

## Nolan BNCOM52700041

# Nolan N-Com B902 R Bluetooth Communication System User Manual

Model: BNCOM52700041 | Brand: Nolan

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Nolan N-Com B902 R Bluetooth Communication System. Designed specifically for Nolan helmets, this system offers high-performance audio and seamless integration, enhancing your riding experience with reliable communication and entertainment features.

The B902 R is engineered for riders seeking superior sound quality and advanced functionalities, including multitasking audio, automatic power management, and intelligent conference capabilities. Please read this manual thoroughly before using the device to ensure proper function and safety.

## PRODUCT OVERVIEW



Figure 1: Nolan N-Com B902 R Bluetooth Communication System packaging, showing the system integrated into a Nolan helmet.

The Nolan N-Com B902 R system is designed to integrate perfectly with compatible Nolan helmets, ensuring optimal positioning of earphones and microphone for clear communication. Its compact design and ergonomic controls make it easy to use even with motorcycle gloves.

## SETUP AND INSTALLATION

The B902 R system is designed for simple and fast installation within compatible Nolan helmets. The joint development of the intercom and helmet ensures ideal positioning of the earphones and microphone for optimal audio quality.



Figure 2: Included components of the Nolan N-Com B902 R system, including the main unit, speakers, microphone, and mounting accessories.

### Installation Steps:

- 1. Prepare the Helmet:** Ensure your Nolan helmet is compatible with the B902 R system. Refer to the compatibility list provided in the product specifications or on the Nolan website.
- 2. Mount the Main Unit:** Securely attach the main control unit to the designated slot on the side of your helmet. The ergonomic design ensures a snug fit.
- 3. Install Speakers:** Place the earphones into the ear pockets inside the helmet. Ensure they are positioned directly over your ears for the best audio experience.
- 4. Position Microphone:** Attach the microphone boom to the helmet's chin bar, positioning the microphone close to your mouth for clear voice transmission.
- 5. Route Cables:** Carefully route all cables within the helmet lining to prevent interference and ensure comfort.

6. **Initial Power On:** After installation, press and hold the power button to turn on the system. Listen for multilingual voice announcements confirming power status.

For detailed helmet-specific installation instructions, please consult the supplementary guide provided with your Nolan helmet or visit the official Nolan N-Com support page.

## OPERATING INSTRUCTIONS

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The B902 R system features an ergonomic, 4-button built-in keypad for intuitive control, even when wearing motorcycle gloves.

### Basic Functions:

- **Power On/Off:** The system features an auto on/off function. Alternatively, press and hold the main button to manually power on or off.
- **Volume Control:** Use the dedicated volume buttons to adjust audio levels for intercom, music, and navigation.
- **Multitasking Audio:** Listen to audio from different sources simultaneously. For example, hear navigation instructions while listening to music.
- **Voice Announcements:** Multilingual voice announcements guide you through system operations and status updates.

### Intercom Functions:

- **Rider/Passenger Intercom:** Establish direct communication between rider and passenger via Bluetooth.
- **Bike-to-Bike Intercom:** Connect with other riders up to 700 meters away via Bluetooth.
- **Conference Call Function:** Facilitate 3-way calls between the rider, passenger, and an external caller.
- **Smart Conference Group Intercom:** Engage in simultaneous conference calls with other 900 Series N-Com systems and systems paired in 'Universal Intercom' mode.
- **VOX Activation:** Activate and deactivate the intercom using voice commands, allowing for hands-free operation.

### Connectivity and Media:

- **FM Radio:** Integrated FM radio with 6 pre-set stations available.
- **Phone Calls:** Store up to 3 favorite numbers with speed-dialing commands. Automatic exclusion and reconnection of audio sources for phone calls.
- **Smart Navi System:** Intelligent management of smartphone navigation instructions, with automatic audio source prioritization.
- **Bluetooth Compatibility:** Connects via Bluetooth to Ducati, BMW, KTM, Honda Goldwing, and Harley-Davidson systems.
- **Sena RC4 Remote Control:** Compatible with Sena's RC4 remote control for additional operational flexibility.

### N-Com Easyset App:

The N-Com Easyset App allows for convenient management of your N-Com system. Use the app for easy pairing with other B902 systems via QR codes, updating firmware, and customizing settings.

## MAINTENANCE AND CARE

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Proper maintenance ensures the longevity and optimal performance of your Nolan N-Com B902 R system.

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the control unit. Avoid using abrasive cleaners or solvents, which can damage the finish.

- Speaker and Microphone Care:** Keep the speaker and microphone areas free from dust and debris. If necessary, gently clean with a soft brush.
- Storage:** When not in use for extended periods, store the helmet with the system in a cool, dry place away from direct sunlight and extreme temperatures.
- Battery:** The system features an integrated battery. For optimal battery life, avoid fully discharging the battery frequently. Charge the system regularly.

## TROUBLESHOOTING

If you encounter issues with your Nolan N-Com B902 R system, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
No Power	Battery discharged; Auto on/off not triggered.	Charge the system fully. Manually power on by pressing and holding the main button.
Poor Audio Quality	Speakers misaligned; Microphone not positioned correctly; High background noise.	Adjust speaker position. Reposition microphone closer to mouth. Ensure helmet is properly sealed to reduce wind noise.
Intercom Disconnection	Out of range; Interference; Pairing issue.	Move closer to the other intercom unit. Re-pair the devices. Avoid areas with strong electromagnetic interference.
Cannot Pair with Phone/GPS	Bluetooth not enabled; Device not in pairing mode; Previous pairing conflict.	Ensure Bluetooth is active on your device. Put the N-Com system into pairing mode. Delete previous pairings and try again.

If the problem persists, consult the N-Com Easyset App for further diagnostics or visit the official Nolan N-Com support website for detailed troubleshooting guides and firmware updates.

## SPECIFICATIONS

Feature	Detail
Brand	Nolan
Model Name	Nolan BNCOM52700041
Item Model Number	BNCOM52700041
Manufacturer	Nolan
Product Dimensions	6.1 x 7.3 x 3.5 inches
Item Weight	1 pounds
Color	Transparent (referring to the system's integration, not physical color)
Connectivity	Bluetooth
Intercom Range	Up to 700 meters (Bike-to-Bike)

Feature	Detail
Compatibility	N100-5/Plus; N90-3; N87/Plus; N70-2 GT/X; N40-5 GT/-5; N104/EVO/Absolute; N44/EVO; N40/Full helmets. Also compatible with Sena RC4 remote control and various motorcycle systems (Ducati, BMW, KTM, Honda Goldwing, Harley-Davidson).
Special Features	Multitasking Audio, Auto On/Off, Multilingual Voice Announcements, Smart Conference, VOX Activation, Integrated FM Radio, Smart Navi System, N-Com Easyset App.

## WARRANTY AND SUPPORT

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For information regarding warranty coverage, 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.

For technical support, frequently asked questions, and the latest firmware updates, please visit the official Nolan N-Com support portal. You can also utilize the N-Com Easyset App for system management and direct support resources.

**Official Website:** [www.n-com.it](http://www.n-com.it) (Please check for your regional website)

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