

Hillflower AAA-HFE-L1AC4-B4

Hillflower 4-Piece AAA LR3 LR03 AM4 MN2400 1.5V Alkaline Battery User Manual

Model: AAA-HFE-L1AC4-B4

1. INTRODUCTION

This manual provides essential information for the safe and effective use of Hillflower 4-Piece AAA LR3 LR03 AM4 MN2400 1.5V Alkaline Batteries. Please read this manual thoroughly before using the product and retain it for future reference.

2. SAFETY INFORMATION

WARNING: Improper use of batteries can result in leakage, heat generation, fire, or explosion, which may cause injury. Always follow these safety guidelines.

- Do not recharge non-rechargeable batteries.
- Do not disassemble, crush, puncture, or short-circuit batteries.
- Do not expose batteries to fire or high temperatures.
- Do not mix old and new batteries, or different types of batteries (e.g., alkaline and carbon-zinc).
- Insert batteries correctly, observing the positive (+) and negative (-) polarity markings.
- Remove exhausted batteries promptly from devices.
- Keep batteries out of reach of children and pets. If swallowed, seek immediate medical attention.
- Store batteries in a cool, dry place at room temperature.
- If battery leakage occurs, avoid contact with skin and eyes. If contact occurs, rinse immediately with plenty of water and seek medical advice.

3. SETUP AND INSTALLATION

These batteries are designed for use in devices requiring AAA size 1.5V alkaline batteries.

1. Identify the battery compartment in your electronic device.
2. Open the battery compartment cover.

3. Observe the polarity markings (+ and -) inside the compartment.
4. Insert the Hillflower AAA batteries, ensuring that the positive (+) end of the battery aligns with the positive (+) terminal in the device, and the negative (-) end aligns with the negative (-) terminal.
5. Close the battery compartment cover securely.



Image: Hillflower AAA Alkaline Batteries, side view. This image displays two AAA batteries packaged together, highlighting their cylindrical shape and the positive and negative terminals at each end, essential for correct installation.

4. OPERATING INSTRUCTIONS

Once properly installed, the Hillflower AAA batteries will power your compatible electronic device. The operational life of the batteries will vary depending on the device's power consumption and usage patterns.

- For optimal performance, use batteries in devices designed for alkaline power sources.
- If your device stops functioning or shows signs of low power, replace all batteries simultaneously with new ones.

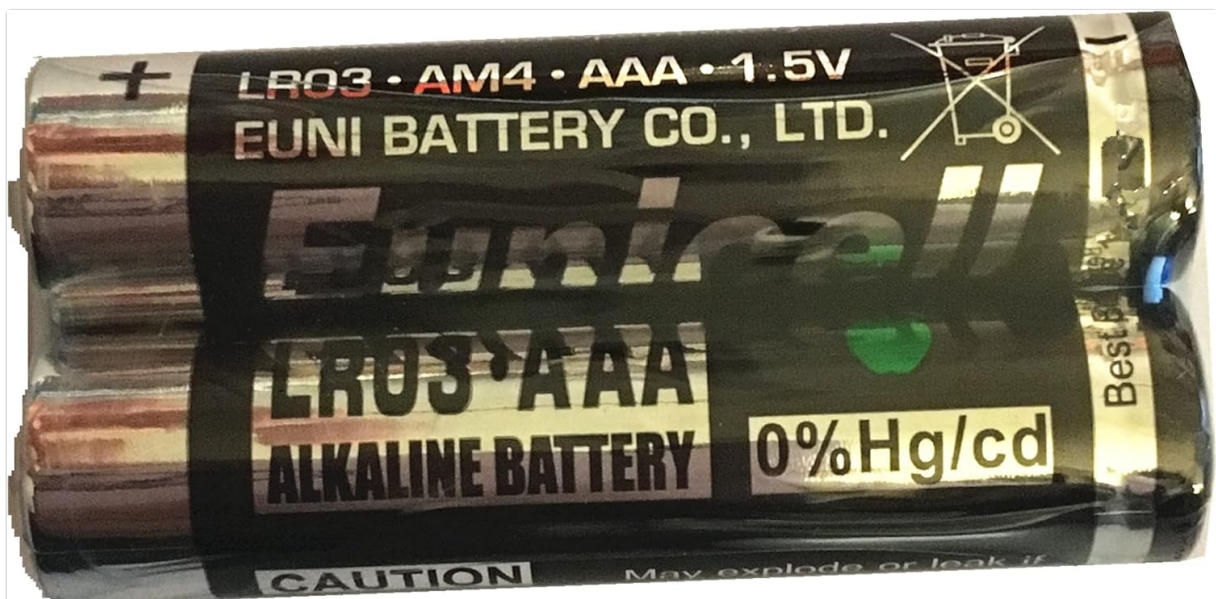


Image: Hillflower AAA Alkaline Batteries, front view in packaging. This image shows a pack of four AAA batteries, clearly displaying the brand name "Hillflower" and key specifications like "LR03 AAA 1.5V Alkaline Battery 0% Hg/cd".

5. MAINTENANCE AND STORAGE

- Store unused batteries in their original packaging in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not store batteries loosely in a pocket or purse with metal objects like coins or keys, as this can cause a short circuit.
- Clean battery contacts in devices and on batteries with a dry cloth if they become dirty.
- Remove batteries from devices that will not be used for extended periods to prevent potential leakage.

6. TROUBLESHOOTING

If your device is not working after installing new batteries, consider the following:

- **Incorrect Polarity:** Ensure batteries are inserted with the correct positive (+) and negative (-) orientation.
- **Battery Contacts:** Check if the battery contacts in the device or on the batteries are clean and free from corrosion. Gently clean with a pencil eraser or cotton swab if necessary.
- **Device Malfunction:** Test the device with another set of known-good batteries to rule out a device malfunction.
- **Exhausted Batteries:** Although new, batteries can sometimes be faulty. Try a different set of new batteries.

7. SPECIFICATIONS

Feature	Detail
Battery Type	AAA Alkaline
Model Numbers	LR3, LR03, AM4, MN2400
Nominal Voltage	1.5 Volts
Mercury Content	0% Hg (Mercury Free)
Cadmium Content	0% Cd (Cadmium Free)
Unit Count	4 Count
Brand	Hillflower
Manufacturer	HillflowerLLC
Recommended Uses	General household electronics, cameras, remote controls, toys, etc.

8. DISPOSAL INFORMATION

Please dispose of used batteries responsibly according to local regulations. Do not dispose of batteries in household waste. Many communities offer recycling programs for batteries.

PRODUCT NUMBER	SIZE	NOMINAL VOLTAGE	RATED CAPACITY*	LOAD	WEIGHT		VOLUME		TYPICAL GRAVIMETRIC ENERGY DENSITY**		TYPICAL VOLUMETRIC ENERGY DENSITY	
		volt	ampere-hours	amps	pounds	kilograms	cubic inches	liters	watt-hours per ounce	watt-hours per kilogram	watt-hours per cubic inch	watt-hours per liter
MN1000	D	1.5	13,000	10	0.904	0.138	3.446	0.034	39.2	130	5.2	322
MN1400	C	1.5	7,000	20	0.543	0.065	1.640	0.027	45.5	144	5.7	347
MN1500	AA	1.5	2,850	40	0.252	0.028	0.510	0.008	43.8	143	6.7	428
MN1600	AAA	1.5	1,150	75	0.224	0.018	0.250	0.004	57.3	126	6.6	341
MN1700	N	1.5	8,000	100	0.623	0.010	0.236	0.003	45.7	96	4.6	320
MN1800	F	6.0	8,500	340	0.675	0.434	0.990	0.014	37.2	82	2.9	174
MN1900	Li-ion	6.0	11,000	11	1.349	0.412	16.620	0.531	40.9	90	1.8	110
MN2000	Li-ion	6.0	24,000	9	2.902	1.270	75.590	1.243	48.1	91	1.7	91
MN2100	Ni	9.0	0.500	620	0.908	0.046	1.190	0.023	48.4	91	2.0	121

* TO 0.8V per cell at 23°C (75°F)
** Based on 1.2 volt average operating voltage per cell at 23°C (75°F)
Table 1. Comparison of typical energy densities of major DURACELL® alkaline cells/batteries.

Image: Hillflower AAA Alkaline Batteries, showing packaging with disposal symbol. This image provides a closer look at the battery packaging, which includes a crossed-out wheeled bin symbol, indicating that the product should not be disposed of with general waste.

9. WARRANTY AND SUPPORT

For product support or inquiries, please contact Hillflower LLC directly. Information regarding specific warranty terms may be available through your point of purchase or the official Hillflower website.

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