



1 Intended use

The product is intended for indoor use only. Do not use it outdoors.

Contact with moisture must be avoided under all circumstances.

Using the product for purposes other than those described above can damage the product. Improper product use can cause a short circuit, fire, electric shock, or other hazards.

This product complies with statutory, national and European regulations. For safety and approval purposes, you must not rebuild and/or modify the product.

Read the instructions carefully and store them in a safe place. Always provide these operating instructions when giving the product to a third party.

All company names and product names contained herein are trademarks of their respective owners. All rights reserved.

2 Delivery content

- BC4 charger
- Operating instructions
- Power cord with USB-A and USB-C connectors

3 Latest product information

Download the latest product information at www.conrad.com/downloads or scan the QR code shown. Follow the instructions on the website.

4 Explanation of symbols



This symbol warns of hazards that can lead to injury.



This symbol warns of a dangerous voltage which can lead to injuries due to electric shock.

5 Safety instructions



Read the operating instructions carefully and especially observe the safety information. If you do not follow the safety instructions and information on proper handling, we assume no liability for any resulting personal injury or damage to property. Such cases will invalidate the warranty/guarantee.

5.1 General

- This product is not a toy. Keep it out of the reach of children and pets.
- Do not leave packaging material lying around carelessly. It may become a dangerous plaything for children.
- Should you have any questions or concerns after reading this document, please contact our technical support or a professional technician.
- Maintenance, modifications and repairs must be carried out by a technician or a specialist repair centre.

5.2 Handling

- Please handle the product carefully. Impact, shocks or a fall even from a low height can damage the product.

5.3 Operating environment

- Do not expose the product to any mechanical stress.
- Protect the product from extreme temperatures, strong jolts, flammable gases, vapours, and solvents.
- Protect the product from high humidity and moisture.
- Protect the product from direct sunlight.
- Never switch the device on immediately after taking it from a cold into a warm environment. This may cause condensation to form, which can destroy the product. Allow the product to reach room temperature before using it.
- Avoid using the product near strong magnetic or electromagnetic fields, transmitter aerials or HF generators. Otherwise, the product may not function properly.

5.4 Operation

- Consult an expert when in doubt about the operation, safety or connection of the device.
- If it is no longer possible to operate the product safely, take it out of operation and protect it from any accidental use. DO NOT attempt to repair the product yourself. Safe operation can no longer be guaranteed if the product:
 - is visibly damaged,
 - is no longer working properly,
 - has been stored for extended periods in poor ambient conditions, or
 - has been subjected to any serious transport-related stress.

5.5 (Rechargeable) batteries

- Pay attention to correct polarity when inserting the (rechargeable) batteries.
- If you do not plan to use the product for an extended period, remove the rechargeable batteries to prevent damage from leaking. Leaking or damaged (rechargeable) batteries may cause acid burns if they come into contact with your skin. Therefore, use suitable protective gloves when handling damaged (rechargeable) batteries.
- (Rechargeable) batteries must be kept out of reach of children. Do not leave (rechargeable) batteries lying around, as there is risk, that children or pets swallow them.
- Remove the batteries from the charger after completing the programme (charge, discharge, refresh, test).
- Make sure you remove the batteries from the device before storing it.
- Leaking batteries can cause damage to the device.
- Batteries must not be dismantled, short-circuited or thrown into fire. Never attempt to recharge non-rechargeable batteries. This may cause an explosion!

5.6 USB connection cable

- Ensure the cord is properly connected. The device comes with a USB cable that has a USB-C connector for the device and a USB-A connector for an adapter/terminal device. Only connect the USB-A connector to suitable adapters/devices! Always observe the minimum technical requirements for adapters (DC 5 V/2 A) found on the back of the charger before using the charger for the first time!
- Discontinue use of the device if any electrical components (USB connection cable, charger) are damaged.
- Do not modify the USB connection cable or the charger.
- Never disconnect the device from the adapter by pulling on the connection cable. Always pull it out of the device/adapter using the intended grips.
- During extended periods of non-use disconnect the connection cable from the device and store it separately from the device. Do not bend or knot the cable putting it in storage.
- Make sure that the cable is not squeezed, bent, damaged by sharp edges or put under mechanical stress.
- Avoid excessive thermal stress on the connection cable from extreme heat or cold.
- Replace a damaged connection cable only with an equivalent product with the required specifications to avoid hazards.
- Always lay cables so that nobody can trip over or become entangled in them. Failure to do so could result in injury.

6 Product overview

The device has no controls and merely serves to charge batteries automatically. It has a total of 4 charging slots with adjustable metal clamps. Above the charging slots are four LEDs that indicate the charge level and charging process. The device also has a USB-C port for connecting the device to a power source using the supplied connection cable.

There are no controls for adjusting/changing/controlling the charging process.

7 Installation

The product requires no installation and is ready for use.

Please note that the product comes without a mains adapter. Connect the product to a suitable power source, as described in section 8.

8 Operation

1. Insert the USB-C plug of the supplied connection cable into the dedicated USB-C port on the top of your charger.
2. Insert the USB-A plug of the connection cable into the USB-A port of a suitable adapter or a chargeable terminal device.
3. Ensure the adapter is properly connected to the mains or that the terminal device has a sufficient power supply (5 V/2 A or more) or is sufficiently charged (e.g. laptop, power bank, etc.).

4. When properly connected, the charger automatically detects the power supply and starts charging. Initially, all four LED indicators light up once from bottom to top and then go off.
5. You can now insert rechargeable batteries to be charged. Observe the "+" and "-" markings in the charging points. Up to 4 rechargeable batteries can be charged at the same time. When inserting the battery, ensure that it sits firmly in place and is not loose. You can push down the metal clamping elements to charge different-sized batteries. Only use compatible rechargeable batteries!
6. The four LED indicators show the respective charge level of the battery being charged and move upwards during the charging process (25%, 50%, 75%, 100%).
7. Once the charging process has been completed successfully, the LED indicators above the batteries will light up constantly. Remove the charged batteries and disconnect the charger from the power supply.

9 Troubleshooting

Problem	Cause	Remedy
The LED above the battery shows all four bars and flashes.	The battery is inserted incorrectly.	Insert the battery correctly by observing the "+" and "-" markings.
Batteries are inserted correctly, but all LEDs are off.	The device is not connected to the mains supply, or the power source is not suitable.	Connect the device to a suitable power source (adapter/terminal device, see section 8) using the connection cable.
The LED above the battery only shows the charge level and then keeps flashing.	There is a battery in the charging slot below the LED indicator concerned.	Remove the battery immediately and only use compatible batteries for charging!
All batteries are correctly inserted, and the device is connected to a functioning and suitable power source. The charging process does not take place or the LEDs are off.	The power cord, power source or device is connected incorrectly or faulty.	Check that all connectors are plugged in correctly. If the problem persists after multiple checks, disconnect the device from the power source and contact Conrad customer support.

10 Cleaning and care

Important:

- Do not use aggressive cleaning agents, rubbing alcohol or other chemical solutions. They can damage the housing and can cause the product to malfunction.
- Do not immerse the product in water.

1. Disconnect the product from the power supply.
2. Clean the product with a dry, lint-free cloth.

11 Disposal

11.1 Product



This symbol must appear on any electrical and electronic equipment placed on the EU market. This symbol indicates that this device should not be disposed of as unsorted municipal waste at the end of its service life.

Owners of WEEE (Waste from Electrical and Electronic Equipment) shall dispose of it separately from unsorted municipal waste. Spent batteries and accumulators, which are not enclosed by the WEEE, as well as lamps that can be removed from the WEEE in a non-destructive manner, must be removed by end users from the WEEE in a non-destructive manner before it is handed over to a collection point.

Distributors of electrical and electronic equipment are legally obliged to provide free take-back of waste. Conrad provides the following return options **free of charge** (more details on our website):

- in our Conrad offices
- at the Conrad collection points
- at the collection points of public waste management authorities or the collection points set up by manufacturers or distributors within the meaning of the ElektroG

End users are responsible for deleting personal data from the WEEE to be disposed of.

It should be noted that different obligations about the return or recycling of WEEE may apply in countries outside of Germany.

11.2 (Rechargeable) batteries

Remove batteries/rechargeable batteries, if any, and dispose of them separately from the product. According to the Battery Directive, end users are legally obliged to return all spent batteries/rechargeable batteries; they must not be disposed of in the normal household waste.



Batteries/rechargeable batteries containing hazardous substances are labelled with this symbol to indicate that disposal in household waste is forbidden. The abbreviations for heavy metals in batteries are: Cd = Cadmium, Hg = Mercury, Pb = Lead (name on (rechargeable) batteries, e.g. below the trash icon on the left).

Used (rechargeable) batteries can be returned to collection points in your municipality, our stores or wherever (rechargeable) batteries are sold. You thus fulfil your statutory obligations and contribute to environmental protection.

Batteries/rechargeable batteries that are disposed of should be protected against short circuit and their exposed terminals should be covered completely with insulating tape before disposal. Even empty batteries/rechargeable batteries can contain residual energy that may cause them to swell, burst, catch fire or explode in the event of a short circuit.

12 Technical data

12.1 Power supply

Input voltage/current.....	Input: DC 5 V/2 A (USB-C® input) Output 1: DC 4.2 V 2 A*1 (slot 4), 1 A*2, 0.5 A*4 Output 2: DC 1.48 V 0.5 A*4
Trickle charging	200 mA ± 50 mA (NiMH rechargeable batteries only)
Material.....	ABS
Power consumption	10 W
Maximum charge voltage	Li-ion: 4.2 V ±0.05 V NiMH: 1.48 V ±0.05 V
Compatible rechargeable batteries..	1.2 V Ni-MH/CD: A, AA, AAA, AAAA, C, SC 3.6 V/3.7 V Li-ion (IMR/INR/ICR): 10340/10440/14500/14650/16340/17335/17500/17670/ 18350/18500/18650/18700/20700/21700/22650/22700/ 26500/26650

12.2 Ambient conditions

Operating temperature and operating humidity	0 – 40 °C/≤ 45% RH (non-condensing)
Storage temperature storage humidity	-20 – 70 °C & 85% RH (non-condensing)

12.3 Miscellaneous

Dimensions (L x W x H).....	118 x 96 x 33 mm
Weight	approx. 127 g