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› Kastar 1.2V 2200mAh Ni-MH AA Battery User Manual (Model MH-5B-AA1.2V-2200M-SOLDER-P)

Kastar MH-5B-AA1.2V-2200M-SOLDER-P

Kastar 1.2V 2200mAh Ni-MH AA Battery User Manual

MODEL: MH-5B-AA1.2V-2200M-SOLDER-P

Introduction

This manual provides essential information for the safe and effective use of your Kastar 1.2V 2200mAh Ni-MH AA batteries. Please read these instructions carefully before use and retain them for future reference.

Product Overview

The Kastar 1.2V 2200mAh Ni-MH AA batteries are designed for reliable power in compatible devices. These batteries are a suitable replacement for various models, including HQC281, HQG265, HQT360, HQT364, HQT368, HQT388, HQT562, HQT764, HQT784, HQT788, HS199, 138-10584, 20XL, 482XL, 484XL, 486XL, 5601X, and 5602X.

Key Features:

- **Battery Type:** Ni-MH (Nickel-Metal Hydride)
- **Voltage:** 1.2V
- **Capacity:** 2200mAh
- **Dimensions:** Approximately 50.29 x 14.37 x 14.37mm (1.98" x 0.57" x 0.57")

Package Contents:

- 5 x Kastar 1.2V 2200mAh Ni-MH AA Batteries



Image: A single Kastar 1.2V 2200mAh Ni-MH AA battery, showing its green casing and positive/negative terminals with solder tabs.

Safety Information

To ensure safe operation and prolong battery life, please observe the following:

- Do not disassemble, crush, puncture, or short-circuit the battery.
- Do not expose batteries to fire, high temperatures, or water.
- Do not mix new and old batteries, or batteries of different types or brands.
- Keep batteries out of reach of children.
- If battery fluid leaks and comes into contact with skin or eyes, rinse immediately with plenty of water and seek medical attention.
- Use only chargers specifically designed for Ni-MH batteries.

Setup and Installation

Before installing the batteries, ensure they are compatible with your device. Always check the required battery chemistry, size, and terminal configuration.

Please Check Carefully!
When selecting batteries:

Kastar®
Convenience of Life

✓ **Chemistry**

✓ **Size**

✓ **Terminal**



Image: A visual guide emphasizing the importance of checking battery chemistry, size, and terminal type for compatibility.

Installation Steps:

1. Identify the battery compartment in your device.
2. Observe the polarity markings (+ and -) inside the compartment and on the battery.
3. Insert the battery, aligning the positive (+) end of the battery with the positive (+) terminal in the device, and the negative (-) end with the negative (-) terminal.
4. Ensure the battery is securely seated.



Image: Close-up view of the battery's positive and negative terminals, indicating their polarity.

Operating Instructions

Charging:

- Use a dedicated Ni-MH battery charger. Do not use chargers designed for other battery chemistries (e.g., Ni-Cd, Li-ion).
- Follow the instructions provided with your charger for optimal charging times and procedures.
- Avoid overcharging, as this can reduce battery life. Many modern Ni-MH chargers have automatic shut-off features.

Usage:

- These batteries are suitable for a wide range of electronic devices requiring AA-sized Ni-MH batteries.
- For best performance, allow batteries to cool down after heavy use or charging before storing or reusing.

Maintenance

Storage:

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, it is recommended to store Ni-MH batteries at approximately 50% charge.
- Avoid storing batteries in metal containers or with other metallic objects to prevent short-circuiting.

Cleaning:

- If battery terminals become dirty, gently wipe them with a clean, dry cloth. Do not use abrasive materials or liquids.

Disposal:

- Do not dispose of batteries in household waste.
- Recycle batteries at designated collection points in accordance with local regulations.

Troubleshooting

- **Battery not charging:**
Ensure the charger is compatible with Ni-MH batteries and is properly plugged in. Check if the batteries are inserted correctly with the correct polarity. Inspect batteries for visible damage.
- **Device not powering on:**
Verify that the batteries are fully charged and correctly installed. Check the device's battery contacts for corrosion or obstruction. Test with another set of known good batteries if available.
- **Reduced operating time:**
Battery capacity can decrease over time with repeated charge/discharge cycles. Ensure batteries are fully charged before use. Consider replacing older batteries if performance significantly degrades.

Specifications

Attribute	Detail
Brand	Kastar
Model Number	MH-5B-AA1.2V-2200M-SOLDER-P
Battery Type	Ni-MH (Nickel-Metal Hydride)
Battery Cell Composition	NiMH
Voltage	1.2 Volts
Battery Capacity	2200 Milliamp Hours (mAh)
Item Dimensions (L x W x H)	1.98 x 0.57 x 0.57 inches (50.29 x 14.37 x 14.37 mm)
Number of Batteries	5 (AA size)
Compatible Models	HQC281, HQG265, HQT360, HQT364, HQT368, HQT388, HQT562, HQT764, HQT784, HQT788, HS199, 138-10584, 20XL, 482XL, 484XL, 486XL, 5601X, 5602X
UPC	697067253021

Warranty and Support

For warranty information or technical support, please refer to the documentation included with your purchase or contact Kastar customer service directly. You can often find support contact details on the official Kastar website or through the retailer where the product was purchased.

For more information about Kastar products, visit the [Kastar Store on Amazon](#).

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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.

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