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# **Nolan N-Com B902X Helmet Single Bluetooth Intercom Communication Manual**

Model: BNCOM00000039

## **1. INTRODUCTION**

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Thank you for choosing the Nolan N-Com B902X Helmet Single Bluetooth Intercom Communication system. This manual provides essential information for the proper installation, operation, and maintenance of your device. The B902X is designed for seamless integration into compatible Nolan and X-lite helmets, offering advanced Bluetooth communication capabilities for motorcyclists.

Key features of the N-Com B902X include:

- Part number: BNCOM00000039
- Universal cut for broad helmet compatibility.
- Up to 15 hours of talk time on a single charge.
- Includes a Mini USB connection cable for PC management and updates.
- Engineered for simple, fast, and intuitive installation.
- Approved by FCC, IC, CE, RCM, and NOM NYCE standards.



Figure 1.1: The Nolan N-Com B902X communication system packaging, showcasing the product and its branding.

## 2. SETUP AND INSTALLATION

The N-Com B902X system is designed for integrated installation within compatible Nolan and X-lite helmets. Follow the specific instructions provided with your helmet model for precise placement of components.

### 2.1. Compatibility

The B902X is compatible with a wide range of Nolan and X-lite helmets. Ensure your helmet model is listed below for optimal performance and fit:

- **Nolan Helmets:** N120-1, N100-6, N90-3, N80-8, N70-2 GT/X, N40-5/GT, N100-5/PLUS, N104/EVO/ABSOLUTE, N87/PLUS, N44/EVO, N40/FULL
- **X-lite Helmets:** X-1005 U.C., X-903 U.C., X-552 U.C., X-1005, X-1004/U.C., X-1003, X-1002, X-903, X-702/U.C., X-701, X-661/E.T., X-603, X-602, X-551/GT, X-403 GT/U.C., X-402/GT/T



Figure 2.1: Visual representation of helmet compatibility for the N-Com B902X system.

## 2.2. Component Identification

Familiarize yourself with the main components of your N-Com B902X system before installation.



Figure 2.2: The external control panel with buttons for operation.



Figure 2.3: The microphone component, designed for clear voice transmission.

### 2.3. Installation Steps

1. Carefully remove the helmet's internal padding as per your helmet's specific instructions.
2. Position the speakers in the designated ear recesses within the helmet.
3. Mount the microphone arm, ensuring it is securely placed for optimal voice pickup.
4. Install the control unit on the exterior of the helmet, typically on the left side, aligning it with the pre-drilled holes or designated mounting area.
5. Connect all cables, ensuring they are neatly tucked away and do not interfere with helmet comfort or safety.
6. Reinstall the helmet's internal padding.



Figure 2.4: The N-Com B902X system fully integrated into a helmet, showing the external control unit.

## 2.4. Initial Charge and PC Management

Before first use, fully charge the N-Com B902X battery. Use the provided Mini USB cable to connect the unit to a PC for charging and to access the N-Com PC Assistant software for firmware updates and personalized settings. This software allows for advanced configuration of your intercom system.

## 3. OPERATING INSTRUCTIONS

The N-Com B902X offers intuitive controls for managing calls, intercom communication, and music playback. Refer to the control panel (Figure 2.2) for button layout.

### 3.1. Power On/Off

- **To Power On:** Press and hold the 'ON' button until the indicator light illuminates.
- **To Power Off:** Press and hold the 'ON' button until the indicator light turns off.

### 3.2. Bluetooth Pairing

To pair with your mobile phone or another N-Com device:

1. Ensure the B902X is powered on.
2. Enter pairing mode (refer to the full user manual for specific button combinations, typically holding a button for several seconds until the light flashes rapidly).
3. On your mobile device, search for Bluetooth devices and select "N-Com B902X".
4. Confirm pairing if prompted.

### 3.3. Intercom Communication

The B902X allows for rider-to-passenger or bike-to-bike communication. Once paired, initiate intercom calls using the dedicated intercom button or voice commands (if supported).

### 3.4. Phone Calls and Music

When paired with a smartphone, you can:

- Answer/End Calls: Press the designated phone button.
- Redial: Double-press the phone button.
- Play/Pause Music: Press the play/pause button.
- Skip Tracks: Use the volume up/down buttons with a quick press.

The system provides up to 15 hours of talk time, ensuring long-lasting communication during your rides.

## 4. MAINTENANCE

Proper maintenance will extend the life and performance of your N-Com B902X system.

### 4.1. Cleaning

- Wipe the external control unit with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- Ensure no moisture enters the charging port or button crevices.
- Clean the microphone foam cover gently if necessary.

### 4.2. Storage

- Store the helmet with the N-Com system in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for extended periods, ensure the battery is partially charged (around 50%) to preserve battery health.

### 4.3. Firmware Updates

Regularly check for firmware updates using the N-Com PC Assistant software. Updates can improve performance, add new features, and resolve potential issues.

## 5. TROUBLESHOOTING

If you encounter issues with your N-Com B902X, try the following basic troubleshooting steps:

Problem	Possible Cause	Solution
Device does not power on.	Low battery or improper connection.	Charge the device fully. Ensure all internal connections are secure.

Problem	Possible Cause	Solution
Cannot pair with phone/intercom.	Not in pairing mode, or device already paired.	Ensure the B902X is in pairing mode. Delete previous pairings on your phone and retry.
Poor audio quality.	Improper speaker/microphone placement, or interference.	Adjust speaker and microphone positions. Move away from sources of strong electromagnetic interference.
Short battery life.	Aging battery or frequent use of power-intensive features.	Ensure full charge cycles. If battery life significantly degrades, contact support.

For more detailed troubleshooting or issues not listed here, please refer to the comprehensive user manual available on the Nolan N-Com website or contact customer support.

## 6. SPECIFICATIONS

<b>Model Number:</b>	BNCOM00000039
<b>Brand:</b>	Nolan
<b>Manufacturer:</b>	Nolan
<b>Color:</b>	Black
<b>Material Type:</b>	Polycarbonate (PC)
<b>Product Dimensions:</b>	10 x 10 x 10 cm; 500 g
<b>Batteries Included?:</b>	No (internal rechargeable battery)
<b>Talk Time:</b>	Up to 15 hours
<b>Approvals:</b>	FCC, IC, CE, RCM, NOM NYCE

## 7. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Nolan N-Com website. Warranty terms and conditions may vary by region.

If you require technical assistance, support, or have questions regarding your N-Com B902X system, please contact Nolan customer support through their official website or the contact information provided in your product packaging.

For the latest information, firmware updates, and comprehensive user guides, please visit: [www.n-com.it](http://www.n-com.it)

	<p><b>Manual de Instruções Nolan N-Com Bluetooth kit3 PLUS - Segurança e Uso</b></p> <p>Guia completo de segurança e instruções de uso para o sistema de comunicação Nolan N-Com Bluetooth kit3 PLUS, cobrindo instalação, funções, emparelhamento, intercomunicador e garantia.</p>
	<p><b>N-Com B602 X-Series: Manuale del Sistema di Comunicazione per Casco</b></p> <p>Manuale d'uso dettagliato e istruzioni di sicurezza per il sistema di comunicazione per casco N-Com B602 X-Series. Scopri come installare, configurare e utilizzare al meglio il tuo dispositivo per un'esperienza di guida ottimale.</p>
	<p><b>Nolan X-903: Safety and Instructions for Use</b></p> <p>Comprehensive guide to the Nolan X-903 motorcycle helmet, covering safety features, usage instructions, maintenance, and care for optimal performance and rider protection.</p>
	<p><b>Nolan N90-3 Helmet: Safety and Usage Instructions</b></p> <p>Comprehensive guide to the Nolan N90-3 modular helmet, covering safety features, usage instructions, maintenance, and assembly of components like the visor and Pinlock system.</p>
	<p><b>Nolan N70-2 X Helmet: Safety and Instructions for Use</b></p> <p>Comprehensive guide to the Nolan N70-2 X motorcycle helmet, covering safety, usage, maintenance, and assembly instructions for optimal performance and protection.</p>
	<p><b>NOLAN X-1005 Motorcycle Helmet: Safety and User Instructions</b></p> <p>Comprehensive guide for the NOLAN X-1005 motorcycle helmet, covering safety features, usage instructions, maintenance, cleaning, and component assembly/disassembly. Ensure safe and optimal use of your NOLAN helmet.</p>