XT30 male with cable

XT30 power connector with cable
User manual



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

www.rotorama.com

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1. Product description

1.1 What it is for

The **Amass XT30 male with cable** is an XT30 power connector in the male version with soldered silicone wires – one red and one black. It serves as a power lead used to connect an electronic speed controller (ESC), a flight controller (FC) or other electronics of the model to the battery. It is suitable for ESCs driving motors up to size 14XX.

The free ends of the wires are tinned and ready to be soldered onto the power pads of a board. The connector mates with an XT30 female counterpart. When replacing a damaged power lead, there is therefore no need to assemble and solder the connector and cable separately.



XT30 male connector with soldered wires

1.2 Specifications and package contents

Product designation	XT30 male with cable
Connector	Amass XT30, male version
Cable length	10 cm
Wire gauge	16AWG
Wire colours	red (+), black (−)
Recommended use	power lead for ESCs driving motors up to size 14XX
Package contents	1× connector with cable
Not included	XT30 female counterpart, heat-shrink tubing, solder and soldering tools

2. Use

2.1 Soldering to the board

Disconnect the battery from the model before soldering. Solder in a well-ventilated area on a non-flammable surface.

① Desolder the old power lead and clean the pads on the board.

② Check the polarity: **the red wire goes to the pad marked +** (BAT+, VBAT), **the black wire to the pad marked −** (BAT−, GND).

③ Tin the pads and the wire ends and solder the wires. The joint should be shiny and hold the wire firmly.

④ Make sure the solder on the two pads does not touch and that no bridge has formed between them.

⑤ Route the wires so that they are not under tension and do not rub against sharp edges of the frame or against the propellers. Secure them with a cable tie if necessary.

Reversed polarity or a short circuit on the power pads will destroy the electronic speed controller (ESC) and the flight controller (FC). Check the polarity before connecting the battery for the first time, ideally with a multimeter (short-circuit test between + and −).

2.2 Connecting and disconnecting

- Insert the connector into its counterpart straight and all the way in. The connection is held by the friction of the contacts.
- When disconnecting, always pull on the connector body, never on the wires – pulling on the cable can damage the solder joint inside the connector.
- The connector is keyed by its shape. If it only goes in with force, it is not oriented correctly – do not try to insert it the wrong way round.
- Connect the battery only when the model is ready for operation, and disconnect it immediately after use.

2.3 Inspection and maintenance

- Before each use, check that the wire insulation is undamaged and that the connector body is not cracked or melted.
- Replace a loose, blackened or melted connector or joint immediately. An elevated connector temperature after a flight indicates overload or poor contact.
- Keep the connector dry and clean. Do not use the product in damp conditions or in water. The product contains small parts – keep it out of the reach of children.

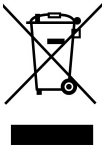
3. Information for the EU and Czech Market

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.