2× 18650 Battery Tray

RadioMaster – replacement tray for 18650 Li-ion cells
for TX8 / TX12 / TX16 radios



Read this manual and the manual of your radio before use.

Rotorama, s.r.o. · www.rotorama.com

Contents

1. Product description

1.1 What it is for

1.2 Specifications and package contents

2. Use

2.1 Parts

2.2 Suitable cells

2.3 Inserting the cells and connecting to the radio

2.4 Safety, charging and maintenance

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 What it is for

The RadioMaster battery tray (Replacement 2x18650 Battery Tray for TX8 / TX12 / TX16) is a replacement holder for two **18650** Li-ion cells. It is inserted into the battery compartment of an RC radio, and the cells in it power the radio. The manufacturer lists it as a spare part for **RadioMaster TX8, TX12 and TX16** radios.

Use the tray when the original holder is damaged (broken plastic, loose or corroded contacts, damaged cable or connector), or when you want to prepare a second set of charged cells for a quick swap. The cells in the tray are connected in series (2S), and the tray connects to the radio with a cable and a JST-XH connector.



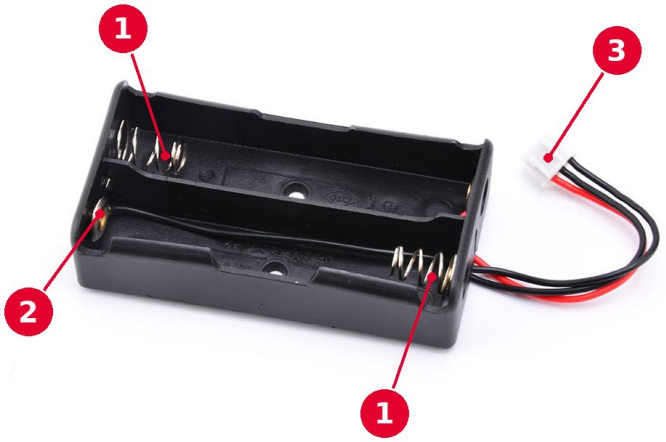
2× 18650 battery tray with cable and JST-XH connector

1.2 Specifications and package contents

Manufacturer	RadioMaster
Product name	Replacement 2x18650 Battery Tray for TX8 / TX12 / TX16
Manufacturer code	HP0157.BATTRAY
Cells	2× Li-ion 18650, connected in series (2S)
Compatibility according to the manufacturer	RadioMaster TX8 / TX12 / TX16
Output connector	JST-XH
Package contents	1× battery tray
Not included	18650 cells, radio, charger

2. Use

2.1 Parts



Parts of the tray

① Spring contact – the **negative pole (−)** of the cell goes here.

② Flat contact – the **positive pole (+)** of the cell goes here.

③ Cable with JST-XH connector for connecting to the radio.

※ The two cells sit in the tray in opposite directions – the spring is on the opposite side in each position. Check the polarity of each cell separately.

2.2 Suitable cells

Always follow the manual of your radio. For the **RadioMaster TX16S MKII**, the manufacturer states in its manual:

- approved: 2 Li-ion 18650 cells with a nominal voltage of **3.7 V**, connected in the tray to **7.4 V**,
- the built-in USB-C charger is designed for **unprotected** cells (without protection electronics) with a nominal voltage of 3.7 V and a maximum charge voltage of **4.2 V** per cell,
- **do not use** Li-ion cells with a nominal voltage of 3.6 V, LiFePO4 cells or 2S 6.6 V LiFe packs – charging the wrong cell type with the built-in charger may damage the radio or cause a fire.

Always insert **two identical cells** – same manufacturer, type, capacity and age, with the same state of charge. Do not use cells with a damaged wrapper, dented or hot cells.

2.3 Inserting the cells and connecting to the radio

① Switch the radio off.

② Open the battery compartment cover. Remove and disconnect the original tray – always pull the connector, never the wires.

③ Insert both cells into the tray: negative pole (−) to the spring contact, positive pole (+) to the flat contact.

④ Connect the tray connector to the power connector in the radio. The JST-XH connector fits only one way – do not use force.

⑤ Place the tray in the battery compartment and route the cable so that the cover does not pinch it. Close the cover.

⑥ Switch the radio on and check the supply voltage on the display.

※ If the radio does not switch on or shows an implausible voltage, switch it off immediately and check the polarity of both cells.

2.4 Safety, charging and maintenance

- Charge either with the radio's built-in charger according to its manual, or remove the cells and charge them in a charger designed for Li-ion cells.
- Never leave charging unattended and charge away from flammable materials. Do not charge a wet or damaged radio.
- Never short-circuit the connector pins. Do not carry the tray with cells inserted loose in a pocket or in a bag with metal objects.
- Remove the cells from the tray when storing the radio for a longer period.
- Regularly check the contacts, springs and cable. Do not continue to use a tray with cracked plastic, corroded contacts or damaged cable insulation.
- Remove the cells before disposing of the tray. Hand in used cells separately at a battery collection point.

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.