

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Panasonic](#) /

› [Panasonic CR2450 3V Lithium Coin Cell Battery User Manual](#)

Panasonic CR2450

Panasonic CR2450 3V Lithium Coin Cell Battery User Manual

Model: CR2450

1. INTRODUCTION

This manual provides essential information for the safe and effective use of Panasonic CR2450 3V Lithium Coin Cell Batteries. The CR2450 is a high-capacity lithium button cell designed for various electronic devices requiring a reliable 3-volt power source.



Image 1.1: A blister pack containing five Panasonic CR2450 3V Lithium Coin Cell Batteries.

Key features of these batteries include:

- High Energy & Continuous Voltage Supply
- Long Shelf Life
- Ideal Temperature Resistance
- Superior Storage Capacity

2. SAFETY INFORMATION

Please read and follow these safety instructions carefully to prevent injury or damage.

- **Keep out of reach of children:** Coin cell batteries can be swallowed and cause severe internal burns in as little as 2 hours, leading to death. Seek immediate medical attention if ingestion is suspected.
- **Do not recharge:** These batteries are not rechargeable. Attempting to recharge them may cause leakage, fire, or explosion.
- **Do not disassemble or modify:** Disassembling or modifying the battery can lead to leakage, overheating, fire, or explosion.

- **Do not expose to heat or fire:** High temperatures can cause batteries to leak, rupture, or explode.
- **Do not short-circuit:** Short-circuiting the battery terminals can cause overheating and damage.
- **Observe correct polarity:** Always insert batteries with the correct positive (+) and negative (-) orientation as indicated in your device.
- **Store properly:** Store unused batteries in their original packaging in a cool, dry place, away from metal objects that could cause a short circuit.
- **Dispose of properly:** Follow local regulations for battery disposal. Do not dispose of in household waste.

3. PRODUCT SPECIFICATIONS

Model Number	CR2450 (Internal Model: VI-3TF2-SK9B)
Brand	Panasonic
Battery Type	Lithium Primary Coin Cell
Voltage	3V
Capacity	620 mAh
Battery Cell Composition	Lithium Manganese Dioxide
Product Dimensions	2.5 x 0.2 x 8.5 inches (packaging)
Item Weight	1.06 ounces (packaging)
Recommended Uses	Car security (key fobs), organizers (PDA backup), glucometers, cameras, electric thermometers, calculators, computer equipment (memory backup), toys, communication equipment, electronic watches/clocks, card radios, data packs for video cameras.

4. SETUP AND INSTALLATION

The Panasonic CR2450 battery is designed for easy installation in compatible devices. Always refer to your device's specific instruction manual for detailed battery replacement procedures.

1. **Identify Battery Compartment:** Locate the battery compartment on your electronic device. This is often secured with a small screw or a latch.
2. **Open Compartment:** Use the appropriate tool (e.g., a small screwdriver) to open the battery compartment.
3. **Remove Old Battery (if applicable):** Carefully remove the old battery, noting its orientation (which side is facing up).
4. **Insert New Battery:** Insert the new Panasonic CR2450 battery, ensuring the positive (+) side faces the correct direction as indicated by the device's markings. The positive side is typically marked with a plus sign and the battery model number.
5. **Close Compartment:** Securely close the battery compartment.
6. **Test Device:** Power on your device to confirm proper battery installation and functionality.

Important: Always ensure correct polarity. Incorrect insertion can damage the device or the battery.

5. OPERATING INSTRUCTIONS

Once installed, the Panasonic CR2450 battery provides a stable 3V power supply to your device. These batteries are designed for long-term, reliable performance in compatible electronics.

- The battery will begin powering your device immediately upon correct installation.
- Monitor your device's performance. A decrease in functionality (e.g., dim display, slow response) may indicate a low battery.
- The CR2450 offers a long shelf life, meaning it retains its charge well when stored correctly before use.

6. MAINTENANCE

Proper maintenance ensures the longevity and safety of your Panasonic CR2450 batteries.

- **Storage:** Store unused batteries in their original, sealed packaging in a cool, dry place at room temperature. Avoid extreme temperatures and direct sunlight.
- **Handling:** Avoid touching the battery terminals with bare hands, as oils and dirt can affect conductivity.
- **Inspection:** Periodically check batteries for any signs of leakage, corrosion, or swelling. Discard any damaged batteries immediately.
- **Expiration:** Note the expiration date on the packaging. While these batteries have a long shelf life, performance may degrade past this date.

7. TROUBLESHOOTING

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

- **Incorrect Polarity:** Double-check that the battery is inserted with the correct positive (+) and negative (-) orientation.
- **Poor Contact:** Ensure the battery is seated firmly in the compartment and that the device's contacts are clean and free of corrosion. Gently clean contacts with a dry cotton swab if necessary.
- **Depleted Battery:** Although new, a battery might be depleted if stored improperly or past its expiration date. Try a different new battery.
- **Device Malfunction:** If the battery is correctly installed and new, the issue might be with the device itself. Refer to your device's manual for further troubleshooting.

8. DISPOSAL INFORMATION

Lithium batteries, including the CR2450, should not be disposed of with regular household waste. Proper disposal is crucial for environmental protection and safety.

- **Recycling Centers:** Take used batteries to designated battery recycling centers. Many electronics stores and municipal waste facilities offer battery recycling programs.
- **Insulate Terminals:** Before recycling, it is recommended to cover the positive (+) and negative (-) terminals of the used battery with electrical tape to prevent short circuits.
- **Local Regulations:** Always check with your local waste management authority for specific disposal guidelines in your area.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or further inquiries regarding Panasonic products, please refer to the official Panasonic website or contact their customer service directly.

You can visit the official Panasonic store for more information: [Panasonic Store](#)