



JST-XH balance extension cable

Variants 2S, 3S, 4S and 6S
User manual



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

Rotorama, s.r.o. · www.rotorama.cz

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1. Product description

1.1 What it is for

An extension cable with JST-XH balance connectors – a plug at one end and a socket at the other. It is connected between the battery's balance connector and the charger's balance port.

The cable makes it easier to charge batteries with a short balance lead or batteries that stay in the model while charging. In addition, the wear caused by frequent plugging is taken by an inexpensive extension cable instead of the battery lead. This manual applies to all variants of the product.



JST-XH balance connectors

1.2 Technical data and package contents

Product designation	JST-XH balance extension cable
Connector	JST-XH (plug and socket)
Wires	22AWG
Length	200 mm
Package contents	1× extension cable
Not included	battery, charger

Variant	Number of cells	Number of pins
2S	2	3
3S	3	4
4S	4	5
6S	6	7

2. Use

2.1 What you will need

A charger with a balancer and a battery with a JST-XH balance connector with the same number of cells as the selected cable variant.

2.2 Connecting for charging step by step

- ① Check that the number of pins of the cable matches both the battery's balance connector and the charger port.
- ② Plug the battery's balance connector into the socket of the extension cable – the connector only fits one way; do not use force.
- ③ Connect the battery's main power connector to the charger and the plug of the extension cable to the charger's balance port for the given number of cells.
- ④ Check that the charger shows the correct number of cells and the voltage of each cell, and only then start charging.
- ⑤ When charging is finished, disconnect the battery from the charger and from the extension cable.

2.3 Choosing the right variant

- A balance connector always has one more pin than the number of battery cells (e.g. 4S = 5 pins).
- The cable is only used to extend the balance lead. Do not use it to carry the main charging or discharging current.

2.4 Safety and care

- Charge Li-Po batteries under supervision, on a non-flammable surface and away from flammable objects.
- Do not use a cable with damaged insulation or loose pins – a short circuit on the balance lead can damage the battery and the charger and cause a fire.
- When disconnecting, hold the connector housing; do not pull on the wires.
- 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 Product conformity



- The product bears the **CE** marking and complies with the requirements of the applicable European Union harmonisation legislation.
- A copy of the **EU Declaration of Conformity** is available from the importer at the address stated above or at the e-mail address info@rotorاما.cz.
- **Product identification:** the product designation “JST-XH balance extension cable” and the selected variant are given on the proof of purchase.

3.3 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.