Samurai V3 Light/4" – Parts

Frame spare parts – bottom plate, side plates
User manual



Read this manual before replacing the part and keep it for future reference.

www.rotorama.com

Contents

1. Product description

1.1 What it is for

1.2 Specifications and package contents

2. Use

2.1 Safety during replacement

2.2 Replacing the bottom plate

2.3 Replacing the side plates

2.4 Check after replacement

3. Information for the EU and Czech Market

3.1 Importer and responsible person in the EU

3.2 Disposal

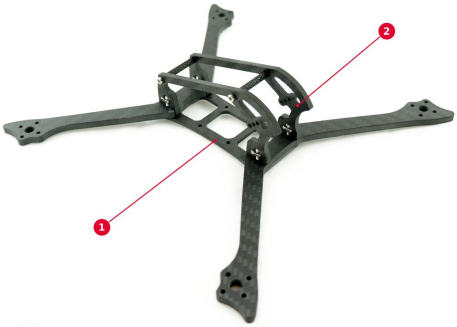
4. Warranty and rights arising from defective performance

1. Product description

1.1 What it is for

Rotorama Samurai V3 Light/4" – Parts are spare parts for the **Rotorama Samurai V3 Light** and **Rotorama Samurai V3 4"** frames. Both frames use the same bottom plate and the same side plates, so the parts fit both of them. They are sold in two variants: **bottom plate** or **2x side plates**. Use the part when the original frame part breaks, cracks or is otherwise damaged in a crash.

The bottom plate ① is the main plate of the frame centre – the electronics stack is mounted on it (mounting holes with 20 × 20 mm spacing for M2 screws). The side plates ② stand on both sides of the stack and are reinforced with M2 standoffs; the arms are held in place by screws and locks on the side plates. At the front, the side plates have small teeth that serve as reference points for setting the camera angle – so you can always set the angle the same way.



Rotorama Samurai V3 Light frame (illustrative photo): ① bottom plate, ② side plates

1.2 Specifications and package contents

Product designation	Rotorama Samurai V3 Light/4" – Parts
Variants	Bottom plate 2x side plates
Compatible frames	Rotorama Samurai V3 Light Rotorama Samurai V3 4"
Material	carbon fibre composite
Bottom plate thickness	2 mm
Stack mounting	20 × 20 mm spacing, M2 screws
Package contents	selected variant: 1x bottom plate or 2x side plates
Not included	screws, locks, standoffs, arms, electronics

2. Use

2.1 Safety during replacement

- Before any work on the drone, **disconnect the battery** and **remove the propellers**.
- Carbon fibre composite is **electrically conductive**. The edges of the parts must not touch wires, solder joints or circuit boards – there is a risk of a short circuit. Protect wires routed over an edge with heat-shrink tubing or tape.
- Carbon fibre dust irritates the skin, eyes and respiratory tract. Only sand or drill the parts wearing a respirator and gloves; wipe the dust off with a damp cloth, do not blow it away.
- Do not continue to use cracked, broken or delaminated parts – they may fail in flight.
- Tighten screws with care; overtightening will damage the thread or the part.
- Keep small parts and screws out of the reach of children.

2.2 Replacing the bottom plate

① Disconnect the battery and remove the propellers. Take a photo of the frame – it will make reassembly easier.

② Loosen the screws holding the arms and side plates and remove the side plates together with the camera.

③ Unscrew the stack and any other components mounted on the bottom plate. The stack can stay connected to the motors – just move it to the new plate.

④ Screw the stack onto the new bottom plate and fit the arms and side plates in the same position as on the original plate.

⑤ Tighten all screws and check that the arms do not wobble.

2.3 Replacing the side plates

① Disconnect the battery and remove the propellers.

② Loosen the screws holding the side plates and arms and remove the camera.

③ Move the camera and the standoffs to the new side plates.

④ Refit the side plates and use them to secure the arms. Set the camera angle using the teeth at the front of the side plates.

⑤ Tighten all screws and check that the arms do not wobble.

2.4 Check after replacement

- The arms and the camera are held firmly and nothing wobbles; the camera has the required angle.
- Wires are not pinched and do not touch the edges of the carbon parts.
- Before the first flight, check the operation and rotation direction of the motors **without propellers**; only then fit the propellers.
- When flying, observe the regulations of the country in which you operate the drone.

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 does not contain batteries or accumulators.
- Dispose of unwanted or damaged parts in accordance with the waste rules applicable in your municipality or country.
- Do not burn carbon fibre composite parts.
- Hand in the packaging for separate waste collection 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.