

CS BATTERY FUB10AA, FUB10XL, FUB78AA, BA213020, BA214061, BA210

Instruction Manual: CS BATTERY Replacement Battery

For HBC Radiomatic Spectrum 2, Spectrum 3, and compatible models.

1. PRODUCT OVERVIEW

This manual provides essential information for the safe and effective use of your CS BATTERY Replacement Battery. Designed as a high-quality replacement for various HBC Radiomatic Spectrum models, this NiMH rechargeable battery pack ensures reliable power for your wireless devices.



Figure 1.1: Main view of the CS BATTERY Replacement Battery. This image shows the overall form factor and the red casing of the battery pack.

Key features include ROHS, CE, and UL triple certification, ensuring safety and quality. It is designed with protection against over-charge, over-discharge, over-heat, over-current, and short-circuit. The battery has a capacity of 2000 mAh and operates at 6.0V.



Figure 1.2: Top view of the battery showing the product label. The label indicates the part number BA213020, Ni-MH Rechargeable Battery Pack, DC 6.0V 12.00Wh, and 2000 mAh capacity, along with safety warnings and certifications.

2. SPECIFICATIONS

Attribute	Detail
Brand	CS BATTERY
Battery Cell Composition	NiMH
Battery Capacity	2000 Milliampere Hour (mAh)
Voltage	6.0V
Compatible Models	HBC Radiomatic Spectrum 2, Spectrum 3, FUB10AA, FUB10XL, FUB78AA, BA213020, BA214061, BA210
Quality Certification	ROSH, CE, UL
Item Weight	1.01 pounds
Package Dimensions	6.61 x 3.58 x 1.42 inches
Recommended Uses	Radio (Wireless Devices)

3. SETUP AND INSTALLATION

Before installing the new battery, ensure your device is powered off and disconnected from any power source. Refer

to your device's original instruction manual for specific battery compartment access and removal procedures.

1. **Power Off Device:** Completely power down the HBC Radiomatic Spectrum device.
2. **Locate Battery Compartment:** Identify and open the battery compartment on your device. This typically involves unlatching a cover or removing screws.
3. **Remove Old Battery:** Carefully disconnect and remove the old battery pack. Dispose of old batteries according to local regulations.
4. **Insert New Battery:** Align the CS BATTERY Replacement Battery with the connectors in the compartment. Gently push it into place until it is securely seated. Ensure the battery is oriented correctly.
5. **Close Compartment:** Securely close the battery compartment cover.
6. **Initial Charge:** It is recommended to fully charge the new battery before its first use. Refer to the 'Operating Instructions' section for charging details.

4. OPERATING INSTRUCTIONS

This battery is designed for rechargeable use. Proper charging and discharge practices will maximize its lifespan and performance.

4.1. Charging the Battery

- Use only the charger specifically designed for your HBC Radiomatic Spectrum device or a compatible NiMH battery charger.
- Connect the device (with the battery installed) or the battery itself to the charger.
- Allow the battery to charge fully. Charging times may vary depending on the charger and the battery's initial charge level.
- Avoid overcharging for extended periods once the battery is full, although the battery has over-charge protection.

4.2. Battery Usage

- The battery is ready for use once fully charged.
- If your wireless device's cruising time is significantly reduced, it indicates that the battery needs to be recharged or may be nearing the end of its service life.
- Avoid completely draining the battery frequently, as this can reduce its overall lifespan.

5. MAINTENANCE AND STORAGE

Proper care and storage will extend the life of your battery.

- **Temperature:** Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures. Ideal storage temperature is between 40°F and 105°F (4°C and 40°C).
- **Cleaning:** Keep the battery contacts clean. Use a dry cloth to wipe away any dust or debris.
- **Long-Term Storage:** If storing the battery for an extended period, charge it to about 50-70% capacity. Recharge it every 3-6 months to prevent deep discharge.
- **Safety:** Do not disassemble, short-circuit terminals, or dispose of in fire. Risk of fire and burns.

6. TROUBLESHOOTING

Refer to the table below for common issues and their potential solutions.

Problem	Possible Cause	Solution
Battery not charging	Incorrectly seated battery Faulty charger Dirty battery contacts	Re-seat the battery firmly Test charger with another device or use a different charger Clean battery contacts with a dry cloth
Short operating time after full charge	Battery not fully charged Battery nearing end of life High power consumption by device	Ensure battery is fully charged Consider replacing the battery Reduce device usage that consumes high power
Device does not power on	Battery not installed Battery completely discharged Device malfunction	Install the battery correctly Charge the battery Consult your device's manual or manufacturer

7. WARRANTY INFORMATION

This CS BATTERY product is manufactured to high-quality standards. While specific warranty details may vary by retailer or region, general return policies typically allow for returns within 30 days of purchase for refund or replacement if the product is defective.

For extended protection, third-party protection plans may be available at the time of purchase. Please refer to your purchase receipt or the product listing for details on any applicable protection plans or manufacturer's warranty.

8. SUPPORT

For further assistance or inquiries regarding your CS BATTERY Replacement Battery, please contact the seller or manufacturer directly. When contacting support, please have your product model number (FUB10AA, FUB10XL, FUB78AA, BA213020, BA214061, BA210) and purchase information readily available.

Manufacturer: cs battery