

Intelligent Alkaline Charger



MODEL: B1550

If you have any queries about this product, there are three ways to contact our customer service department:

 **08454 81 8808**

 **customerservice@lloytron.com**

 **www.lloytronhelpdesk.com**

thank you

Thank you for the purchase of this quality **LLOYTRON** product. Used carefully and in accordance with the instructions enclosed, it should give you trouble free service over a long period of time. Please keep these instructions for future reference.

FEATURES

- Individually Charges 'AA' or 'AAA' Batteries Only.
- Charges up to 4 x 'AA' or 'AAA' Ni-Mh or 4 x Alkaline Non-Rechargeable batteries at a time.
- Mains Plug in operation.
- Universal voltage 100-240v ~ 50/60Hz.
- Intelligent Microprocessor with LCD Display – individual status displays for each battery.
- Automatic Short Circuit and Reverse Polarity Protection.
- Over-Charge Protection.

IMPORTANT SAFEGUARDS AND PRECAUTIONS


SAVE THESE INSTRUCTIONS

- Read all instructions carefully
- For Household Use only. Not intended for commercial use.
- Only for use indoors.

 **DO NOT**

Do not use outside or in damp conditions.

- Before plugging into mains socket, check whether supply line voltage and current rating are in compliance with the rated electrical parameters shown on the rating label.
- Keep away from hot surfaces, such as gas or electric hobs and ovens etc

 **DO NOT**

Do not use for any purposes other than the appliances intended use.

- This appliance is not intended to be operated by means of an external timer or separate remote control system.

 **DO NOT**

Do not use if any part of this appliance is damaged in any way.

- Always unplug when not in use.
- To prevent against the risk of electric shock, do not submerge any part of this appliance in water, unless advised in this manual.
- If the supply cord is damaged, do not use. Check before each use!
- if the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
- This appliance should only be used on a flat surface.



- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with this appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Instruct the child not to try and recharge non-rechargeable batteries because of the danger of eruption.
- Examine the battery charger regularly for damage, especially the cord, plug and enclosure. If the battery charger is damaged, it must not be used until it has been repaired.

When using electrical appliances, basic safety precautions should always be followed, including the following:

- This charger is intended for use with Nickel Cadmium, Nickel-Metal hydride and alkaline batteries only.
- Charging other batteries may cause personal injury and damage to the charger.
- Observe correct polarity.

⊘ DO NOT

Do not charge a leaking or corroded battery.

⊘ DO NOT

Do not short circuit terminals.

⊘ DO NOT

Do not charge Zinc Carbon or Lithium Batteries.

⊘ DO NOT

Do not try to charge non-rechargeable batteries. Unless known as alkaline.

⊘ DO NOT

Do not mix chemistry types of batteries when charging.



⚠ WARNING

Do not charge Zinc Carbon or completely discharged Alkaline batteries. This may cause the batteries to swell, explode and leak. If you are unsure about the nature of your batteries, **DO NOT CHARGE!**

***Note:** Recharging of Alkaline batteries varies on the quality and the current charge within the battery. The voltage of the battery after charging may vary slightly depending on the original condition from 1.2-1.5v. If battery is in poor condition, then it should not be charged, and in doing so could leak.*

SPECIFICATIONS

Input Voltage: 100-240v ~ 50Hz

Charging Rates

- AA (Ni-MH Rechargeable) – 1.2v DC /1200mA (x 1pc), 600mA (x 2pcs), 300mA (x 3pcs), 300mA (x 4pcs)
- AAA - (Ni-MH Rechargeable) - 1.2v DC /600mA (x 1pc), 300mA (x 2pcs), 150mA (x 3pcs), 150mA (x 4pcs)
- AA or AA (Alkaline Non-Rechargeable) – 1.5v DC / 100mA

GUIDE TO CHARGING TIMES

To calculate the charging times, use the following formula:

Charging Time = Battery Capacity / Charging Rate

Examples:

Rechargeable

- (AA 1600mAh) **1.5hrs** = 1600mAh / 1200mA
- (AA 2100mAh) **2hrs** = 2100mAh / 1200mA
- (AAA 800mAh) **1.5hr** = 800mAh / 600mA

Alkaline

- AAA = **4hrs** (approx.)
- AA = **6hrs** (approx.)

🚫 DO NOT

Do not charge alkaline batteries and Ni-Mh rechargeable batteries at the same time.



HOW TO USE

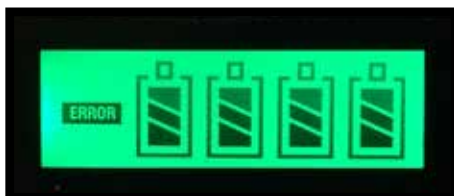
- This charger will charge 2 or 4 'AA' or 'AAA' batteries at a time.
- Ni-Mh rechargeable batteries can be charged as well as Alkaline non-rechargeable batteries – **DO NOT USE ZINC CARBON BATTERIES.**
- Ni-Cd (Nickel Cadmium) Batteries must be **DISCHARGED** before use to avoid memory defect.
- Always observe **CORRECT POLARITY** when inserting batteries
- When using Alkaline or Ni-Mh batteries, the Battery Symbol on the LCD display will **FLASH** to indicate that the battery is **CHARGING**.
- The LCD Display will also state '**CHG**' to indicate that the battery is **CHARGING**.



- The Battery symbol will **BECOME STATIC** and the **BACKLIGHTING** on the LCD Display will extinguish to indicate that the battery is **FULLY CHARGED**.



- If there is an error, such as incorrect battery type, a defective battery or a short circuit, the LCD Display will state '**ERROR**'.

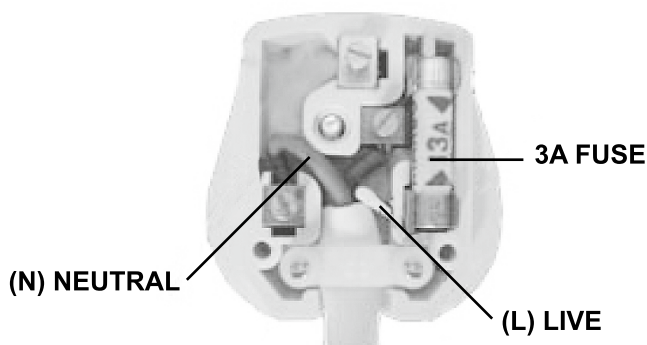


Note: It is extremely important that you do not attempt to charge carbon zinc batteries, as this could cause damage to the product and/or personal injury. If carbon zinc batteries are used, the LCD screen will still display 'CHG', but they will not charge and may leak or explode.

- **ALWAYS** calculate the charging time required using the formula shown in '**GUIDE TO CHARGING TIMES**' section of this instruction manual **BEFORE COMMENCING CHARGE**.
- Do not charge more than twice the maximum charging time as this may damage the batteries and cause them to leak.



UK PLUG REWIRING



Your appliance operates on 220-240V~50Hz AC Mains and comes fitted with a 3-pin BSI Approved plug, so that it is ready for use by simply plugging into AC Mains. Should you need to change or refit a plug, proceed as follows: -

■ IMPORTANT:

The wires in the mains lead are coloured in accordance with the following code:

BLUE:	NEUTRAL (N)
BROWN:	LIVE (L)

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The BLUE wire must be connected to the terminal which is marked with the letter "N" or coloured BLACK. The BROWN wire must be connected to the terminal which is marked with the letter "L" or coloured RED.

■ DO NOT CONNECT EITHER WIRE 'L' OR 'N' TO THE EARTH TERMINAL OF A 3-PIN PLUG

Always ensure that the Mains Cord is located into the Plug through the Cord Guard or Cable Clamp, and that the Cord Guard screws are tightened to clamp the Cord (outer sheath and inner coloured wires) in position in the Plug. Make sure the Plug top is also fitted securely.

The supply cord cannot be replaced. If the supply cord is damaged, the appliance should be scrapped.

This appliance must be protected by a 3 Amp fuse in a 13 Amp type (BS1363) plug. Should you need to replace the fuse, use only an ASTA approved BS1362 fuse.



WEEE/ENVIRONMENTAL PROTECTION



■ DISPOSAL OF ELECTRICAL AND ELECTRONIC EQUIPMENT

Do not dispose of this product with household waste. For the proper treatment, recovery and recycling please take this product to the appropriate waste collection point. If you are unsure where this may be, please contact your local authority. Improper disposal may be harmful to the environment.



■ PRODUCT END OF LIFE AND BATTERY DISPOSAL

The rechargeable battery contains substances that may pollute the environment. At end of life for the product, always remove the battery and separate before you discard the product at your local waste collection point. Both battery and product should be disposed separately.

If you have trouble removing the battery, then you should contact a qualified technician or authorised service centre.

Contact your local authority for details and locations of official waste collection points. Do not dispose of batteries or product with normal household waste.





LLOYTRON® CUSTOMER SERVICES

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To find more details on a wide range of Lloytron products please visit our website at **www.lloytron.com**
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