

Retevis RT27 RT27V

Retevis RT27 RT27V Two-Way Radio Battery Instruction Manual

Model: RT27, RT27V Battery

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Retevis RT27 RT27V Li-ion replacement battery. This battery is specifically designed for use with Retevis RT27 and RT27V two-way radios.

2. SAFETY INFORMATION

Please read and understand all safety warnings before using the battery. Failure to follow these instructions can result in fire, electric shock, or injury.

- **DO NOT DISASSEMBLE:** Do not attempt to open or disassemble the battery pack.
- **DO NOT DISPOSE OF IN FIRE:** Exposure to high temperatures or fire can cause the battery to explode.
- **DO NOT CHANGE OR CHARGE BATTERY IN HAZARDOUS LOCATION:** Only charge the battery in a safe, non-hazardous environment.
- **DO NOT SHORT-CIRCUIT THE TERMINALS:** Avoid contact between the battery terminals and metal objects.
- **USE SPECIFIED CHARGER TO CHARGE BATTERY PACK:** Always use the charger specifically designed for Retevis RT27/RT27V batteries. Using an incompatible charger may damage the battery or cause a safety hazard.
- Keep the battery away from water and moisture.
- Store the battery in a cool, dry place when not in use.



Image: Retevis RT27 RT27V Li-ion battery showing its label with specifications and important safety warnings.

3. PACKAGE CONTENTS

The package includes:

- 1 x Retevis RT27 RT27V Two-Way Radio Battery

4. SPECIFICATIONS

Feature	Specification
Model Number	FJ9133B
Compatible Models	Retevis RT27, Retevis RT27V
Battery Type	Li-ion (Lithium Ion)
Voltage	3.7V
Capacity	1100mAh

Feature	Specification
Color	Black
Weight	90 Grams
Dimensions (L x W x H)	4.33 x 2.56 x 0.98 inches
Reusability	Rechargeable

5. SETUP

To install the battery into your Retevis RT27 or RT27V two-way radio:

1. Ensure the radio is powered off.
2. Locate the battery compartment on the back of your radio.
3. Align the battery with the compartment, ensuring the metal contacts on the battery match the contacts in the radio.
4. Gently push the battery into place until it clicks securely.
5. Close the battery compartment cover, if applicable, to secure the battery.



Image: The battery's contact points, which must align with the radio's terminals.

6. OPERATING INSTRUCTIONS

This battery is designed to provide power to your Retevis RT27 or RT27V two-way radio. Follow these guidelines for optimal performance:

1. **Charging:** Before first use, fully charge the battery using the specified Retevis charger. Connect the charger to a power source and place the radio with the installed battery into the charging cradle. The charging indicator on the charger will typically show the charging status.

2. **Usage:** Once fully charged, the battery provides power for your radio's operation. The 1100mAh capacity is designed for extended daily use.
3. **Battery Level:** Refer to your radio's display or indicators to monitor the battery level. Recharge the battery when the level is low to avoid interruption during communication.

7. MAINTENANCE

Proper maintenance extends the life of your battery:

- **Regular Charging:** Recharge the battery regularly, even if not fully depleted, to maintain its health. Avoid leaving the battery completely discharged for extended periods.
- **Storage:** If storing the battery for a long time, charge it to about 50% capacity and store it in a cool, dry place. Avoid extreme temperatures.
- **Cleaning:** Keep the battery contacts clean. Use a dry, soft cloth to wipe off any dust or debris.
- **Disposal:** Dispose of old or damaged batteries responsibly according to local regulations. Do not throw them in household waste.

8. TROUBLESHOOTING

If you encounter issues with your battery, consider the following:

- **Battery not charging:**
 - Ensure the charger is properly connected to a power source.
 - Verify the battery is correctly seated in the charging cradle.
 - Check for any damage to the charger or battery contacts.
- **Short operating time:**
 - The battery may not be fully charged. Ensure it charges completely.
 - Battery capacity naturally degrades over time with repeated charge cycles. Consider replacing an old battery.
- **Radio not powering on:**
 - Ensure the battery is fully charged and correctly installed.
 - Check if the battery contacts are clean and free of obstruction.

If problems persist, contact Retevis customer support.

9. WARRANTY AND SUPPORT

Retevis provides a **1-year warranty** for accessories, including this battery. Additionally, a **30-day no-reason return policy** is offered.

Beyond the warranty period, maintenance services are available, with buyers responsible for associated costs.

For any inquiries or support, please contact Retevis customer service on Amazon. You can expect a reply within 12 hours.

