Spectre – Parts

Spare parts for the Rotorama Spectre frame
Bottom plate · 2× side plates · Top plate



Always disconnect the battery and remove the propellers before replacing a part.

Contents

1. Product description

1.1 What it is for

1.2 Technical data and package contents

2. Use

2.1 Safety when working with carbon parts

2.2 Replacing a part

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

These spare parts are used to repair the **Rotorama Spectre** frame – a freestyle frame with split arms and a true X layout, built from carbon fibre plates. After a hard crash, there is no need to replace the whole frame: simply order the part that has cracked or broken and replace it.

The parts are sold in three types: **bottom plate**, **side plates** (a pair) and **top plate**, on which the battery is secured with two lipo straps. The parts are intended exclusively for the Rotorama Spectre frame and are not interchangeable with frames of other types. The Rotorama Spectre frame has been discontinued – the spare parts serve to keep existing frames in operation.



Assembled Rotorama Spectre frame (illustrative photo of the frame without electronics)

1.2 Technical data and package contents

Product designation	Rotorama Spectre – Parts
Type (variant)	Bottom plate · 2× side plates · Top plate
Material	carbon fibre composite
Material thickness	bottom plate 4 mm · side plates 3 mm · top plate 2 mm
Compatibility	Rotorama Spectre frame only
Package contents	1× spare part of the selected type (for the “2× side plates” type, a pair of side plates)
Not included	screws, nuts, standoffs, arms, TPU parts, lipo straps, electronics or tools

※ Plate dimensions and weight are not specified by the manufacturer. TPU part models (HD camera and antenna mounts) for 3D printing: www.thingiverse.com/thing:3408845.

2. Use

2.1 Safety when working with carbon parts

- Before any work on the drone, **disconnect the battery** and **remove the propellers**.
- Carbon fibre composite is **electrically conductive**. Cables, solder pads and electronics boards must not touch the edges or surfaces of the carbon – this may cause a short circuit and damage the electronics or the battery.
- The edges of carbon plates can be sharp and can cut through cable insulation and lipo straps. Route the cables so that they do not rub against the edges.
- Do not inhale dust from sanding or drilling carbon and protect your eyes and skin from it. Sand the edges wet, wearing a respirator and safety glasses.
- Do not use a cracked, deformed or delaminated part any more – it may fail in flight.

2.2 Replacing a part

① Disconnect the battery, remove the propellers and release the lipo straps.

② Before disassembly, photograph the frame from several sides – this makes reassembly, cable routing and part orientation easier.

③ Remove the screws holding the damaged part. Keep the screws, nuts and standoffs – they are not included with the spare part.

④ Carefully remove the electronics, camera and TPU parts attached to the part. Do not pull on soldered joints.

⑤ Compare the new part with the original one and fit it in the same orientation. Countersunk holes face the heads of the countersunk screws.

⑥ First insert all screws loosely, then tighten them gradually in a crosswise pattern. Do not overtighten the screws to avoid damaging the thread or the carbon plate.

⑦ Refit the electronics and TPU parts and check that no cable touches the carbon edges or is pinched between the plates.

⑧ Fit the propellers and the battery and, after the repair, first make a short test flight low above the ground in an open area.

2.3 Inspection and maintenance

- After every crash, inspect all carbon plates. Look for cracks, chipped edges and places where the material layers are separating.
- Regularly check that the screws are tight, as vibrations can loosen them, and check the lipo straps and the top plate edges on which they rest.

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. The take-back of electrical equipment does not apply to it.
- Dispose of a worn or damaged carbon fibre composite part in mixed municipal waste or take it to a collection yard according to the rules of your municipality. It does not belong in sorted plastic waste. Do not burn the part.
- Dispose of the packaging in sorted waste 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.