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> STARTONG 1050mAh 3.7V Replacement Battery User Manual

STARTONG USN-523450PC

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Model: USN-523450PC

INTRODUCTION

This user manual provides essential information for the safe and effective use of your STARTONG 1050mAh 3.7V Replacement Li-ion Polymer Battery. This battery is designed as a compatible replacement for various Nolan N-COM communication systems. Please read this manual thoroughly before installation and use.

Compatible Models: Nolan N-COM B1, N43, N71, N85, N86, N90, N91, N103, N43E Air, N43 Air, N43E, N4, B901R, B901L, B5.

Compatible Battery Part Number: PL053448P.

SAFETY PRECAUTIONS

Observe the following critical safety cautions to prevent damage, injury, or fire:

- **DO NOT ATTEMPT TO OPEN OR DISASSEMBLE THE BATTERY.**
- **DO NOT CRUSH, PUNCTURE, OR DISPOSE OF IN FIRE OR WATER.**
- **DO NOT EXPOSE TO TEMPERATURES ABOVE 60°C (140°F).**
- Keep the battery away from children.
- Do not short-circuit the battery terminals.
- Dispose of used batteries according to local regulations.

SETUP AND INSTALLATION

Before installing the new battery, ensure your device is powered off and disconnected from any power source. Refer to your Nolan N-COM device's specific manual for detailed instructions on accessing and replacing its internal battery.



Figure 1: Front view of the STARTONG 1050mAh 3.7V Replacement Battery, showing its label with capacity, voltage, compatible models, and safety cautions. The battery features a white connector with red and black wires.

1. Carefully open your Nolan N-COM device to access the battery compartment.
2. Gently disconnect the old battery from its connector. Note the orientation of the connector.
3. Remove the old battery.
4. Insert the new STARTONG battery into the compartment, ensuring it fits securely.
5. Connect the battery's white connector to the corresponding port in your device, ensuring correct polarity.
6. Carefully close your Nolan N-COM device.



Figure 2: Angled view of the STARTONG 1050mAh 3.7V Replacement Battery, highlighting the attached white connector and its red and black wires, ready for installation.

OPERATING INSTRUCTIONS

Once the battery is installed, your Nolan N-COM device should power on normally. The battery is a direct replacement and does not require special operating procedures beyond those of your original device.

- **Initial Charge:** It is recommended to fully charge the battery before its first use to optimize performance and lifespan.
- **Charging:** Use only the charger provided with your Nolan N-COM device or a compatible charger specified by Nolan.
- **Battery Life:** The battery is designed for over 300 charge cycles. Actual battery life will vary based on device usage and charging habits.

MAINTENANCE

Proper maintenance can extend the life of your battery:

- Avoid fully discharging the battery frequently.
- Store the device with the battery at a partial charge (around 50%) if not used for extended periods.
- Keep the battery and device in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not expose the battery to moisture or corrosive substances.

TROUBLESHOOTING

If you encounter issues after installing the new battery, consider the following:

- **Device Not Powering On:**
 - Ensure the battery connector is securely and correctly plugged in.
 - Verify the battery has sufficient charge. Try connecting the device to its charger.
 - Confirm the battery is compatible with your specific Nolan N-COM model.
- **Battery Not Charging:**
 - Check the charging cable and adapter for damage.
 - Ensure the charging port on your device is clean and free of debris.
 - Try a different compatible charger if available.
- **Short Battery Life:**
 - Ensure the battery has been fully charged.
 - Review your device's usage patterns; high power consumption features will drain the battery faster.
 - Consider if the battery has reached its end of life (after 300+ cycles).

If problems persist, contact customer support or a qualified technician.

SPECIFICATIONS

Feature	Detail
Battery Type	Li-ion Polymer battery

Feature	Detail
Capacity	1050mAh
Nominal Voltage	3.7V
Pack Dimension	52.00 x 34.50 x 5.20mm
Weight	15g (0.529 ounces)
Working Temperature	Less than 60°C (140°F)
Cycle Life	Over 300 times
Certifications	UL, CE, UN38.3, RoHS
Model Number	USN-523450PC

WARRANTY INFORMATION

This STARTONG replacement battery comes with a **180-day warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the battery is 100% compatible with the original specifications. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage resulting from misuse, abuse, unauthorized modification, improper installation, or exposure to extreme conditions not specified in this manual.

CUSTOMER SUPPORT

For technical assistance, warranty claims, or any questions regarding your STARTONG replacement battery, please contact your retailer or the manufacturer directly. Refer to your purchase documentation for specific contact details. When contacting support, please have your product model number (USN-523450PC) and proof of purchase readily available.

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This manual is for informational purposes only. Specifications are subject to change without notice.