Readytosky Alien – parts

Spare parts for the Readytosky Alien FPV frame
5" arm · Camera mount Mini · Camera mount Micro



Read this manual before assembly. Always work on the drone with the battery disconnected and the propellers removed.

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1. Product description

1.1 Intended use

This product consists of spare parts for the **Readytosky Alien** FPV frame. It is sold in three variants: a carbon fibre **5" arm** and a 3D-printed **camera mount** in two versions – **Mini** and **Micro**.

The arm ① replaces a damaged frame arm, e.g. after a crash. The camera mount ② fits onto the front standoff of the frame and holds the FPV camera. The Mini and Micro versions correspond to the commonly used size formats of FPV cameras – choose the one that matches the format of your camera.



Readytosky Alien frame: ① arm, ② camera mount on the front standoff

1.2 Specifications and package contents

Product designation	Readytosky Alien – parts
Manufacturer	Readytosky
Intended for	Readytosky Alien frame
Variants	5" arm – carbon fibre composite Camera mount – Mini – 3D-printed plastic Camera mount – Micro – 3D-printed plastic
Package contents	1× spare part according to the selected variant
Not included	screws, nuts and standoffs, FPV camera, motor, other frame parts, tools

The colour of the 3D-printed mounts may differ from the photos.

2. Use

2.1 Safety during assembly

- Before any work on the drone, **disconnect the battery** and **remove the propellers**.
- Carbon fibre composite is electrically conductive. The edges of the arms must not chafe through wire insulation – route the cables so that they do not rub against the edges.
- Do not sand, drill or cut carbon parts without respiratory and eye protection – carbon composite dust is harmful to health.
- Keep small parts and screws out of the reach of children.

2.2 Replacing an arm

① Disconnect the battery and remove the propeller from the motor on the damaged arm.

② Undo the screws that hold the motor to the arm and carefully remove the motor. The motor wires do not need to be disconnected from the electronic speed controller (ESC) if the motor can be safely set aside.

③ Undo the screws that hold the arm between the frame plates and remove the damaged arm.

④ Insert the new arm in the same position and tighten the frame screws.

⑤ Screw the motor back on. Use screws of the correct length – a screw that is too long can touch the motor windings and damage them.

⑥ Check the routing of the motor wires, fit the propeller in the correct direction of rotation and, before the first flight, check that the motors run correctly without propellers.

2.3 Fitting the camera mount

The camera mount has a tubular part that fits onto a frame standoff and a flat part with holes for the screw that fastens the side of the FPV camera. The camera is held by both sides – with one mount on each side.



3D-printed camera mounts
(illustrative photo)

① Check the format of your FPV camera (Mini or Micro) in its specifications and choose the matching mount.

② Disconnect the battery. Undo the front standoff of the frame, slide the tubular part of the mount onto it and screw the standoff back on.

③ Screw the camera to the mounts with screws suitable for your camera (usually supplied with it).

④ Set the desired camera tilt and tighten the screws. Do not overtighten the plastic – it could crack.



3D-printed camera mounts
(illustrative photo)

2.4 Inspection and maintenance

- After every crash, check the arms for cracks, delamination or bending. Replace a damaged arm – it may break in flight.
- Check that the motor and frame screws are tight.
- The 3D-printed camera mounts are consumable parts. Replace a cracked or deformed mount.
- Do not expose 3D-printed parts to high temperatures (e.g. in a closed car in the sun) – they may deform.

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 contains no electrical or electronic components and no batteries.
- Dispose of unneeded or damaged parts in mixed waste or at a collection yard in accordance with the rules of your municipality.
- Sort the packaging material by type (paper, plastic).

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.