

Camelion BC-904S

Camelion BC-904S Battery Charger User Manual

Model: BC-904S (20000904)

1. INTRODUCTION

The Camelion BC-904S is a versatile wall charger designed for NiMH and NiCd rechargeable batteries. It can charge up to four AA or AAA batteries, or up to two 9V batteries simultaneously. This charger features a low charging current for comfortable charging and extended battery life, reverse polarity protection, and LED indicators to monitor charging status. Key features include:

- Charges 2-4 AA/AAA (NiMH or NiCd) batteries.
- Charges 1-2 9V (NiMH or NiCd) batteries.
- Low charging current for optimal battery life.
- Reverse polarity protection.
- LED indicators for charging status.

2. SETUP

Before using your Camelion BC-904S charger, please follow these simple steps:

1. **Unpack the Charger:** Carefully remove the charger from its packaging. Inspect it for any visible damage.
2. **Locate a Power Outlet:** Find a standard wall power outlet (AC 230V~50Hz) in a dry, indoor location. Ensure the outlet is easily accessible.
3. **Plug in the Charger:** Extend the integrated wall plug and insert the charger directly into the power outlet.





Figure 2.1: Side view of the charger showing the integrated wall plug. Ensure the charger is securely plugged into a suitable power outlet.

3. OPERATING INSTRUCTIONS

This section details how to properly charge your rechargeable batteries using the BC-904S charger.

3.1. Inserting Batteries

The charger supports AA, AAA, and 9V NiMH/NiCd batteries. Always ensure you are using rechargeable batteries of the

correct type and size.

- **For AA/AAA Batteries:** Insert up to four AA or AAA batteries into their respective slots, observing the correct polarity (+/-) indicated inside the charger. The charger has two independent charging channels for AA/AAA batteries, allowing you to charge 2 or 4 batteries.
- **For 9V Batteries:** Insert up to two 9V batteries into the dedicated 9V slots, ensuring correct polarity.



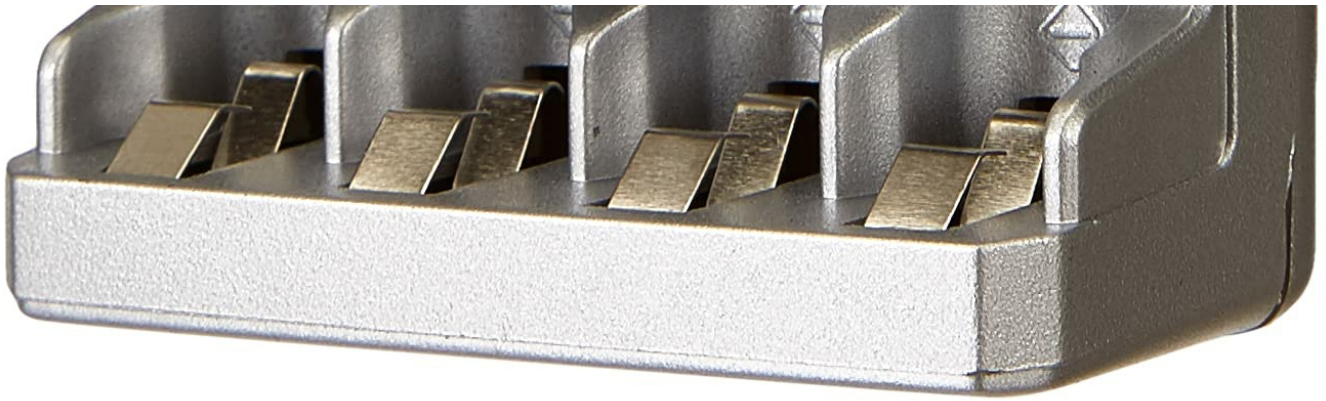


Figure 3.1: Front view of the charger showing battery slots. Insert batteries according to their size and polarity markings.

3.2. Charging Process

Once batteries are correctly inserted and the charger is plugged into a power outlet, the charging process begins automatically.

- **LED Indicators:** Red LED indicators will illuminate to show that charging is in progress for the respective battery slots.
- **Charging Time:** The charging time depends on the battery capacity and its current charge level. The charger uses a low charging current, which is beneficial for battery longevity but results in longer charging times compared to fast chargers.
- **Completion:** The LED indicators on this model remain red throughout the charging process and do not change color or turn off when batteries are fully charged. It is recommended to estimate charging time based on battery capacity and charger output (refer to specifications). Overcharging for extended periods is not recommended.

3.3. Removing Batteries

Once the estimated charging time has passed, carefully remove the batteries from the charger. Unplug the charger from the wall outlet when not in use.

4. MAINTENANCE

Proper care and maintenance will ensure the longevity of your charger.

- **Cleaning:** Disconnect the charger from the power outlet before cleaning. Use a soft, dry cloth to wipe the exterior of the charger. Do not use liquid cleaners or solvents.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Moisture:** This charger is designed for indoor use only. Do not expose it to water or high humidity.

5. TROUBLESHOOTING

If you encounter issues with your charger, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
LED indicator does not light up.	Charger not plugged in. Battery inserted incorrectly (reverse polarity). Non-rechargeable battery inserted. Battery is defective or completely discharged.	Ensure the charger is securely plugged into a live power outlet. Check battery polarity and reinsert correctly. Only use NiMH or NiCd rechargeable batteries. Try charging a different, known-good rechargeable battery.
Batteries do not seem to charge fully.	Insufficient charging time. Batteries are old or degraded. Charger output current is low (by design).	Allow sufficient time for charging based on battery capacity. Consider replacing old batteries. This charger uses a low current for battery longevity; it is not a fast charger.
LED indicator remains red after long charging.	This model's LEDs do not change color or turn off upon full charge.	This is normal operation. Refer to the estimated charging times and avoid excessive overcharging.

6. SPECIFICATIONS

Technical specifications for the Camelion BC-904S Battery Charger:

Model No.	BC-904S (20000904)
Input	AC 230V~50Hz
Output (AA/AAA)	DC 2 x 2.8V === 160mA (AA/R6 Size) DC 2 x 2.8V === 80mA (AAA/R03 Size)
Output (9V)	2 x 9.0V === 25mA (9V Size)
Compatible Batteries	NiMH / NiCd (AA, AAA, 9V)
Dimensions	8.4 x 21 x 13 cm
Weight	275 g
Safety Compliance	CE



SGA

Camelion®

Battery Charger

MODEL NO. : BC-0904S

INPUT: AC 230V~50Hz

OUTPUT: DC 2 x (2.8V---160mA) AA(R6) Size

2 x (2.8V---80mA) AAA(R03) Size

2 x (9.0V---25mA) 9V Size

CAUTION: RISK OF ELECTRIC SHOCK. DRY LOCATION USE ONLY.
CHARGE AA/AAA/9V NI-MH/NI-CD TYPE RECHARGEABLE BATTERIES.
OTHER TYPES OF BATTERIES MAY BURST CAUSING PERSONAL INJURY
AND DAMAGE.

ATTENTION: RISQUE DE CHOC ELECTRIQUE. UTILISER DANS UN
ENDROIT SEC SEULEMENT. CHARGER SEULEMENT DES PILES DE AA/
AAA/9V NI-MH/NI-CD RECHARGEABLES. D'AUTRES TYPES DE PILES
PEUVENT EXPLOSER ET CAUSER DES BLESSURES OU DES DOMMAGES.



Figure 6.1: Back label of the charger displaying detailed electrical specifications and safety information.

7. WARRANTY INFORMATION

Specific warranty details for the Camelion BC-904S charger are not provided in the available product data. For warranty claims or detailed information, please refer to the documentation included with your purchase or visit the official Camelion website.

8. CUSTOMER SUPPORT

If you require further assistance or have questions not covered in this manual, please contact Camelion customer support through their official website or the retailer from whom you purchased the product.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question