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› Kastar HHR-P103 Ni-MH Battery Replacement User Manual

Kastar MH-1B-HHRP103-I

Kastar HHR-P103 Ni-MH Battery Replacement User Manual

Model: MH-1B-HHRP103-I

1. INTRODUCTION

This manual provides instructions for the safe and effective use of your Kastar HHR-P103 Ni-MH battery replacement. This battery is designed to provide reliable power for a wide range of cordless telephones.

1.1 Product Overview

The Kastar HHR-P103 is a high-capacity, rechargeable Nickel-Metal Hydride (Ni-MH) battery. It is engineered for long-lasting performance and compatibility with various cordless phone models.



Image 1: Kastar HHR-P103 Ni-MH Battery. This image displays the battery with its specifications printed on the label, including "Kastar", "RECHARGEABLE Ni-MH BATTERY", "3.6 V 1000mAh", and "REPLACE WITH Panasonic HHR-P103".

1.2 Compatibility

This battery is compatible with, but not limited to, the following models:

- **Panasonic:** HHR-P103, HHRP103, HHR-P103A, HHRP103A, TYPE 25, KX-GA271W, KX-TD7680, KX-TD7896, KX-TG2352, KX-TG2382, KX-TG2383, KX-TG2720, KX-TGA230, KX-TGA271, KX-TGA272, KX-TGA273 series.
- **Radio Shack:** 23-906, 23-966, 43-9004, 43-9015, 43-9016, 43-9018.
- **AT&T:** EP562, EP5632, EP5902, EP5903, EP5922, EP5962, EP5995, TL76008.
- **V-TECH:** 80-0429-00-00, 80-5808-00-00, 80-5596-00, 80-5654-00, 89-1324-00-00.
- **Other Brands:** SJB4142, 5808, 5858, 5871, 81002, 81003, UNIDEN 5850, MURAPHONE HHRP103, Again & Again STB 103 STB103, Ativa D5702 D5772, Dantona BATT-103, Empire CPH-490, Energizer ER-P507, GE 86413 TL26413 TL96413, Hi Capacity B-784, Lenmar CBO-103.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in fire, electric shock, injury, or damage to the battery or device.

- Do not disassemble, open, crush, bend, deform, puncture, or shred the battery.
- Do not modify or remanufacture the battery, attempt to insert foreign objects into the battery, or immerse or expose it to water or other liquids.
- Do not expose the battery to fire, explosion, or other hazards.
- Only use the battery for the device for which it is specified.
- Avoid dropping the battery or subjecting it to severe impacts.
- Keep the battery out of reach of children.
- If the battery leaks, and you come into contact with the fluid, rinse thoroughly with water and seek medical attention immediately.

3. SPECIFICATIONS

Battery Type	Ni-MH (Nickel-Metal Hydride)
Voltage	3.6V
Capacity	1000mAh
Dimensions (approx.)	2.5 x 0.8 x 1.5 inches
Lifespan	Up to 1200 cycles
Environmental Features	Ni-MH eco-friendly cell, free from Hg/Cd/Pb. DBCK steel shell for explosion protection.

4. INSTALLATION AND SETUP

- Before installing the new battery, ensure your cordless phone is powered off and disconnected from its charging base.
1. **Locate the Battery Compartment:** On most cordless phones, the battery compartment is located on the back of the handset. Refer to your phone's original user manual if you cannot locate it.
 2. **Open the Compartment:** Slide or unclip the battery compartment cover.
 3. **Remove Old Battery:** Carefully disconnect the old battery from its connector. Note the orientation of the connector.
 4. **Insert New Battery:** Connect the Kastar HHR-P103 battery to the phone's battery connector, ensuring the correct polarity. Gently place the battery into the compartment.
 5. **Close Compartment:** Replace the battery compartment cover, ensuring it clicks securely into place.
 6. **Initial Charge:** Place the handset on its charging base. Allow the battery to charge for at least 12-15 hours before its first use, even if the phone indicates a full charge sooner. This "conditioning charge" helps optimize battery performance and lifespan.



Image 2: Kastar HHR-P103 Battery showing its connector. This image highlights the battery's connection point, which needs to be properly aligned with the phone's terminal during installation.

5. OPERATION

Once installed and fully charged, your Kastar HHR-P103 battery operates like the original battery in your cordless phone.

- **Regular Charging:** For optimal performance, return the handset to its charging base when not in use.
- **Discharge Cycle:** Ni-MH batteries benefit from occasional full discharge cycles. Approximately once every few months, allow the phone to fully discharge until it powers off, then recharge it completely. This helps to prevent the "memory effect" and maintain battery capacity.
- **Temperature:** Operate the phone with the battery within normal room temperatures. Extreme temperatures can affect battery performance and lifespan.

6. MAINTENANCE

Proper maintenance can extend the life of your Kastar HHR-P103 battery.

- **Clean Contacts:** Periodically clean the metal contacts on both the battery and the phone with a clean, dry cloth to ensure good connection.
- **Storage:** If storing the battery for an extended period (more than one month), charge it to about 50% capacity and store it in a cool, dry place. Recharge it every 3-6 months to prevent deep discharge.
- **Avoid Overcharging/Over-discharging:** Modern cordless phones typically have circuitry to prevent overcharging. However, consistently leaving a fully discharged battery uncharged for long periods can damage it.

7. TROUBLESHOOTING

If you experience issues with your Kastar HHR-P103 battery, consider the following:

Problem	Possible Cause	Solution
Phone not powering on after battery installation.	Battery not properly connected or not charged.	Ensure battery connector is firmly seated. Place phone on charger for initial 12-15 hour charge.
Short talk time or poor battery life.	Battery not fully conditioned, or nearing end of lifespan.	Perform a full charge/discharge cycle. If battery is old, consider replacement. Ensure phone is always returned to charger when not in use.
Phone not charging.	Dirty contacts, faulty charger, or incorrect placement.	Clean battery and phone contacts. Ensure phone is correctly seated on the charging base. Test with another compatible charger if available.

8. BATTERY DISPOSAL

This Ni-MH battery is an eco-friendly cell and does not contain harmful heavy metals like Mercury (Hg), Cadmium (Cd), or Lead (Pb). However, it should still be recycled properly.

- Do not dispose of the battery in household waste.
- Recycle the battery at an authorized recycling center or return it to the point of purchase.
- Many retailers and local municipalities offer battery recycling programs. Visit Call2Recycle.org for more information on recycling locations.

9. SUPPORT

For further assistance or inquiries regarding your Kastar HHR-P103 battery, please contact Kastar customer support.

Website: [Visit the Kastar Store on Amazon](#)

Please have your product model number (MH-1B-HHRP103-I) and purchase details ready when contacting support.

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