

Maxell CR2032

Maxell CR2032 Micro Lithium Cell Instruction Manual

INTRODUCTION

This instruction manual provides essential information for the safe and effective use of the Maxell CR2032 3V Micro Lithium Cell. Please read this manual thoroughly before using the product and retain it for future reference.

PRODUCT OVERVIEW

The Maxell CR2032 is a 3-volt lithium coin cell battery designed for various small electronic devices. Its compact size and stable voltage output make it suitable for applications such as calculators, watches, key fobs, medical devices, and other portable electronics.



This image displays two views of the Maxell CR2032 3V Lithium Coin Cell. The top view shows the positive (+) side with 'maxell CR2032 H 3V Hitachi Maxell, Ltd. Japan' embossed. The bottom view shows the plain metallic negative (-) side.

SPECIFICATIONS

Feature	Detail
Brand	Maxell
Model Number	CR2032
Battery Type	Lithium Coin Cell
Voltage	3V
Battery Cell Composition	Lithium Manganese Dioxide
Battery Capacity	220 Milliamp Hours
Product Dimensions	0.78 x 0.78 x 0.12 inches (20mm diameter, 3.2mm thickness)
Item Weight	0.106 ounces

Feature	Detail
Recommended Uses	Calculators, watches, key fobs, cameras, small electronics

SETUP AND INSTALLATION

- Identify Battery Compartment:** Locate the battery compartment on your electronic device. Refer to your device's instruction manual for specific guidance.
- Open Compartment:** Carefully open the battery compartment. This may require a small screwdriver or a specific tool, depending on the device.
- Remove Old Battery (if applicable):** If replacing an old battery, remove it and dispose of it properly according to local regulations.
- Insert New Battery:** Insert the Maxell CR2032 battery into the compartment, ensuring the positive (+) side aligns with the positive terminal in the device and the negative (-) side aligns with the negative terminal. Incorrect polarity can damage the device or battery.
- Close Compartment:** Securely close the battery compartment.
- Test Device:** Power on your device to confirm proper installation and functionality.

Note: Always handle batteries with clean, dry hands. Avoid touching the battery terminals with bare fingers to prevent corrosion or short-circuiting.

OPERATING INSTRUCTIONS

The Maxell CR2032 battery functions as a power source for compatible electronic devices. Once correctly installed, the device should operate as intended. No specific operating procedures are required for the battery itself beyond proper installation.

- Ensure the battery is fully seated in its compartment.
- If the device does not power on, re-check the battery orientation and ensure the battery compartment is closed securely.
- Replace the battery when the device indicates low power or ceases to function.

MAINTENANCE

- **Storage:** Store unused batteries in their original packaging in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid storing batteries loosely or with metal objects to prevent short circuits.
- **Cleaning:** If battery contacts in a device appear dirty, gently clean them with a cotton swab moistened with rubbing alcohol. Ensure contacts are dry before inserting a new battery.
- **Disposal:** Dispose of used batteries responsibly according to local regulations. Many communities have recycling programs for batteries. Do not dispose of batteries in household trash or by incineration.

SAFETY INFORMATION

WARNING: Keep batteries out of reach of children. Swallowing a coin cell battery can cause severe internal burns in as little as 2 hours, leading to serious injury or death.

- **Ingestion Hazard:** If a battery is swallowed, seek immediate medical attention.
- **Short Circuit:** Do not short-circuit the battery terminals. This can cause heat generation, leakage, or explosion.
- **Heat Exposure:** Do not expose batteries to excessive heat, fire, or direct sunlight. This can lead to explosion or leakage.

- **Disassembly:** Do not attempt to disassemble, recharge, or modify the battery.
- **Water Contact:** Do not allow batteries to come into contact with water or other liquids.
- **Mixing Batteries:** Do not mix new and used batteries, or batteries of different types or brands.
- **Leakage:** If battery leakage occurs, avoid contact with skin and eyes. If contact occurs, rinse immediately with plenty of water and seek medical advice.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not powering on	Incorrect battery orientation, depleted battery, poor contact, device malfunction.	Check battery polarity (+/-). Replace with a new battery. Clean battery contacts. Consult device manual.
Short battery life	Battery nearing end of life, high power consumption by device, extreme temperatures.	Replace battery. Reduce device usage if possible. Operate device within recommended temperature ranges.
Battery appears swollen or leaking	Overheating, damage, manufacturing defect.	Immediately remove battery (with gloves if leaking) and dispose of safely. Do not use.

WARRANTY AND SUPPORT

For warranty information or product support regarding your Maxell CR2032 battery, please refer to the packaging or contact Maxell customer service directly. Keep your purchase receipt as proof of purchase.

You can find more information on the official Maxell website: www.maxell.com