Stack adapter

20×20 mm / 30.5×30.5 mm
User manual



Read the entire manual before installation and keep it for future reference.

www.rotorama.com

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1. Product description

1.1 Purpose

The adapter is a simple mounting plate that converts a **20×20 mm** mounting hole pattern to a **30.5×30.5 mm** pattern. It allows you to mount a stack – a flight controller (FC) and an electronic speed controller (ESC) with a 20×20 mm hole pattern – in a frame designed for electronics with a 30.5×30.5 mm hole pattern.

The adapter is placed between the frame and the stack. The holes for the 20×20 mm pattern are countersunk, so the heads of countersunk screws do not protrude above the surface of the adapter.



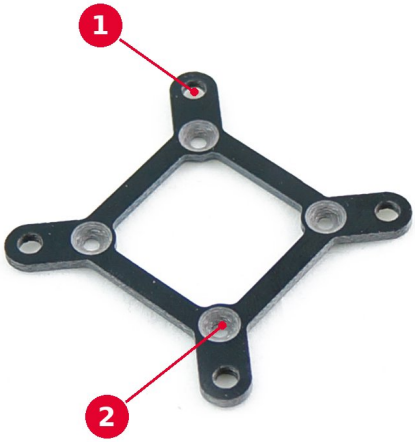
Stack adapter and screw set

1.2 Specifications and package contents

Product designation	Redukce na stack 20x20/30,5x30,5mm (stack adapter 20×20 / 30.5×30.5 mm)
Weight	1.3 g
Thickness	1.6 mm
Mounting holes	30.5×30.5 mm for M3 screws 20×20 mm for M2 screws, countersunk
Package contents	1× adapter 1× screw set
Not included	stack (flight controller and ESC), frame, rubber dampers (soft mounts), tools

2. Use

2.1 Adapter overview



Adapter holes

① Four outer holes with a **30.5×30.5 mm** pattern for **M3** screws – used to mount the adapter in the frame.

② Four inner countersunk holes with a **20×20 mm** pattern for **M2** screws – used to mount the stack on the adapter.

2.2 Mounting the stack in the frame

① Place the stack on the adapter and check that no component on the underside of the board touches the adapter, the screw heads or the frame. Orient the flight controller with its arrow pointing forward.

② Insert M2 countersunk screws into the 20×20 mm countersunk holes from the countersunk side, i.e. from the side that will rest on the frame. The screw heads must be fully recessed so that the adapter sits flat on the frame.

③ Fit the stack onto the screws (with rubber dampers, if you have them for the stack) and secure it with nuts. Choose the length of the M2 screws according to the height of the stack.

④ Mount the adapter with the stack in the frame through the outer 30.5×30.5 mm holes using M3 screws, according to the design of the frame.

⑤ Tighten all screws moderately. Overtightened screws can damage the printed circuit boards and reduce the effect of the rubber dampers.

2.3 Precautions

- The adapter raises the mounting height of the stack by 1.6 mm. Make sure there is enough room above the stack under the top plate of the frame and that the wires are not under tension.
- Screws, nuts and the adapter must not touch solder pads, components or wires – risk of short circuit.
- Before the first flight, check that the stack is held firmly and does not wobble anywhere. Also check the mounting after every crash.
- The package contains small parts. Keep them out of the reach of children.
- The adapter is part of an FPV drone. When operating the drone, follow the regulations of the country in which you operate it.

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.
- At the end of its service life, dispose of the adapter, screws and packaging in separated waste according to the rules of your municipality, or take them to a collection yard.
- The waste management rules of the country in which you dispose of the product apply.

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.