HGLRC M2 adapter

Metal inserts for silicone grommets (soft mounts)
User manual



Small parts – keep out of the reach of children.

Rotorama, s.r.o. · www.rotorama.com

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1. Product description

1.1 Purpose

The HGLRC M2 adapters are metal inserts for the silicone damping grommets (soft mounts) of a flight controller (FC) or electronic speed controller (ESC). They allow an **M2** screw to be used where **M3** screws are normally used.

The insert is pushed into the hole of the silicone grommet and fills it so that the thinner M2 screw has no play in the grommet. This is useful, for example, when mounting electronics with M3 holes into a frame or onto standoffs with M2 threads. The damping function of the silicone grommet is preserved.



HGLRC M2 adapter metal inserts

1.2 Specifications and package contents

Product designation	HGLRC M2 redukce (HGLRC M2 adapter)
Manufacturer	HGLRC
Intended use	inserts for silicone grommets (soft mounts) of FCs and ESCs; conversion from an M3 screw hole to an M2 screw
Material	metal
Package contents	4 metal inserts
Not included	screws, nuts, silicone grommets, standoffs, flight controller or speed controller

2. Use

2.1 Safety warnings

- The inserts are small parts that can be swallowed or inhaled. **Keep them out of the reach of children and animals.**
- Always disconnect the battery from the drone before installation.
- The inserts are made of metal and are therefore electrically conductive. Make sure they do not touch any components or solder pads around the mounting hole.
- The product is intended only for the mechanical mounting of electronics. Do not use it for any other purpose.

2.2 Installation

① Disconnect the battery and prepare the flight controller or speed controller with the silicone grommets fitted.

② Push one metal insert into the hole of each silicone grommet that the M2 screw will pass through. The insert must sit fully inside the grommet and must not protrude on either side more than necessary.

③ Place the board onto the M2 screws or standoffs in the frame. Make sure the board is oriented correctly (direction-of-flight arrow on the FC).

④ Tighten the M2 screws or nuts only lightly. The silicone grommet must not be compressed significantly – an overtightened joint loses its damping effect and may stress the board.

※ The package contains 4 inserts, i.e. one set for one board with four mounting holes.

2.3 Check after installation

- The board must have no play on the screws, while still moving slightly and elastically on the silicone grommets.
- The board must not touch the frame, neighbouring boards of the stack or cables other than through the silicone grommets.
- Check that neither the metal inserts nor the screws touch any components or solder pads.
- After the first flights, check that the joint has not loosened and tighten it lightly if necessary.

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 electronic components or batteries and is not electrical equipment.
- Hand in unneeded metal inserts for metal recycling (e.g. at a municipal collection yard) in accordance with local rules.
- Dispose of the packaging in separated waste according to its material.
- The waste management regulations of the country in which you use and dispose of the product are decisive.
- Proper disposal helps prevent negative effects on the environment and contributes to the reuse of secondary raw materials.

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.