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Maxell SR512SW Silver Oxide Watch Battery User Manual

Model: 4330210976

1. INTRODUCTION

This manual provides essential information for the safe and effective use of Maxell SR512SW Silver Oxide Watch Batteries. These batteries are designed for reliable power in various small electronic devices, primarily watches. Maxell is a pioneer in button-type silver oxide battery technology, ensuring high quality and performance. These batteries are mercury-free, reflecting Maxell's commitment to environmental responsibility.

2. PRODUCT OVERVIEW



Figure 1: A pack of five Maxell SR512SW Silver Oxide Watch Batteries in their original blister packaging. Each battery is individually sealed and labeled with the Maxell brand and SR512SW model number, indicating a 1.55V output.

The Maxell SR512SW is a silver oxide button cell battery, known for its stable discharge characteristics and high energy density. It is specifically engineered for devices requiring a consistent and long-lasting power supply.

- **Model:** SR512SW (Equivalent to 335, V335)
- **Chemistry:** Silver Oxide
- **Nominal Voltage:** 1.55V
- **Mercury Content:** 0% Mercury
- **Features:** Lightweight, high-energy density, stable discharge, leakage resistance design.

- **Packaging:** Original Hologram Blister Package (typically 5 batteries per pack).

3. SETUP AND INSTALLATION

Proper installation is crucial for optimal battery performance and device longevity. Always refer to your device's specific instruction manual for battery replacement procedures.

1. **Preparation:** Ensure your workspace is clean, dry, and well-lit. Use non-conductive tools (e.g., plastic tweezers) if possible, to avoid short-circuiting the battery or damaging the device.
2. **Locate Battery Compartment:** Identify the battery compartment on your device. This is typically on the back or side, secured by screws or a snap-on cover.
3. **Remove Old Battery:** Carefully open the compartment and remove the old battery. Note its orientation (positive (+) and negative (-) terminals).
4. **Clean Contacts:** Gently clean the battery contacts in the device with a dry, soft cloth or cotton swab to ensure good electrical connection.
5. **Insert New Battery:** Insert the new Maxell SR512SW battery, ensuring the positive (+) side faces the correct direction as indicated by the device's markings. Avoid touching the battery terminals with bare hands, as oils can affect conductivity.
6. **Secure Compartment:** Close and secure the battery compartment.
7. **Test Device:** Power on your device to confirm proper battery installation and functionality.

Caution: Keep batteries out of reach of children. If swallowed, seek immediate medical attention. Do not recharge, disassemble, heat, or dispose of in fire.

4. OPERATING GUIDELINES

Maxell SR512SW batteries are designed for continuous operation in compatible devices. No specific operational steps are required beyond proper installation.

- **Intended Use:** Primarily used as a power source for quartz watches, but also suitable for certain medical devices, calculators, keyless remote entry systems, and other small electronics requiring this battery type.
- **Voltage Stability:** The silver oxide chemistry provides a very stable voltage output throughout the battery's lifespan, which is ideal for precision devices like watches.

5. MAINTENANCE AND STORAGE

Proper maintenance and storage extend battery life and ensure safety.

- **Storage:** Store unused batteries in their original packaging in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid storing with metal objects that could cause a short circuit.
- **Handling:** Handle batteries by their edges to minimize contact with the terminals.
- **Disposal:** Dispose of used batteries according to local regulations. Many communities have recycling programs for button cell batteries. Do not dispose of in household waste.
- **Leakage:** While designed with leakage resistance, if a battery shows signs of leakage, handle it with gloves and dispose of it properly. Clean any residue from the device immediately.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Device does not power on.	Incorrect battery orientation.	Re-insert battery, ensuring correct positive (+) and negative (-) alignment.
Device powers on intermittently.	Poor contact with battery terminals.	Clean battery contacts in the device and on the battery with a dry cloth. Ensure battery is seated firmly.
Short battery life.	Battery stored improperly or device has high power consumption.	Ensure proper storage. If the issue persists, the device may be consuming more power than expected, or the battery may be nearing its end of life.
Battery appears damaged or leaking.	Physical damage or extreme conditions.	Immediately remove the battery using gloves and dispose of it safely. Do not use a damaged battery.

7. SPECIFICATIONS

Attribute	Value
Brand	Maxell
Model Number	SR512SW (4330210976)
Battery Cell Composition	Silver Oxide
Nominal Voltage	1.55V
Mercury Content	0%
Recommended Uses	Watches, medical devices, keyless remote entry systems
Unit Count	5 batteries per pack (as typically sold)

8. WARRANTY AND SUPPORT

Maxell batteries are manufactured to high quality standards. For specific warranty information or technical support, please refer to the official Maxell website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Maxell Official Website: www.maxell.com (Note: This is a generic link, please refer to product packaging for specific regional support details.)



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This manual is for informational purposes only. Maxell reserves the right to make changes to product specifications without prior notice.

Related Documents - 4330210976

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