

## LLOYTRON B1551

# LLOYTRON B1551 Smart Alkaline AA/AAA Battery Charger Instruction Manual

Model: B1551

## 1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient use of your LLOYTRON B1551 Smart Alkaline Charger. This device is designed to recharge AA and AAA alkaline batteries. Please read this manual thoroughly before first use and retain it for future reference.



Image 1.1: The LLOYTRON B1551 Smart Alkaline Charger with four AA batteries in its charging slots. The charger features an LCD screen and a hinged lid.

## 2. IMPORTANT SAFETY INFORMATION

To prevent injury or damage to the charger and batteries, observe the following safety precautions:

- **Compatibility:** This charger is exclusively designed for **AA and AAA ALKALINE batteries only**. Do not attempt to charge rechargeable (NiMH, NiCd), carbon-zinc, or heavy-duty batteries. Charging incompatible battery types can lead to leakage, rupture, or explosion.
- **Condition of Batteries:** Only charge alkaline batteries that are in good condition. If a battery is damaged, leaking, or shows signs of corrosion, do not attempt to charge it.
- **Polarity:** Always insert batteries with the correct polarity (+ and -) as indicated in the charging slots. Incorrect insertion can cause damage.
- **Ventilation:** Ensure the charger is placed in a well-ventilated area during operation.
- **Moisture:** Do not expose the charger to water or excessive moisture.
- **Disassembly:** Do not attempt to disassemble or modify the charger. Refer all servicing to qualified personnel.
- **Children:** Keep the charger and batteries out of reach of children.
- **Power Source:** Use only with a standard 240V AC power outlet.

## 3. PACKAGE CONTENTS

Upon opening the package, verify that the following items are included:

- 1 x LLOYTRON B1551 Smart Alkaline Charger
- 1 x Instruction Manual (this document)

## 4. SETUP

1. Unpack the LLOYTRON B1551 charger from its packaging.
2. Place the charger on a stable, flat surface in a dry, well-ventilated area, away from direct sunlight or heat sources.
3. Connect the charger's power cord to a standard 240V AC wall outlet. The LCD screen may briefly illuminate.



Image 4.1: The LLOYTRON B1551 charger shown with its retail packaging, highlighting features like "2hr charge" and "Up to 10x Charges".

## 5. OPERATING INSTRUCTIONS

### 5.1. Battery Compatibility

The LLOYTRON B1551 charger is designed exclusively for AA and AAA alkaline batteries. It can charge 1 to 4 batteries simultaneously.

## CHARGES THESE BATTERY TYPES



Image 5.1: Visual representation of AAA and AA battery types, indicating compatibility with the charger.

### 5.2. Inserting Batteries

1. Open the charger lid.
2. Insert 1 to 4 AA or AAA alkaline batteries into the appropriate charging slots. Ensure correct polarity (+ and -) by matching the battery terminals with the markings in the slots.
3. Close the charger lid.

### 5.3. Charging Process and LCD Display

The charger features an LCD display to indicate the charging status of each battery.

- **Charging Indication:** When a battery is charging, its corresponding battery symbol on the LCD will flash, and the letters "CHG" will be displayed.
- **Charge Completion:** Once a battery is fully charged, its battery symbol will stop flashing, and the LCD backlight will turn off for that specific battery slot.
- **Error Indication:** If a faulty or incorrect battery type is inserted, the microprocessor-controlled LCD will display an error message. Refer to the Troubleshooting section for details.





Image 5.2: A series of images demonstrating the LCD display's progression during charging, from an empty battery icon to a full one, with "CHG" indicating active charging.

#### 5.4. Charging Time

The typical charging time for alkaline batteries is approximately 2 hours. Larger mAh capacity batteries may



require slightly more time to reach a full charge.



Image 5.3: The LLOYTRON B1551 charger displaying its LCD screen, accompanied by graphical icons representing charging states and a "2hr charge" indicator.

## 5.5. Removing Batteries

Once charging is complete, open the lid and carefully remove the charged batteries.

## 6. MAINTENANCE

- **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 abrasive materials.
- **Storage:** When not in use, store the charger in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Life:** Many alkaline batteries can be recharged up to 10 times, depending on their initial quality and discharge depth.

## 7. TROUBLESHOOTING


Problem	Possible Cause	Solution
LCD displays an error message.	<ul style="list-style-type: none"> <li>• Incorrect battery type inserted (e.g., rechargeable, carbon-zinc).</li> <li>• Faulty or severely depleted alkaline battery.</li> <li>• Battery inserted with incorrect polarity.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure only AA or AAA alkaline batteries are used.</li> <li>• Remove and re-insert the battery, ensuring correct polarity.</li> <li>• If the error persists, the battery may be faulty and should be replaced.</li> </ul>
Battery symbol not flashing / "CHG" not displayed.	<ul style="list-style-type: none"> <li>• Battery already fully charged.</li> <li>• Battery not making proper contact.</li> <li>• Charger not powered.</li> </ul>	<ul style="list-style-type: none"> <li>• Check if the LCD backlight is off for that slot, indicating full charge.</li> <li>• Adjust the battery in the slot to ensure good contact.</li> <li>• Verify the charger is securely plugged into a live power outlet.</li> </ul>
Batteries leak during or after charging.	<ul style="list-style-type: none"> <li>• Battery was already damaged or too old.</li> <li>• Battery was over-discharged before charging.</li> <li>• Charging incompatible battery types.</li> </ul>	<ul style="list-style-type: none"> <li>• Only charge alkaline batteries in good condition.</li> <li>• Avoid charging alkaline batteries that are completely dead or have been stored discharged for extended periods.</li> <li>• Ensure only AA or AAA alkaline batteries are used.</li> </ul>

## 8. SPECIFICATIONS

Brand	LLOYTRON
Model Number	B1551
Compatible Battery Types	AA and AAA Alkaline Batteries ONLY
Battery Composition	Alkaline
Input Voltage	240 Volts AC
Output Voltage	1.5 Volts DC
Charge Time	Approximately 2 hours (varies by battery capacity)
AA Charge Rate (1 battery)	1.5V DC 600mA
AA Charge Rate (2 batteries)	1.5V DC 300mA
AA Charge Rate (3 batteries)	1.5V DC 150mA
AA Charge Rate (4 batteries)	1.5V DC 150mA
AAA Charge Rate (1 battery)	1.5V DC 300mA
AAA Charge Rate (2 batteries)	1.5V DC 150mA

AAA Charge Rate (3 batteries)	1.5V DC 75mA
AAA Charge Rate (4 batteries)	1.5V DC 75mA
Product Dimensions	7P x 8I x 16H centimeters
Color	Silver
Safety Features	Overload Protection, Reverse Polarity Protection, Short-Circuit Protection, Microprocessor-controlled LCD Error Display



<div><div>STAYWARM</div><div>OPERATING INSTRUCTIONS</div><div>2000w Convactor Heater</div><div></div><div><div>BEFORE OPERATION</div><div>CAUTION: HEAT, FLAME, AND HOT SURFACES. READ INSTRUCTIONS CAREFULLY. THIS PRODUCT IS ONLY SUITABLE FOR WELL-INSULATED SPACES OR ROOMS. DO NOT USE WITH EXTENSION CORDS OR TAPERS.</div><div>MODEL: F2403/F2406</div></div></div>	<div><div><a href="#">Lloytron F2403 / F2406 Electric Heater Technical Specifications</a></div><div>Comprehensive technical specifications for Lloytron F2403 and F2406 electric heaters, detailing heat output, power consumption, and control features.</div></div>
<div><div>LLOYTRON</div><div>OPERATING INSTRUCTIONS</div><div>Home Charger</div><div></div><div>MODEL: B046</div></div>	<div><div><a href="#">Lloytron B046 Home Charger Operating Instructions and Safety Guide</a></div><div>Comprehensive operating instructions, safety precautions, specifications, and charging guide for the Lloytron B046 Home Charger. Learn how to safely charge AA, AAA, and PP3 Ni-MH/Ni-Cd batteries.</div></div>
<div><div>LLOYTRON</div><div>OPERATING INSTRUCTIONS</div><div>Rhythm AM/FM Portable Radio</div><div></div><div>MODEL: N2404</div><div><div>MADE IN CHINA</div><div>customer.service@lloytron.com</div><div>www.lloytronhelpdesk.com</div></div><div><small>To find more details on a wide range of Lloytron products please visit our website at www.lloytron.com or telephone 0800 000 0000. © Lloytron Ltd 2018.</small></div></div>	<div><div><a href="#">Lloytron Rhythm AM/FM Portable Radio Model N2404 Operating Instructions</a></div><div>Operating instructions for the Lloytron Rhythm AM/FM Portable Radio (Model N2404), covering features, specifications, safety precautions, operation, cleaning, and plug rewiring.</div></div>