGAC decrees of 11 April 2012 and 17 December 2015 and the EASA.

Ask our sales team your questions

For France, we recommend that you consult the website of the Ministry of Ecology, Sustainable Development and Energy if you have any doubts or questions. For Europe, we recommend that you consult the EASA website. Remember that you are flying under your own responsibility.

## LINKS to know

Website of the Ministry of Ecological Transition and Territorial Cohesion

Details of class C5 published by EASA :

The IGn map of restricted areas for drones

European Union Aviation Safety Agency (EASA)

The French Civil Aviation Authority (DGAC)

Ask our sales team your questions

# CONTACT US

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▶ | Dronavia Channel      in      f

# APPENDICES

Impact energy (joule) X Weight (kg)

● Impact energy with parachute(J)

● Impact energy without parachute(J)
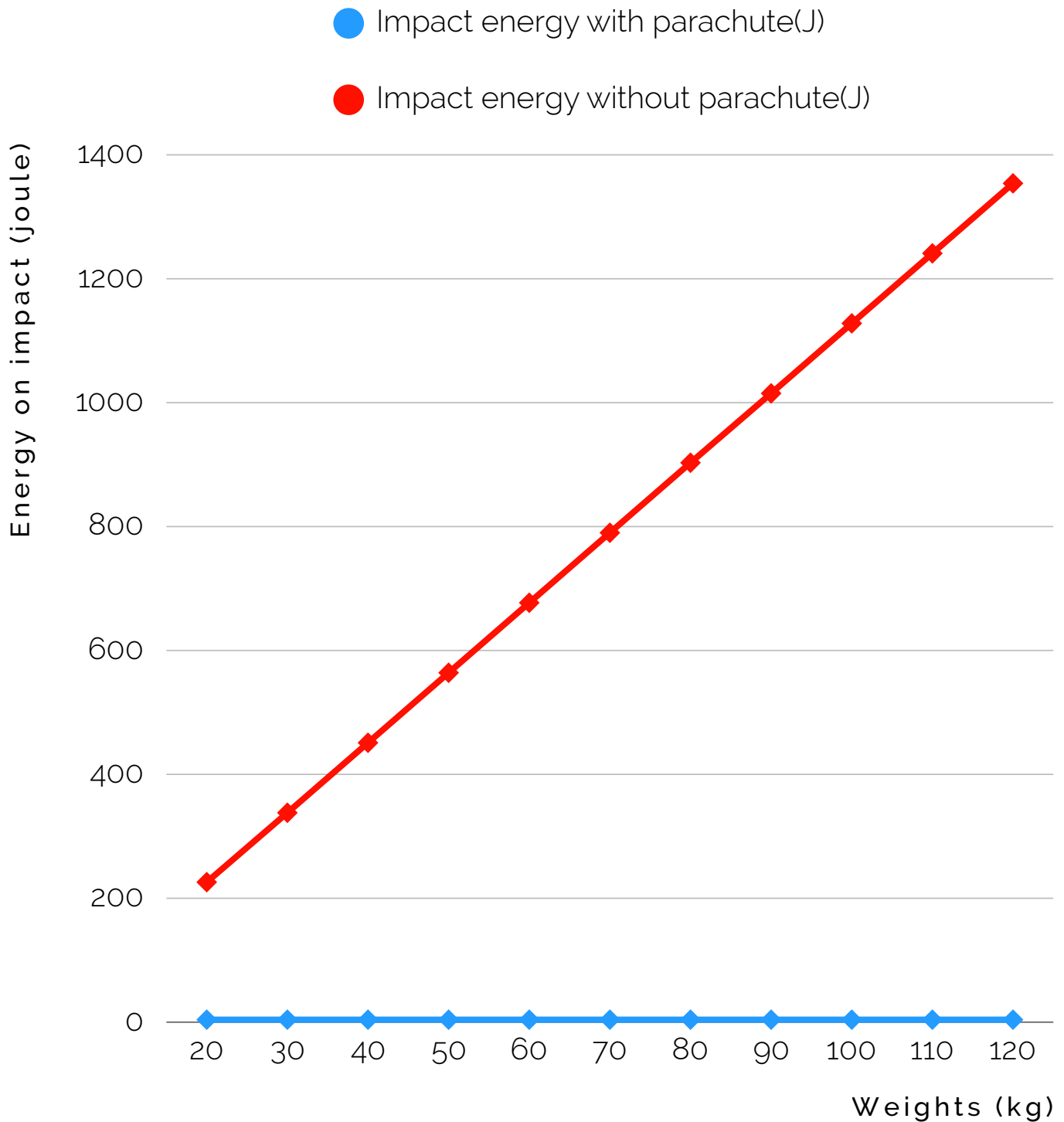
# APPENDICES

Falling speed (m/s) ) X Weight (kg)

| Weight (kg) | Falling speed (m/s) | Fall speed without parachute (m/s) * |
|---|---|---|
| 1.15 kg | 2,67 m/s | 19,72 m/s |

*for a fall from a height of 20 metres

# APPENDICES

Deployment height (m) / Minimum extent of buffer zone for ground-related risks (m)

| OPERATING VOLUME - VERTICAL LIMIT | SOIL-RELATED RISK BUFFER ZONE |
|---|---|
| 20 | 42 |
| 30 | 78 |
| 40 | 114 |
| 50 | 150 |
| 60 | 186 |
| 70 | 222 |
| 80 | 258 |
| 90 | 294 |
| 100 | 331 |
| 110 | 367 |
| 120 | 403 |

The ground risk threshold can be calculated as a function of different drone parameters and different assumptions. Please refer to the document dedicated to calculating the ground risk threshold, if you need to calculate more precise ground risk thresholds for your application.

# DECLARATION

## of C2 class label conformity



Declaration of Conformity

**Product Name:** DJI Mavic 3T EU
**Model Number :** M3T-EU
**UAS Class :** C2
**Guaranteed sound power level:** 82dB(A)
**Manufacturer's Name :** SZ DJI TECHNOLOGY CO., LTD.
**Manufacturer's Addres:** Lobby of T2, DJI Sky City, No. 53 Xianyuan Road, Xili Community, Xili Street, Nanshan District, Shenzhen China

We, SZ DJI TECHNOLOGY CO., LTD. declare under our sole responsibility that the above referenced product is in

conformity with the applicable requirements of the following directives:

RED Directive: 2014/53/EU

RoHS Recast Directive: 2011/65/EU (EU)2015/863

WEEE Directive: 2012/19/EU

REACH Regulation: 2006/1907/EC

UAS Regulation： 2019/945/EU & 2020/1058/EU

MD Directive： 2006/42/EC

Conformity with these directives has been assessed for the product by demonstrating compliance to the following

harmonized standards and/or regulations:

**Radio Spectrum** EN 300 328 V2.2.2 EN 300 440 V2.2.1 EN 303 413 V1.2.1
**Safety** EN 62368-1:2014+A11:2017
**Health** EN IEC 62311:2020; EN 62479:2010
**EMC** EN 55032:2015+A11:2020 EN 55035:2017+A11:2020
EN 301 489-1 V2.2.3 EN 301 489-3 V2.1.1
EN 301 489-17 V3.2.4 EN 301 489-19 V2.1.1
**RoHS** 2011/65/EU (EU)2015/863
**WEEE** 2012/19/EU
**REACH** 2006/1907/EC
**UAS** prEN 4709-001: 03.2023 with D5 WG8
prEN 4709-002: 02.2023 with Edition P 1, February 2023
prEN 4709-003: 02.2023 with Edition P 1, February 2023
prEN 4709-004: 02.2023 with Edition P 1, February 2023
**MD** 2006/42/EC

The notified body, TüV Rheinland LGA Products GmbH, notified body number: 0197, performed the EU-type

examination in according with Annex III, Module B of Council Directive 2014/53/EU, and issued the EU-type

examination certificate: RT 60170285 0001

Signed for and on behalf of: SZ DJI TECHNOLOGY CO., LTD.

Place: Shenzhen, China Date: 2023-07-17

Name: Gary Zeng Position: Certification manager

Signature:

$CE$

Annex 1 Accessories

| Item | Model Number | Quantity | Software* | Remark |
|---|---|---|---|---|
| DJI RC Pro | RM510B | 1 | V01.00.00.00 | Essential |
| Intelligent Flight Battery | BWX260-5000-15.4 | 1 | / | Accessory |
| USB Cable | / | 1 | / | Accessory |
| DJI Mavic 3 Enterprise series Low-Noise Propellers | / | 6 | / | Accessory |
| Power Adapter | CDX265-100 | 1 | / | Accessory |
| DJI Mavic 3 Enterprise series RTK Module | M3RTK | 1 | / | Accessory |

*Note: Updated software will be released by manufacturer to fix bugs and improve the performance after the product

placed on the market. All updated versions released by the manufacturer have been verified to be complied

with the applicable regulations. All RF parameters (e.g., RF power, frequency) are not accessible to end users and

cannot be changed by any third parties.

# DECLARATION

## of C2 class label conformity

**Declaration of Conformity**

**Product Name:** DJI Mavic 3E EU
**Model Number :** M3E-EU
**UAS Class :** C2
**Guaranteed sound power level:** 82dB(A)
**Manufacturer's Name :** SZ DJI TECHNOLOGY CO., LTD.
**Manufacturer's Addres:** Lobby of T2, DJI Sky City, No. 53 Xianyuan Road, Xili Community, Xili Street, Nanshan District, Shenzhen China

We, SZ DJI TECHNOLOGY CO., LTD. declare under our sole responsibility that the above referenced product is in

conformity with the applicable requirements of the following directives:

RED Directive: 2014/53/EU

RoHS Recast Directive: 2011/65/EU (EU)2015/863

WEEE Directive: 2012/19/EU

REACH Regulation: 2006/1907/EC

UAS Regulation： 2019/945/EU & 2020/1058/EU

MD Directive： 2006/42/EC

Conformity with these directives has been assessed for the product by demonstrating compliance to the following

harmonized standards and/or regulations:

**Radio Spectrum** EN 300 328 V2.2.2 EN 300 440 V2.2.1 EN 303 413 V1.2.1
**Safety** EN 62368-1:2014+A11:2017
**Health** EN IEC 62311:2020; EN 62479:2010
**EMC** EN 55032:2015+A11:2020 EN 55035:2017+A11:2020
EN 301 489-1 V2.2.3 EN 301 489-3 V2.1.1
EN 301 489-17 V3.2.4 EN 301 489-19 V2.1.1
**RoHS** 2011/65/EU (EU)2015/863
**WEEE** 2012/19/EU
**REACH** 2006/1907/EC
**UAS** prEN 4709-001: 03.2023 with D5 WG8
prEN 4709-002: 02.2023 with Edition P 1, February 2023
prEN 4709-003: 02.2023 with Edition P 1, February 2023
prEN 4709-004: 02.2023 with Edition P 1, February 2023
**MD** 2006/42/EC

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examination certificate: RT 60170285 0001

Signed for and on behalf of: SZ DJI TECHNOLOGY CO., LTD.

Place: Shenzhen, China Date: 2023-07-17

Name: Gary Zeng Position: Certification manager

Signature:

CE

1 / 54

Annex 1 Accessories

| Item | Model Number | Quantity | Software* | Remark |
|---|---|---|---|---|
| DJI RC Pro | RM510B | 1 | V01.00.00.00 | Essential |
| Intelligent Flight Battery | BWX260-5000-15.4 | 1 | / | Accessory |
| USB Cable | / | 1 | / | Accessory |
| DJI Mavic 3 Enterprise series Low-Noise Propellers | / | 6 | / | Accessory |
| Power Adapter | CDX265-100 | 1 | / | Accessory |
| DJI Mavic 3 Enterprise series RTK Module | M3RTK | 1 | / | Accessory |

*Note: Updated software will be released by manufacturer to fix bugs and improve the performance after the product

placed on the market. All updated versions released by the manufacturer have been verified to be complied

with the applicable regulations. All RF parameters (e.g., RF power, frequency) are not accessible to end users and

cannot be changed by any third parties.

# DECLARATION

of C2 class label conformity

**Declaration of Conformity**

**Product Name:** DJI Mavic 3M EU
**Model Number :** M3M-EU
**UAS Class :** C2
**Guaranteed sound power level:** 82dB(A)
**Manufacturer's Name :** SZ DJI TECHNOLOGY CO., LTD.
**Manufacturer's Addres:** Lobby of T2, DJI Sky City, No. 53 Xianyuan Road, Xili Community, Xili Street, Nanshan District, Shenzhen China

We, SZ DJI TECHNOLOGY CO., LTD. declare under our sole responsibility that the above referenced product is in

conformity with the applicable requirements of the following directives:

RED Directive: 2014/53/EU

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REACH Regulation: 2006/1907/EC

UAS Regulation： 2019/945/EU & 2020/1058/EU

MD Directive： 2006/42/EC

Conformity with these directives has been assessed for the product by demonstrating compliance to the following

harmonized standards and/or regulations:

**Radio Spectrum** EN 300 328 V2.2.2 EN 300 440 V2.2.1 EN 303 413 V1.2.1
**Safety** EN 62368-1:2014+A11:2017
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EN 301 489-1 V2.2.3 EN 301 489-3 V2.1.1
EN 301 489-17 V3.2.4 EN 301 489-19 V2.1.1
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**WEEE** 2012/19/EU
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Place: Shenzhen, China Date: 2023-07-17

Name: Gary Zeng Position: Certification manager

Signature:

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Annex 1 Accessories

| Item | Model Number | Quantity | Software* | Remark |
|------|-------------|----------|-----------|--------|
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| Intelligent Flight Battery | BWX260-5000-15.4 | 1 | / | Accessory |
| USB Cable | / | 1 | / | Accessory |
| DJI Mavic 3 Enterprise series Low-Noise Propellers | / | 6 | / | Accessory |
| Power Adapter | CDX265-100 | 1 | / | Accessory |
| DJI Mavic 3 Enterprise series RTK Module | M3RTK | 1 | / | Accessory |

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