USB-C 90° Adapter

iFlight L Type – USB Type C 90° Adapter
User manual



Read this manual before first use and keep it for future reference.

www.rotorama.com

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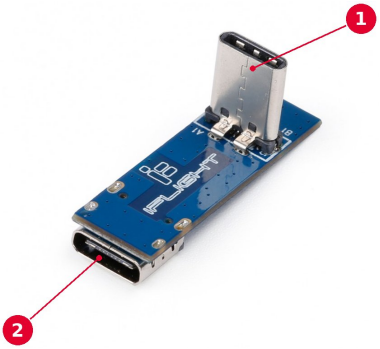
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1. Product description

1.1 Purpose

The USB-C 90° angle adapter turns a USB-C connector by 90°. It plugs into the USB-C port of the flight controller (FC) and routes it out to the side. Especially on cinewhoops and drones with a propeller guard (duct), where the USB port of the flight controller is covered by the frame, you can reach it without disassembling the drone.

The adapter is a small printed circuit board with a USB-C plug ① mounted at right angles at one end and a USB-C socket ② at the other end. The manufacturer lists it as an adapter for the iFlight SucceX-D flight controller; it can be used with flight controllers with a USB-C port wherever the space in the frame allows.



① USB-C plug (angled at 90°) – inserts into the flight controller
② USB-C socket – for connecting the cable

1.2 Technical data and package contents

Manufacturer	iFlight
Product designation	L Type – USB Type C 90° Adapter (Type C 90° Connector)
Manufacturer code (SKU)	211030013170
Connectors	USB-C plug (angled at 90°) ↔ USB-C socket
Intended for (per manufacturer)	iFlight SucceX-D flight controller
Package contents	1× adapter
Not included	USB cable, flight controller, mounting material

The manufacturer does not state the dimensions, weight or maximum current rating of the adapter.

2. Use

2.1 Connecting to the flight controller and computer

1. Disconnect the flight battery. USB power is sufficient for configuration.

2. Locate the USB-C port of the flight controller. The plug fits either way round, so the adapter board can point to either side. Choose the orientation in which socket ② faces the opening in the frame and the board does not touch other components.

3. Insert plug ① of the adapter straight, without levering, all the way into the USB-C port of the flight controller.

4. Connect a USB-C cable to socket ② and connect the other end of the cable to your computer.

5. Start the configuration software (e.g. Betaflight Configurator) and connect as usual.

2.2 Placing the adapter in the drone

After configuration you can remove the adapter or leave it in the drone to keep the USB port accessible. If you leave it in place:

- make sure that neither the adapter nor a connected cable can come into contact with the propellers,
- the board has exposed solder joints – it must not touch the carbon frame or other conductive parts (carbon fibre conducts electricity); insulate it if needed, e.g. with heat-shrink tubing,
- make sure the adapter does not lever the USB port of the flight controller – vibration and crash impacts can damage the port,
- before every flight check that the adapter is held firmly and that no cable has been left plugged into socket ②.

2.3 Safe use

- Insert and remove connectors straight, never by pulling the cable and never by force.
- If you connect the flight battery to the drone to test the motors, always remove the propellers first.
- The adapter is intended for connecting the flight controller to a computer (configuration, firmware update). The manufacturer does not state a maximum current, so do not use it for charging or powering other devices.
- Protect the connectors from moisture, dust and dirt. Do not use a damaged adapter. Keep the adapter, a small object, out of the reach of children.
- When using the product, observe the regulations of the country in which you operate it; the law of that country is decisive.

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 of electrical equipment



- The crossed-out wheeled bin symbol on the product, its packaging or in the documentation means that at the end of its service life the product **must not be disposed of together with mixed municipal waste**.
- Hand it over at a take-back point for electrical equipment – at a collection yard, at a take-back point of a collective system, or at the retailer when purchasing a new equivalent product. Take-back is free of charge for the end user.
- The obligations under Act No. 542/2020 Coll., on end-of-life products, are fulfilled by the importer through a collective take-back system.
- Proper disposal helps prevent negative impacts on the environment and human health and contributes to the reuse of secondary raw materials.

Through its contractual partner **ASEKOL a.s.**, the company ensures the take-back of waste electrical equipment from households and the separate collection of waste electrical equipment, batteries and accumulators in accordance with the applicable legislation. The customer is entitled to hand over old electrical equipment or a battery or accumulator at any collection point of the above contractual partner. The addresses of these take-back points are listed at www.asekol.cz, www.ecobat.cz and also https://visoh2.mzp.cz/RegistrMistZO/RegistrMistZOPublic/MapaMistZpetOdberu.

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.