

Kastar BA-1B-AA3.6V-MSM-1

Kastar Replacement Battery Instruction Manual

For Panasonic Cordless Phones (Models P-P501, P-P504, P-P505, P-P508, P-P510)

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Kastar replacement battery, model BA-1B-AA3.6V-MSM-1. This battery is designed to replace original batteries in various Panasonic cordless phone models, including P-P501, P-P504, P-P505, P-P508, and P-P510 series. Please read this manual thoroughly before installation and use.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the battery, your device, or personal injury:

- Do not disassemble, crush, puncture, or short-circuit the battery.
- Do not expose the battery to high temperatures (above 60°C / 140°F) or direct sunlight.
- Do not dispose of the battery in fire or water.
- Keep the battery away from children and pets.
- Use only the charger specified for your cordless phone.
- If the battery leaks, avoid contact with skin and eyes. Rinse immediately with plenty of water and seek medical attention.
- Do not mix old and new batteries, or batteries of different types.

3. PRODUCT OVERVIEW

The Kastar replacement battery is a Ni-MH (Nickel-Metal Hydride) battery designed for reliable performance in compatible Panasonic cordless phones. It provides a stable power source for extended talk and standby times.



Image 3.1: Kastar Ni-MH Replacement Battery. This image shows the overall appearance of the battery pack.

3.1. Key Features

- **Battery Type:** Ni-MH
- **Voltage:** 3.6V
- **Capacity:** 1600mAh
- **Reusability:** Rechargeable

3.2. Compatible Models

This battery is compatible with the following Panasonic cordless phone models and battery types:

- Panasonic P-P501, P-P501A, P-P501PA, HHR-P501, KX-A36, KX-TA38 (TYPE 1)
- Panasonic P-P504, P-P504A, P-P504PA (TYPE 11)
- Panasonic P-P505, HHR-P505, HHR-P505A, HHR-P505A/1B, HHR-P505PA (TYPE 13)
- Panasonic P-P508, P-P508A (TYPE 19)
- Panasonic P-P510, P-P510A (TYPE 21)
- N4HKGMB00001

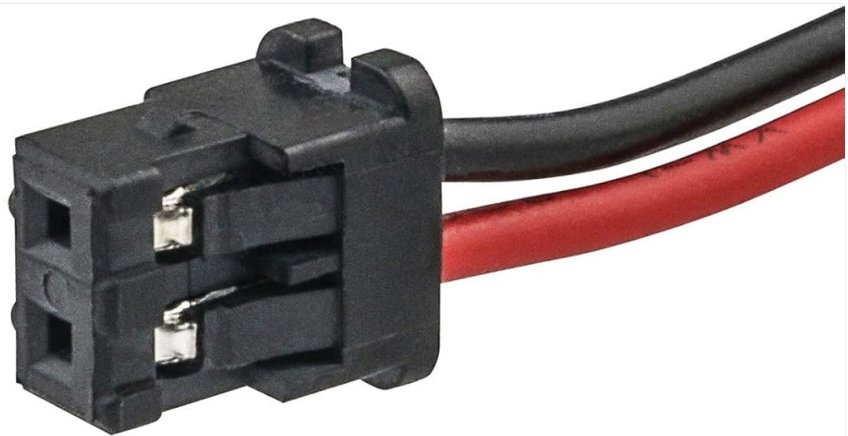
Also compatible with certain Uniden, GE, Cobra, Sharp, Sony, ATT, Casio, and Sprint models that use the

listed Panasonic battery types.

4. SETUP AND INSTALLATION

Follow these steps to install the replacement battery in your cordless phone:

1. **Power Off:** Ensure your cordless phone handset is powered off and disconnected from its charging base.
2. **Remove Battery Cover:** Locate and open the battery compartment cover on the back of your phone handset.
3. **Remove Old Battery:** Carefully disconnect the old battery pack from the phone's connector. Remove the old battery.
4. **Check Connector:** Before inserting the new battery, visually inspect the connector on the new Kastar battery and compare it to the connector inside your phone's battery compartment. Ensure they match.
5. **Observe Polarity:** Pay close attention to the orientation of the red and black wires on the battery connector. Ensure they align correctly with the corresponding terminals in your phone's battery compartment. Incorrect polarity can damage the phone or battery.



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1. Please check your device connector.

2. Please note the location of the Red and Black cable.

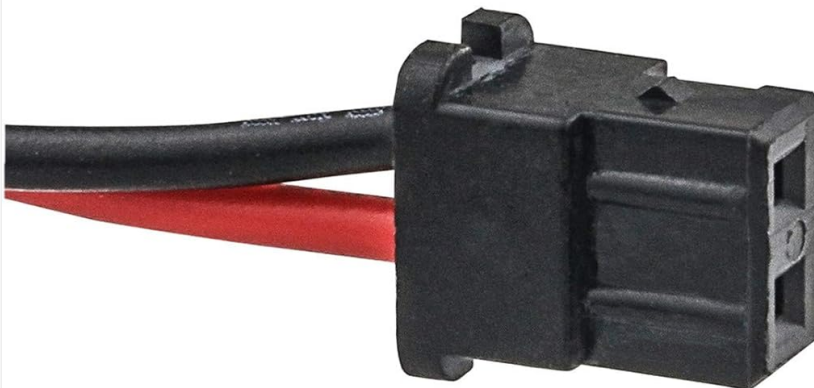


Image 4.1: Battery Connector and Cable Polarity. This image illustrates how to check your device connector and note the location of the red and black cables for correct installation.

6. **Connect New Battery:** Gently plug the new Kastar battery's connector into the phone's battery terminal. Do not force it.
7. **Position Battery:** Place the new battery pack neatly into the battery compartment. Ensure no wires are pinched.
8. **Replace Cover:** Close the battery compartment cover securely.
9. **Initial Charge:** Place the handset on its charging base. For the first use, allow the battery to charge continuously for at least 15-24 hours to ensure a full initial charge and proper battery calibration.

5. OPERATING INSTRUCTIONS

After the initial charge, your phone is ready for normal operation. Place the handset on the charging base when not in use to maintain battery charge. The battery is designed for continuous recharging.

6. MAINTENANCE

- **Regular Charging:** Always return the handset to its charging cradle when not in use to ensure the battery remains charged.
- **Avoid Deep Discharge:** While Ni-MH batteries are less prone to memory effect than Ni-Cd, avoiding complete discharge before recharging can help prolong battery life.
- **Storage:** If storing the battery for an extended period, charge it to about 50% capacity and store it in a cool, dry place. Recharge every 3-6 months to prevent deep discharge.
- **Cleaning:** Keep battery contacts clean using a dry cloth.

7. TROUBLESHOOTING

7.1. Phone Not Powering On or Holding Charge

- **Check Installation:** Ensure the battery is correctly installed and the connector is firmly seated. Refer to Section 4.
- **Initial Charge:** Confirm the battery received its full initial charge (15-24 hours).
- **Charging Base:** Verify the charging base is powered and the handset is properly seated on it. Clean the charging contacts if necessary.
- **Battery Age:** If the battery is very old, its capacity may have diminished.

7.2. Short Talk Time

- **Full Charge:** Ensure the battery is fully charged before use.
- **Battery Conditioning:** Occasionally, fully discharge the battery (until the phone indicates low battery) and then perform a full 15-24 hour recharge. This can help recalibrate the battery's charge indicator.

8. SPECIFICATIONS

Feature	Specification
Model Number	BA-1B-AA3.6V-MSM-1
Battery Type	Ni-MH (Nickel-Metal Hydride)

Feature	Specification
Voltage	3.6 Volts
Capacity	1600 mAh (Milliamp Hours)
Reusability	Rechargeable
Number of Batteries	1 (equivalent to 3 AA cells)
Battery Weight	2.27 Ounces

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact Kastar customer service directly. Details are typically available on the manufacturer's website or through your retailer.

Manufacturer: Kastar

Brand: Kastar

10. PROPER DISPOSAL

This product contains a rechargeable Ni-MH battery. Do not dispose of this battery with household waste. Please follow local regulations for the proper disposal of rechargeable batteries. Many retailers and recycling centers offer collection programs for used batteries.