DJI O3 Cooling Fin

GEPRC – aluminium heatsink for the DJI O3 Air Unit
User manual



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

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1. Product description

1.1 Purpose

The GEPRC DJI O3 Cooling Fin is an add-on heatsink made of 6061 aluminium alloy that is mounted on the underside of the **DJI O3 Air Unit** digital module (video transmitter with camera for FPV drones). The fins enlarge the surface from which heat is dissipated and thus help keep the unit cooler – especially on the ground and in slow flight, when not enough air flows over it.

The heatsink also serves as a mounting element: it has threaded holes with a **20 × 20 mm** pattern, so the O3 unit can be screwed into the drone frame with it. Thermal paste, which is included in the package, is applied between the unit and the heatsink.



Heatsink mounted on the underside of the DJI O3 Air Unit (the unit is not included)

1.2 Specifications and package contents

Manufacturer	GEPRC
Product name	GEPRC DJI O3 Cooling Fin
Manufacturer code (SKU)	GP106138
Compatible with	DJI O3 Air Unit
Material	6061 aluminium alloy
Colour	black
Dimensions	31 × 31 mm
Weight	4.2 g
Frame mounting holes	20 × 20 mm pattern, M2 thread

Package contents

- 1× GEPRC DJI O3 Cooling Fin heatsink
- 1× thermal paste
- 4× screw M2 × 5 mm
- 4× screw M1.6 × 8 mm
- 4× screw M1.6 × 10 mm



Package contents

※ The package does NOT include the DJI O3 Air Unit, a drone frame or any tools (screwdriver, cleaning agents).

2. Use

2.1 Before installation

- Always install with the **power disconnected** – unplug the drone battery and the USB-C cable from the O3 unit.
- If the unit is warm after use, let it cool down before installation.
- Keep the thermal paste out of the reach of children. Avoid contact with the eyes and wash your hands after work.

2.2 Installing the heatsink

① Clean the bottom contact surface of the O3 unit and the surface of the heatsink of dust, grease and old paste residue. Both surfaces must be clean and dry.

② Apply a **thin, even layer** of thermal paste to the contact surface. More paste does not improve cooling – the paste should only fill the small irregularities between the surfaces.

③ Place the heatsink on the underside of the O3 unit so that the heatsink holes line up with the mounting holes of the unit.

④ Screw the heatsink to the unit using the M1.6 screws from the package. Choose the screw length (8 mm or 10 mm) according to your specific setup so that the screw engages the thread securely but is not longer than the depth of the hole allows.

⑤ Tighten the screws gradually in a cross pattern and with care. Overtightening may strip the thread.

⑥ Screw the unit with the heatsink into the drone frame using the M2 × 5 mm screws from the package, into the threaded holes with the 20 × 20 mm pattern.

※ If a screw is hard to turn or does not seat, do not use force. Check the selected length and the alignment of the holes.

2.3 Operation and maintenance

- The heatsink is a passive part – it has no power supply and no controls. The O3 unit is used with it in the same way as without it.
- During operation the heatsink heats up together with the O3 unit. After switching on and after a flight, **do not touch it** until it has cooled down.
- Keep the fins clean and unobstructed (grass, dust, dirt), otherwise heat dissipation deteriorates.
- Before every flight, check that the screws are tight and the heatsink is held firmly.
- Every time the heatsink is removed, clean off the old thermal paste and apply fresh paste before reinstalling 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 heatsink is a purely mechanical part made of aluminium alloy – it contains no electronics or battery and is not electrical equipment.
- At the end of its service life, take it to a metal collection point for recycling; sort the paste packaging and packaging material separately. The waste regulations of the country in which you use and dispose of the product are decisive.

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.