



Meffie 2.5" - Spare Parts

Spare parts for the Rotorama Meffie 2.5" frame
User Manual



Read this manual before replacing a part. The parts are intended for the Rotorama Meffie 2.5" frame.

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Contents

1. Product description

1.1 What it is for

1.2 Specifications and package contents

2. Use

2.1 Before you start

2.2 Replacing the bottom plate

2.3 Replacing the side plates

2.4 Safety, inspection and care

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

Rotorama Meffie 2.5" spare parts are used to repair the **Rotorama Meffie 2.5"** frame – a lightweight true-X carbon frame for small FPV drones with 2.5" and smaller propellers. Use a part when the original one breaks, cracks or is otherwise damaged in a crash. The Rotorama Meffie 2.5" frame is no longer sold, but the spare parts allow existing builds to be kept flying.

The parts are sold in two variants: the **bottom plate** is the main load-bearing plate of the frame with the motor arms and the mounting holes for the flight controller (FC) and the electronic speed controllers (ESC); the **2x side plates** are a pair of side plates that are screwed onto the bottom plate and, together with the standoffs, form the upper part of the frame.



*Assembled Rotorama Meffie 2.5" frame
(standoffs and screws are not included)*

1.2 Specifications and package contents

Product designation	Rotorama Meffie 2.5" – Spare Parts
Variants	bottom plate; 2x side plates
Intended for	Rotorama Meffie 2.5" frame
Material	carbon; frame made of 3 mm carbon (according to the frame description)
FC and ESC mounting	16×16 mm and 20×20 mm holes (bottom plate)
Motors	1104–1404 (according to the frame description)
Max. propeller size	2.5"
Complete frame weight	23 g
Package contents	1× spare part of the selected variant (bottom plate, or a pair of side plates)
Not included	screws, nuts, standoffs, other frame parts, electronics, tools

2. Use

2.1 Before you start

- Disconnect the battery and remove the propellers. Never work on a frame with the battery connected.
- Prepare tools matching the screws in your frame (usually hex keys) and, if needed, a soldering iron.
- Reuse the screws, nuts and standoffs from the original frame if they are not damaged. Hardware is not included.
- Before disassembling the build, take photos of the electronics layout and cable routing – this makes reassembly easier.

2.2 Replacing the bottom plate

- ① Unscrew both side plates together with the standoffs and the camera from the bottom plate.
- ② Release the flight controller (FC) and ESC stack from the mounting holes.
- ③ Unscrew the motors from the arms. Depending on the layout of your build, it may be necessary to desolder the motor wires from the ESC.
- ④ Inspect the new plate – it must have no cracks or separated layers. Lightly sand any sharp edges where cables will run (see 2.4).
- ⑤ Screw on the motors, mount the stack on the 16×16 mm or 20×20 mm holes according to the size of your FC and refit the side plates with the standoffs and the camera.
- ⑥ Tighten the screws with care. Motor screws that are too long can damage the motor windings.



Bottom plate variant

2.3 Replacing the side plates

- ① Release the camera and any other parts attached to the side plates or to the standoffs between them.
- ② Unscrew the standoffs between the side plates, then unscrew the side plates from the bottom plate.

- ③ Screw the new side plates onto the bottom plate, fit the standoffs and refit the camera.
- ※ The side plates are sold as a pair (2 pcs).



Side plates with standoffs on the bottom plate – front view

2.4 Safety, inspection and care

- **Carbon is electrically conductive.** The edges of the plates and holes must not chafe cable insulation or touch circuit boards – there is a risk of a short circuit. Lightly sand sharp edges and protect the cables (heat-shrink tubing, tape).
- Sanding carbon produces fine dust. Sand wet or with extraction, wear a respirator and safety glasses and do not blow the dust away. Wash your hands after work.
- Sharp edges and carbon splinters can cause cuts – handle the parts carefully.
- After assembly, check that all screws are tight, the motors spin freely and nothing reaches into the propeller area. Test the motors without propellers before the first flight.
- Do not continue to use a part with a crack, separated layers (delamination) or a bend – replace it.
- Store the parts in a dry place out of the reach of children.

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@rotorاما.cz
Phone	+420 252 252 098
Website	www.rotorاما.com

3.2 Disposal

- The product is not electrical equipment. Dispose of an unneeded or damaged part in accordance with the rules of your municipality (mixed municipal waste or a collection point).
- Do not burn carbon parts – when burning they release harmful fumes and fine fibres.
- Sort the packaging according to the type of material.

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.

✳ **The regulations of the country in which the product is used are decisive for the use and disposal of the product.**