

BORNMIO CS-ALK006BL

BORNMIO Replacement Battery User Manual

Model: CS-ALK006BL

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1. PRODUCT OVERVIEW

This manual provides essential information for the safe and effective use of your BORNMIO replacement battery, model CS-ALK006BL. This battery is designed as a direct replacement for specific Autec and Modular remote control systems, ensuring reliable performance.



Figure 1: Top view of the BORNMIO replacement battery, highlighting its labels and connection points.

2. COMPATIBILITY

The BORNMIO CS-ALK006BL replacement battery is compatible with the following models:

- Autec E16 KTC
- Autec E16 Sirio 42
- Funkfernsteuerung Modular MJ
- Funkfernsteuerung Modular MK
- Modular MJ
- Modular MJ DF
- Modular MJ04
- Modular MK

- Modular MK plus
- Plus MK

It is also a compatible replacement for battery part number **MBM06MH**.

3. SPECIFICATIONS

Battery Type	Ni-MH (Nickel-Metal Hydride)
Capacity	700 mAh
Voltage	7.2 V
Energy (Wh)	5.04 Wh
Dimensions (L x W x H)	77.2 x 52.4 x 15.4 mm (approx. 3.04 x 2.06 x 0.61 inches)
Weight	199.0 g (approx. 7 ounces)
Certifications	ISO9001, RoHS, CE, UN38.3, MSDS



Figure 2: Bottom view of the battery, illustrating the connection ports for proper installation.

4. SAFETY INFORMATION

Please read and follow these safety guidelines to prevent damage to the battery, device, or personal injury:

- Do not disassemble, crush, puncture, or short-circuit the battery.
- Do not expose the battery to high temperatures (above 60°C / 140°F) or direct sunlight.
- Do not immerse the battery in water or other liquids.
- Keep the battery away from children and pets.
- Use only chargers specified for Ni-MH batteries.
- Dispose of used batteries according to local regulations. Do not dispose of in household waste.
- If the battery shows signs of damage, swelling, or leakage, discontinue use immediately.

5. SETUP AND INSTALLATION

Follow these general steps to install the replacement battery. Refer to your device's original manual for specific instructions on opening the battery compartment.

1. **Power Off Device:** Ensure the remote control or device is completely powered off before beginning.
2. **Locate Battery Compartment:** Identify and open the battery compartment on your device. This may require a small screwdriver.
3. **Remove Old Battery:** Carefully disconnect and remove the old battery. Note its orientation.
4. **Insert New Battery:** Insert the BORNMIIO replacement battery into the compartment, ensuring the

connectors align correctly. Do not force the battery.

5. **Secure Compartment:** Close and secure the battery compartment.

6. **Initial Charge:** It is recommended to fully charge the new battery before its first use.



Figure 3: Angled view of the battery, illustrating its compact form factor for easy installation.

6. OPERATING INSTRUCTIONS

Once installed and fully charged, the battery operates automatically with your compatible device. For optimal performance:

- **Charging:** Use the original charger or a compatible Ni-MH charger provided with your device. Avoid overcharging by disconnecting the charger once the battery is full, if your device does not have automatic charge termination.
- **Discharging:** For Ni-MH batteries, it is beneficial to occasionally allow the battery to fully discharge before recharging to help prevent the 'memory effect'.
- **Temperature:** Operate the device and battery within the recommended temperature range specified by your device manufacturer.

7. MAINTENANCE

Proper maintenance can extend the life of your battery:

- **Storage:** If storing the battery for an extended period, store it in a cool, dry place at approximately 50% charge. Avoid extreme temperatures.
- **Cleaning:** Keep battery contacts clean and free from dirt or corrosion. Use a dry cloth to wipe them if necessary.
- **Regular Use:** Regular use and occasional full discharge/recharge cycles are beneficial for Ni-MH battery health.

8. TROUBLESHOOTING

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

- **Battery Not Charging:**
 - Ensure the charger is properly connected and functioning.
 - Check battery contacts for dirt or corrosion.
 - Verify the charger is compatible with Ni-MH batteries.
- **Short Operating Time:**
 - The battery may not be fully charged.
 - The battery may be nearing the end of its lifespan.
 - Ensure the device is not consuming excessive power.

- **Device Not Powering On:**

- Confirm the battery is correctly installed and fully charged.
- Check if the device itself has an issue (try with another known-good battery if possible).

If problems persist, contact customer support.

9. WARRANTY AND SUPPORT

BORNMIO products undergo strict quality inspection and are certified with ISO9001, RoHS, CE, UN38.3, and MSDS. If you have any questions or require assistance, please contact BORNMIO customer service. We offer full refund or a free replacement without any reason for quality issues.