Meffie 3" V2 – Parts

Spare parts for the Rotorama Meffie 3" V2 frame
User Manual



Always disconnect the battery and remove the propellers before replacing a part. Keep this manual for future reference.

Rotorama, s.r.o. · www.rotorama.com

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1. Product description

1.1 Intended use

Rotorama Meffie 3" V2 – Parts are individually sold parts of the Rotorama Meffie 3" V2 frame. They serve as spare parts after damage or for building your own frame configuration. They are sold in three variants: **bottom plate**, **2× side plates** and **hardware**. The complete Meffie 3" V2 frame consists of exactly these three parts.

Meffie 3" V2 is a lightweight frame (the complete frame weighs 25 g) for propellers of up to 3" and motors with 9 mm mounting hole spacing (1204/1206/1404). It is designed for flying in smaller spaces – in a gym, in the garden or in a park. The parts are intended for the Rotorama Meffie 3" V2 frame; compatibility with other frames is not stated.



Bottom plate (left) and a pair of side plates (right)

1.2 Specifications and package contents

Parameter	Value
Product designation	Rotorama Meffie 3" V2 – Parts
Intended for	Rotorama Meffie 3" V2 frame
Variants	bottom plate / 2× side plates / hardware
Bottom plate – thickness	3 mm
Bottom plate – motor mounting	9 mm hole spacing, M2 (motors 1204/1206/1404)
Bottom plate – stack mounting	20 × 20 mm M3 or AIO board 25.5 × 25.5 mm M2
Bottom plate – other	cut-out for a downward-facing USB connector of an AIO board; 2 slots 14 mm wide for a LiPo strap
Side plates – thickness	3 mm
Side plates – camera	micro size, 2 mounting positions (for cameras with longer and shorter lenses)
Frame standoffs	M2, 20 mm long
Free space for the stack	41 mm
Max. propeller size	3"
Weight of the complete frame	25 g

▶ Package contents (depending on the selected variant)

- **Bottom plate** variant: 1× bottom plate
- **2× side plates** variant: 2× side plates (one pair)
- **Hardware** variant: 1× hardware set for the Meffie 3" V2 frame

▶ Not included

- other frame parts that are not part of the selected variant
- motors, flight controller (FC), electronic speed controllers (ESC), receiver, video transmitter (VTX) and camera
- propellers, battery, LiPo strap and tools

Product designation: Rotorama Meffie 3" V2 – Parts, variant as ordered (bottom plate / 2× side plates / hardware).

2. Use

2.1 Choosing the right part

- The **bottom plate** forms the base of the frame including the arms. Replace it if an arm is cracked, the carbon has delaminated or the mounting holes are damaged.
- The **side plates** hold the camera. Replace them if they are cracked or the holes are torn out. They are sold as a pair.
- Replace the **hardware** if screws or standoffs are lost, bent or stripped.

2.2 Replacing a part

① Disconnect the battery and remove the propellers.

② Take photos of the original assembly – orientation of the side plates, camera position, routing of cables and the antenna.

③ Disassemble only what the replacement requires: for the side plates, the camera and the side plates; for the bottom plate, also the motors and the stack or AIO board.

④ Transfer the components to the new part in the same orientation. A stack mounts in the 20 × 20 mm (M3) holes, an AIO board in the 25.5 × 25.5 mm (M2) holes. If the AIO board has a downward-facing USB connector, align it with the cut-out in the bottom plate.

⑤ Fasten the motors with M2 screws of suitable length – the screw must not reach into the motor windings.

⑥ Mount a micro-size camera in one of the two positions in the side plates according to its lens length.

⑦ Tighten screws with care, without force – overtightening damages the carbon or the standoff thread.

⑧ Check that no cables are pinched or touch sharp edges and that nothing protrudes into the propeller area. Test the motors first without propellers.

2.3 Safety and care of carbon parts

- Carbon is **electrically conductive**. Protect cables, solder pads and electronics from contact with the frame edges – there is a risk of short circuit.
- Carbon edges can be sharp and cut cable insulation or the LiPo strap. If necessary, round them off gently.
- Sanding and drilling carbon produces fine dust. Work wet or wear a respirator, in a ventilated area, and do not inhale the dust.
- Inspect the parts after every crash. Do not fly with a cracked or delaminated part.

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 and contains no batteries or accumulators.
- Dispose of damaged or unneeded carbon parts in mixed municipal waste or according to the instructions of your municipality. Do not burn carbon parts.
- Metal hardware parts can be taken to metal collection, the packaging to sorted waste.

※ Operate the assembled drone in accordance with the regulations of the country in which you fly. The law of the country of operation always prevails.

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.