

Empire 3.6V 700mAh Ni-Cd (Compatible with Motorola Talkabout T5320, T5400, T5420, T5800, T5820)

Empire Replacement Battery User Manual

For Motorola Talkabout Radios (T5320, T5400, T5420, T5800, T5820)

Model: 3.6V 700mAh Ni-Cd

INTRODUCTION

This manual provides essential information for the safe and effective use of your Empire replacement battery. This 3.6V 700mAh Nickel-Cadmium (Ni-Cd) battery is designed as a direct replacement for compatible Motorola Talkabout two-way radios, including models T5320, T5400, T5420, T5800, and T5820. Please read these instructions thoroughly before initial use.

SETUP

1. Initial Charging

Before first use, fully charge the battery for at least 12-16 hours. This initial charge is crucial for optimizing battery performance and longevity. Use only the original Motorola charger or a compatible charger designed for Ni-Cd batteries.

2. Battery Installation

1. Ensure the radio is powered off before installing or removing the battery.
2. Locate the battery compartment on the back of your Motorola Talkabout radio.
3. Open the battery compartment cover.
4. Align the battery contacts with the terminals inside the compartment.
5. Gently push the battery into place until it clicks securely.
6. Replace the battery compartment cover, ensuring it is latched properly to maintain water resistance (if applicable to your radio model).



This image displays the Empire replacement battery. Note its compact design and connector terminals, which are designed to fit compatible Motorola Talkabout two-way radios.

OPERATING INSTRUCTIONS

1. Charging Procedures

- Connect your radio with the installed battery to its compatible charger.
- Observe the charging indicator light on your radio or charger. Refer to your radio's specific manual for indicator light behavior.
- For optimal battery life, avoid frequent partial charges. It is recommended to fully discharge the battery before recharging, especially for Ni-Cd batteries, to prevent the 'memory effect'.

2. Usage Guidelines

- Operate your radio within the manufacturer's specified temperature range. Extreme temperatures can reduce battery performance and lifespan.
- Avoid dropping the radio or subjecting the battery to severe impacts.
- Do not short-circuit the battery terminals.

MAINTENANCE

1. Battery Care

- Keep battery contacts clean. Use a dry, soft cloth to wipe away any dirt or corrosion.
- Regularly cycle the battery (full discharge then full charge) to maintain its capacity and prevent memory effect, which is common with Ni-Cd batteries.

2. Storage

- If storing the battery for an extended period, ensure it is fully discharged.

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Remove the battery from the radio if it will not be used for several weeks or months.

3. Disposal

Ni-Cd batteries contain cadmium, a toxic heavy metal. Do not dispose of this battery in household waste. Please recycle it at an authorized battery recycling center. Consult your local waste management authority for recycling options.

TROUBLESHOOTING

- **Battery Not Charging:** Ensure the battery is correctly seated in the radio and the charger. Verify the charger is plugged into a working power outlet. Check for any visible damage to the battery or charger contacts.
- **Short Operating Time:** If the battery's operating time is significantly reduced, it may indicate the battery needs to be reconditioned (fully discharged and recharged) or is nearing the end of its lifespan. Ensure proper charging cycles are followed.
- **Radio Not Powering On:** Confirm the battery is fully charged and properly installed. If the issue persists, try using a different known-good battery if available, or consult your radio's manual for further troubleshooting.

SPECIFICATIONS

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| Battery Type | Nickel-Cadmium (Ni-Cd) |
| Voltage | 3.6 Volts |
| Capacity | 700 Milliampere Hour (mAh) |
| Compatible Models | Motorola Talkabout T5320, T5400, T5420, T5800, T5820 |
| Item Weight | 2.4 ounces (approx.) |

WARRANTY AND SUPPORT

This Empire replacement battery is typically covered by a manufacturer's limited warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims. For specific warranty details or technical support, refer to the documentation provided with your purchase or contact the retailer where the battery was acquired.

For further assistance, please contact your product supplier.