



XT60 · 14AWG · 10 cm

XT60 connector (male) with 14AWG cable
User manual



Please read this manual before soldering. Incorrect polarity can destroy the model's electronics.

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1. Product description

1.1 What it is for

The XT60 male connector with cable (a so-called pigtail) is used to conveniently connect a quadcopter or another RC model to a flight battery with an XT60 connector. The free ends of the cable are soldered to the power input of the model; the connector is then plugged into the XT60 counterpart on the battery.

The thick 14AWG wires with silicone insulation are sufficient even for powerful racing machines. The cable comes with the connector already fitted, so soldering is only needed on the model side.



XT60 male with 14AWG cable 10 cm

1.2 Technical data and package contents

Connector type	XT60, male
Wires	2 × 14AWG – red (+) and black (–)
Conductor diameter	1.62 mm without insulation (14AWG)
Insulation	silicone
Length	10 cm including connector
Package contents	1× XT60 male connector with cable
Not included	XT60 counterpart (female), solder, flux, heat-shrink tubing, tools
Product designation	XT60 samec s kabelem 14AWG 10cm

2. Use

2.1 What you will need

- a soldering iron with sufficient power for thick wires and solder pads,
- solder and flux,
- heat-shrink tubing – if you solder wire to wire,
- wire cutters and wire strippers,
- a multimeter to check for short circuits and polarity.

2.2 Soldering to the model

- ① Disconnect the battery and all other power sources from the model.
- ② Cut the wires to the required length, strip the ends and tin them.
- ③ Solder the **red wire** to the positive pole (+) and the **black wire** to the negative pole (–) of the power input – to the solder pads of the speed controller (ESC) or flight controller (FC), or to the model's power leads. For a wire-to-wire joint, slide on the heat-shrink tubing first.
- ④ Let the joints cool down, inspect them and insulate them. Use a multimeter to verify that there is no short circuit between + and – and that the polarity at the connector is correct.
- ⑤ When connecting the battery for the first time, we recommend using a short-circuit protector (a so-called smoke stopper).

2.3 Connecting and disconnecting the battery

- The XT60 connector has a shaped housing with chamfered corners; when correctly oriented it can only be plugged in one way. Never force it in the wrong way round.
- Push the connector all the way in so that the contacts are fully seated.
- When disconnecting, pull by the connector body, never by the cables.

2.4 Safety and care

- Never solder with the battery connected.
- Reverse polarity or a short circuit can destroy the model's electronics and the battery and cause a fire.
- Check the cable and connector regularly. Replace damaged insulation, a loose joint or a deformed connector.
- When operating the model in which the product is used, observe the regulations – the law of the country in which you operate the model applies.
- The product is intended for persons aged 14 and over.

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

3.2 Disposal

- The product contains no electronics or batteries. It consists of copper wires with silicone insulation and a plastic connector with metal contacts.
- At the end of its life, do not dispose of it with mixed household waste. Take it to a recycling centre or another collection point in accordance with the rules of your municipality.
- Dispose of the packaging in sorted waste according to its material.

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.