



XT60 - DC 5.5/2.1 mm

Charging adapter
User manual



Before first use, check the polarity of the DC connector - see Chapter 2.1.

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1. Product description

1.1 What it is for

The charging adapter connects an **XT60** connector to a **DC 5.5/2.1 mm** connector. It is intended mainly for charging FPV goggle batteries fitted with a DC 5.5/2.1 mm connector from a charger or charging lead with an XT60 connector.

The adapter is a passive cable without any electronics – it does not change the voltage or current in any way and does not replace a charger. All charging settings are made on the charger.



- ① XT60 connector – female
② DC 5.5/2.1 mm connector – female

1.2 Technical data and package contents

Product designation	Charging adapter XT60 – DC 5.5/2.1 mm
Connector ①	XT60, female – mates with a male XT60 connector
Connector ②	DC 5.5/2.1 mm, female (socket) – mates with a DC 5.5/2.1 mm male plug (jack)
DC connector polarity	not specified – check before first use (Chapter 2.1)
Package contents	1× cable with connectors
Not included	charger, power supply, battery, other cables and adapters

※ The maximum current and voltage for which the adapter is rated are not stated in the available documentation.

2. Use

2.1 Before first use

The polarity of DC 5.5/2.1 mm connectors (which contact is positive) is not standardised. Before first use, therefore, check that the polarity of the adapter matches the battery being charged:

- ① Set the multimeter to resistance or continuity mode.
- ② Determine which contact of the XT60 connector ① is connected to the centre contact of the DC connector ②.
- ③ The polarity of the mating XT60 connector on the charger or charging lead can be identified from its marking or from the wire colours (red = +, black = -).
- ④ Compare the resulting polarity of the DC connector with the information given by the manufacturer of the battery or FPV goggles (usually shown by a symbol on the label or in their manual). If it does not match, do not use the adapter.

Reversed polarity can damage the battery, the charger and the connected device.

2.2 Connection and charging

- ① Check that the cable and connectors are not damaged and that the connectors are clean and dry.
- ② Connect the XT60 connector ① of the adapter to the charger output or to a charging lead with a mating XT60 connector. Mind the correct orientation – the XT60 connector fits only one way; never force it in.
- ③ Plug the DC 5.5/2.1 mm connector of the battery being charged (or of its charging lead) into the DC connector ②.
- ④ On the charger, set the battery type, number of cells and charging current according to the battery manufacturer's data, and only then start charging.
- ⑤ When charging is finished, first stop charging on the charger, then disconnect the battery and finally the adapter.

※ Use the adapter only to charge batteries whose manufacturer permits charging via the DC connector. The adapter contains no balancer and no protection circuits.

2.3 Safety rules

- Never leave charging unattended. Charge on a non-flammable surface, away from flammable materials and out of the reach of children.
- Monitor the temperature of the cable and connectors while charging. If the adapter becomes noticeably warm, stop charging immediately and reduce the charging current.
- Do not use the adapter if its insulation is damaged or a connector is loose or deformed.

- Do not pull on the cable – always grip the connector body when disconnecting.
- Do not short-circuit the contacts of the XT60 or DC connector, especially when the adapter is connected to a power source or battery.
- Do not use the adapter in damp conditions and do not connect it to mains voltage.

2.4 Care and storage

- Store the adapter in a dry place without sharp bends in the cable, preferably loosely coiled.
- Clean dirty connectors with a dry cloth; do not use solvents.
- The adapter has no user-serviceable parts. Take a damaged adapter out of service.

3. Information for the EU and Czech Market

The information in Chapters 3 and 4 is based on the legislation of the European Union and the Czech Republic. If you use the product in another country, follow the regulations of the country in which you operate it.

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@rotorاما.cz
Phone	+420 252 252 098
Website	www.rotorاما.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.