DURACELL MN21 / A23

Duracell MN21 / A23 12 Volt Alkaline Batteries User Manual

Model: MN21 / A23

1. Introduction

This user manual provides essential information for the safe and effective use of Duracell MN21 / A23 12 Volt Alkaline Alarm Remote Batteries. These batteries are designed to power various small electronic devices requiring a 12V power source.



Figure 1: Duracell MN21 / A23 12 Volt Alkaline Batteries in their retail packaging. The packaging shows two batteries and indicates their 12V alkaline composition, suitable for alarm and remote devices.

2. Safety Information

Please read and understand all safety precautions before handling or installing batteries.

- **Keep out of reach of children:** Batteries can be swallowed, posing a choking hazard and chemical burn risk. Seek immediate medical attention if swallowed.
- **Proper Polarity:** Always insert batteries correctly with the positive (+) and negative (-) terminals aligned as indicated in your device. Incorrect insertion can cause damage.
- **Do Not Recharge:** These are non-rechargeable batteries. Attempting to recharge them can lead to leakage, fire, or explosion.
- **Do Not Disassemble or Modify:** Tampering with batteries can cause internal short circuits, leading to heat, fire, or explosion.
- **Avoid Short Circuits:** Do not short-circuit battery terminals. This can cause excessive heat and damage.
- **Proper Disposal:** Dispose of used batteries according to local regulations. Do not dispose of in fire, as they may explode.
- **Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.

3. Setup and Installation

These batteries are commonly used in devices such as keyless vehicle entry systems, home security sensors, garage door openers, and Bluetooth headsets.

1. **Identify Battery Compartment:** Locate the battery compartment on your electronic device. Refer to your device's user manual for specific instructions.
2. **Remove Old Batteries:** Carefully remove any old or depleted batteries from the compartment.
3. **Insert New Batteries:** Insert the new Duracell MN21 / A23 batteries, ensuring the positive (+) and negative (-) ends align correctly with the markings inside the compartment.
4. **Close Compartment:** Securely close the battery compartment.
5. **Test Device:** Test your device to ensure it is functioning correctly with the new batteries.

4. Operating Instructions

Once properly installed, the Duracell MN21 / A23 batteries will provide reliable power to your compatible electronic devices. The battery's function is to supply the necessary 12 volts to operate the device's internal circuits.

- Ensure the device is turned off before battery installation to prevent accidental activation or damage.
- The lifespan of the battery will vary depending on the device's power consumption and frequency of use.
- If the device's performance degrades (e.g., reduced range for remotes, dimming indicators), it may be time to replace the batteries.

5. Maintenance

Proper maintenance ensures optimal performance and longevity of your batteries.

- **Regular Inspection:** Periodically check the battery compartment for any signs of corrosion or leakage. If found, clean the compartment thoroughly before inserting new batteries.
- **Storage:** Store unused batteries in their original packaging in a cool, dry place at room temperature. Avoid storing them with metal objects that could cause a short circuit.

- **Replacement:** Replace all batteries in a device at the same time. Do not mix old and new batteries, or different battery types, as this can reduce performance and lead to leakage.
- **Disposal:** Always dispose of used batteries responsibly according to local environmental guidelines. Many communities offer battery recycling programs.

6. Troubleshooting

If your device is not functioning after battery installation, consider the following:

- **Check Polarity:** Ensure batteries are inserted with the correct positive (+) and negative (-) orientation.
- **Verify Contact:** Make sure the battery terminals are clean and making good contact with the device's contacts. Gently clean contacts with a dry cloth if necessary.
- **Battery Condition:** Confirm that the batteries are new and not expired.
- **Device Malfunction:** If the issue persists, the problem may lie with the device itself, not the batteries. Consult your device's user manual or manufacturer for further troubleshooting.

7. Specifications

Feature	Detail
Model Number	MN21 / A23
Battery Type	Alkaline
Voltage	12 Volt
Unit Count	2 Count (per pack)
Product Dimensions	Approximately 1.77 x 0.39 x 3.54 inches (4.5 x 1 x 9 cm)
Item Weight	Approximately 0.63 ounces (17.8 grams)
Manufacturer	Duracell
UPC	762022254457
Cross Reference	1181A, 23, 23A, 23AE, 23GA, 8LR23, 8LR932, A23, A23BP, E23A, GP23, GP23A, GP-23A, K23A, L1028, LR23A, LRV08, MN21, MS21, R23A, V23, V23GA, VR22
Recommended Uses	Keychain radio devices, keyless vehicle entry systems, home security systems, garage door openers, Bluetooth headsets.

8. Warranty and Support

Duracell batteries are manufactured to high-quality standards. For information regarding product warranty, returns, or technical support, please refer to the official Duracell website or contact their customer service directly. Ensure you purchase genuine Duracell products for optimal performance and safety.
You can visit the official Duracell store for more information:DURACELL Store

© 2024 Duracell. All rights reserved. Information subject to change without notice.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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.

Submit question