



OPERATING INSTRUCTIONS

Intelligent LCD Battery Charger



MODEL: B1504

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 Ni-Cd 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.
- Do not leave unattended.
- Defective batteries being charged may leak or in rare cases explode.



- 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 and Nickel-Metal hydride 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 try to charge non-rechargeable batteries.

⊘ DO NOT

Do not charge Zinc Carbon, Alkaline or Lithium Batteries.

⊘ DO NOT

Do not mix chemistry types of batteries when charging.



SPECIFICATIONS

- Input Voltage: 100-240v ~ 50Hz
- Output: 1.2v DC/1800mA

Charging Rates

- AA – 1.2v DC /1800mA (x 1pc), 900mA (x 2pcs), 450mA (x 3pcs), 450mA (x 4pcs)
- AAA - 1.2v DC /900mA (x 1pc), 250mA (x 2pcs), 225mA (x 3pcs), 225mA (x 4pcs)

GUIDE TO CHARGING TIMES

To calculate the charging times, use the following formula:

Charging Time = Battery Capacity / Charging Rate

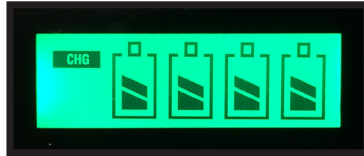
Examples:

- (AA 1600mAh) 1hr = 1600mAh / 1800mA
- (AA 2100mAh) 1.5hrs = 2100mAh / 1800mA
- (AAA 800mAh) 1hr = 800mAh / 900mA

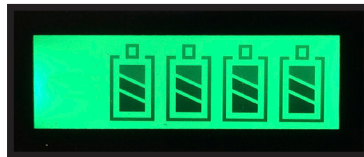


HOW TO USE

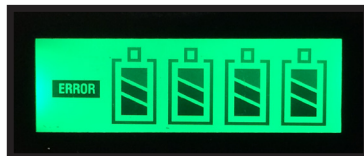
- This charger will charge 1-4 individual 'AA' or 'AAA' batteries at a time.
- Both Ni-Mh or Ni-Cd batteries can be charged.
- Ni-Cd (Nickel Cadmium) Batteries must be **discharged** before use to avoid memory defect.
- Always observe **correct polarity** when inserting batteries
- The Battery Symbol 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** to indicate that the battery is **fully charged**.



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



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

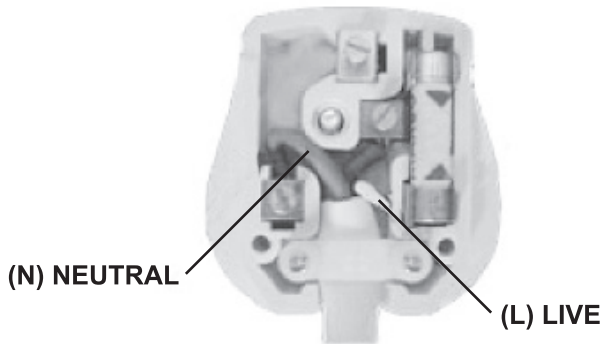
The rechargeable battery contains substances that may pollute the environment. At end of life for the product, always remove the battery and separate before you discard the product at your local waste collection point. Both battery and product should be disposed separately.

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.



FITTING A NEW UK PLUG



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 for the UK or Eire market. If for any reason you need to fit a new plug, the flexible mains lead must be connected as shown below: -

■ 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.



LLOYTRON® CUSTOMER SERVICES

If you have any queries about this product then please contact Lloytron Customer Services online at:



www.lloytronhelpdesk.com

To find out more about Lloytron products, visit www.lloytron.com



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