M2 softmount

for flight controller (FC)
User manual



Read this manual before installation and keep it for future reference.

Rotorama, s.r.o. · www.rotorama.com

Contents

1. Product description

1.1 What it is for

1.2 Specifications and package contents

2. Use

2.1 Suitability

2.2 Mounting the flight controller

2.3 Inspection and maintenance

3. Information for the EU and Czech Market

3.1 Importer and responsible person in the EU

3.2 Disposal

4. Warranty and rights arising from defective performance

1. Product description

1.1 What it is for

The M2 soft mount is a rubber damping standoff with an M2 thread used to mount the flight controller (FC) in an FPV drone frame. The flexible mounting isolates the flight controller board from the frame and reduces the transmission of motor and propeller vibrations to the gyroscope.

The soft mounts are designed for **small flight controllers** with mounting holes for M2 screws. The package contains 4 pieces, i.e. a set for mounting one flight controller at four points.



M2 soft mount for flight controller – package contents (4 pcs)

1.2 Specifications and package contents

Product designation	M2 soft mount for flight controller
Purpose	mounting a small flight controller (FC) in the frame
Thread	M2
Thread length	4 mm
Overall length	9 mm
Package contents	4 pcs M2 soft mount for flight controller
Not included	flight controller, screws, nuts and tools

2. Use

2.1 Suitability

- The soft mounts are designed for small flight controllers with mounting holes for M2 screws.
- **They are not suitable for stacks connected by a pin header** (flight controller and electronic speed controller (ESC) connected by a pin header instead of wires).
- Before installation, check that the mounting holes of the frame and of the flight controller match the M2 thread and that the frame has enough height for the soft mounts.

❊ The product contains small parts. Keep it out of the reach of children.

2.2 Mounting the flight controller

① Disconnect the battery and remove the propellers from the drone.

② If you are replacing the original mounting, carefully remove the flight controller from the frame and remove the original standoffs or screws.

③ Screw the threaded part of the soft mounts (M2, 4 mm long) into the mounting holes of the frame. If the holes in the frame are not threaded, secure the soft mounts with an M2 nut from the underside of the frame (nut not included).

④ Tighten the soft mounts only lightly, by hand or carefully with a tool. Overtightening deforms the rubber so that it loses its damping effect, or may tear it off the metal part.

⑤ Place the flight controller with its mounting holes onto the soft mounts and secure it according to the design of the frame. Observe the orientation arrow on the board.

⑥ Check that the flight controller board does not touch the frame or other parts and that the wires do not pull it to the side – taut wires transmit vibrations and cancel the effect of the soft mounts.

After installation, connect the drone to a computer and check in the configuration software (e.g. Betaflight) that the flight controller orientation matches the settings and that the model in the preview responds to tilting the drone in the correct direction. Before the first flight, carry out the usual pre-flight check.

2.3 Inspection and maintenance

- After a crash and during regular maintenance, check whether the rubber of the soft mounts is torn, brittle or detached from the metal part and whether the flight controller is held firmly.
- Replace damaged soft mounts. We recommend replacing the whole set at once so that the board is supported evenly.
- Do not clean the rubber with solvents or aggressive cleaning agents.

3. Information for the EU and Czech Market

3.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorama.cz
Phone	+420 252 252 098
Website	www.rotorama.com

3.2 Disposal

- The product is not electrical equipment. The soft mounts consist of a rubber part and a metal part.
- Dispose of unneeded or damaged soft mounts as waste in accordance with the sorting rules applicable at your place of residence; the metal parts can be handed in as metal waste.
- Hand in the packaging for recycling in the appropriate sorted-waste container.

4. Warranty and rights arising from defective performance

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 3.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.