USB-C → DC 5.5/2.1 mm

Power cable with adjustable output voltage
User manual



Always set the output voltage and check it on the display before connecting the device.

www.rotorama.com

Contents

1. Product description

1.1 Purpose

1.2 Technical data and package contents

2. Use

2.1 Power source and device requirements

2.2 Setting the voltage and connecting the device

2.3 Safety and care

3. Information for the EU and Czech Market

3.1 Importer and responsible person in the EU

3.2 Disposal of electrical equipment

4. Warranty and rights arising from defective performance

1. Product description

1.1 Purpose

This power cable with a **USB-C** input connector and a **DC 5.5/2.1 mm** output connector lets you power devices with this coaxial power connector from a USB-C power source – for example FPV goggles and other devices.

The output voltage can be set to **5, 9, 12, 15 or 20 V**. It is set with the button on the control module, and the selected value is shown on its display. The selected voltage must be supported by the USB power source used.



① USB-C connector (input) · ② control module with display · ③ voltage selection button · ④ DC 5.5/2.1 mm connector (output)

1.2 Technical data and package contents

Product designation	USB-C → DC 5.5/2.1 mm power cable
Input connector	USB-C
Output connector	DC 5.5 × 2.1 mm
Selectable output voltage	5 / 9 / 12 / 15 / 20 V
Maximum current	3 A
Maximum power	60 W
Length	115 cm
Controls	button, display showing the set voltage
Package contents	1× cable
Not included	USB-C power source (mains adapter, power bank) or the powered device

2. Use

2.1 Power source and device requirements

- The **power source** must have a USB-C output and must support the voltage you want to set on the cable. Voltages above 5 V are usually provided only by power sources supporting USB Power Delivery (PD). The supported voltages and currents are stated on the label or in the manual of the power source.
- The power of the source at the selected voltage must cover the consumption of the device. The cable carries at most **3 A** and **60 W**.
- The **device** must have a DC 5.5/2.1 mm power connector. Its supply voltage, permissible range and connector polarity are specified by the device manufacturer – for FPV goggles in their manual.

2.2 Setting the voltage and connecting the device

1. Connect the USB-C connector ① to the power source. Do **not** connect the device yet.
2. Use the button ③ to set the required output voltage. The selected value is shown on the display of the control module ②.
3. Check on the display that the set voltage matches the supply voltage of the device.
4. Only then connect the DC connector ④ to the device.
5. When finished, disconnect the device first and then disconnect the cable from the power source.

※ If the power source does not support the selected voltage, the cable cannot provide it. Use a power source that supports that voltage. Do not change the voltage while the device is connected – a voltage higher than the device can withstand may destroy it.



Control module with voltage selection button

2.3 Safety and care

- Do not exceed the maximum current of 3 A or the power of 60 W.
- If you are not sure about the voltage or polarity at the DC connector, measure them with a multimeter before connecting the device.
- Do not use the cable if its insulation, a connector or the housing of the control module is damaged.
- Protect the cable from moisture, water, high temperatures and open flame. Use it only in a dry environment.
- Do not bend the cable sharply at the connectors and the control module, do not pinch it, and when disconnecting pull the connector, not the wire.
- Do not disassemble or modify the control module.
- Do not leave the cable connected to the power source unattended, and disconnect it from the source after use.
- Keep out of the reach of children.

※ The information on legal regulations in Chapters 3 and 4 describes the situation in the Czech Republic. The law of the country in which the product is used is decisive – if you use it in another country, follow the regulations of that country.

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.