



***mcs* ///**  
***R* SERIES**





## SAFETY AND INSTRUCTIONS FOR USE

Congratulations on your purchase of an N-Com product.

The N-Com MCS III was built adopting the latest technologies and the best materials. Long tests and thorough system development have made it possible to achieve the highest sound quality.

The MCS III system can only be assembled on Nolan helmets pre-set for N-Com.

The MCS III system allows you to listen to audio devices installed on the motorcycles; it **CANNOT** be used in conjunction with other audio systems for helmets.

For additional information about MCS III and to download high-definition instructions, visit the website [www.n-com.it](http://www.n-com.it)

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## 1. WARNINGS AND SAFETY

Read this User Manual carefully, as well as the simple rules listed below. Failure to comply with these rules may lead to dangerous situations.

**Caution:** The product cannot be used in official or non-official competitions, motordromes, circuits, racing tracks and the like.

**Caution:** Installation of the N-Com **MCS III** system results in a weight increase of approximately 80g, which is added to the weight of the helmet and of the other accessories.

**Warning:** The electronic components of the N-Com system mounted inside the helmet are not waterproof. Consequently, make sure the inside of the helmet, including the comfort padding, does not get wet in order to avoid damage to the system. If it does, remove the N-Com system and the helmet comfort padding and let it air dry. Remove the battery from its housing and let it dry.

**Warning:** Helmet speakers may not be legal in all jurisdictions. Check your local laws BEFORE using this product.

### 1.1. Reference standards

The MCS III product of the N-Com line complies with Directive 2014/30/EU 

### 1.2. Road safety

Always obey all Traffic Regulations in force. While riding the motorcycle, your hands should always be engaged in actually riding the vehicle. Any operation to the N-Com system must be carried out with the vehicle stopped.

In all cases, obey the Traffic Regulations and remember that riding the motorcycle has absolute priority over any other manoeuvre.

### 1.3. Interferences

All phones and devices with wireless signal transmission are subject to interferences that may affect the performance of the device connected to them. These interferences are not ascribable to a defect of the N-Com system.

### 1.4. Appropriate use

Use the device only in the normal position, as described in the product documentation. Do not attempt to disassemble, tamper with or modify any part of the N-Com system.

**Caution:** Adjust the volume of the N-Com system (where provided) and of the audio sources connected to it before you use the system on the road.

**Caution:** Adjusting the volume to very high levels may cause damage to your hearing.

**Caution:** Adjust the volume of the N-Com system (where provided) and of the audio sources connected to it so as to avoid audio reproduction at high volumes. Constant exposure to high audio volumes may damage your hearing.

**Caution:** An incorrect installation of the system in the helmet may alter the aerodynamic and safety characteristics of the helmet itself, thus creating dangerous conditions. Install the N-Com system according to the instructions provided in the product documentation. In case of doubt, please contact your local N-Com dealer.

## 1.5. Qualified personnel

Only qualified personnel can carry out technical assistance on this product. In case of any malfunction, always turn to your local dealer.

The helmet is a safety device. Tampering with it and/or with the electronic system inside the helmet, in addition to invalidating the product warranty, can also lead to dangerous situations.

## 1.6. Disposal

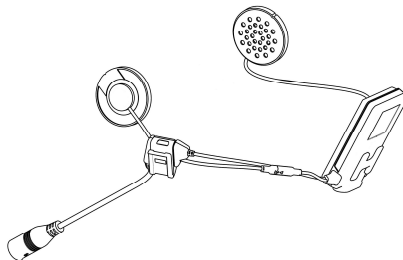
Refer to this user manual and to manuals related to other parts of the N-Com system in order to disassemble the system from the helmet. Once the system has been disassembled, dispose of it according to the following instructions:



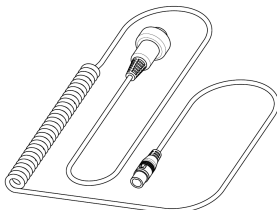
- The presence of a crossed-out wheellie bin indicates that in the European Union the product is subject to separate collection at the end of its useful life.
- Do not dispose of these products together with undifferentiated urban waste.
- The proper disposal of obsolete equipment contributes to preventing possible negative consequences on people's health and on the environment.
- For more detailed information on the disposal of obsolete equipment, contact your municipality, a waste disposal service or the store where the product was purchased.

## 2. CONTENTS OF THE PACKAGING

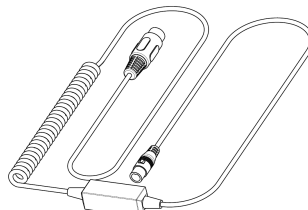
The N-Com MCS III package contains:



**MCS III system**



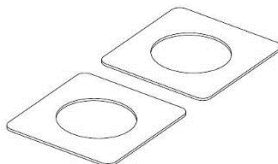
**Honda Goldwing  
connection cable**



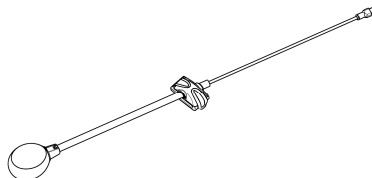
**Harley Davidson  
connection cable**



**Key**



**Adhesive strips for loudspeakers**



**Microphone with clip**

### 3. INSTALLATION

**Important:** Prior to installing the N-Com system, it is recommended to write down the identification code affixed to the product (see chapter 6.5).

- Remove the cheek padding (see helmet instructions).
- Remove the helmet edge gasket using the special tool (Fig. 1).
- Completely remove the gasket as shown in Fig. 1; by doing so you also remove the padding.
- Remove the “N-Com” plugs found at the back of the shell gasket and on the left side of the helmet.

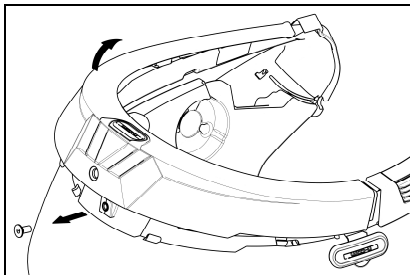


Fig. 1

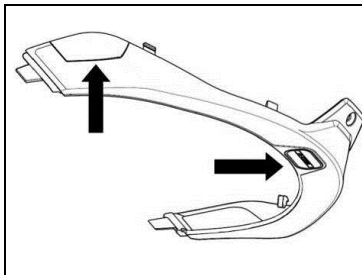
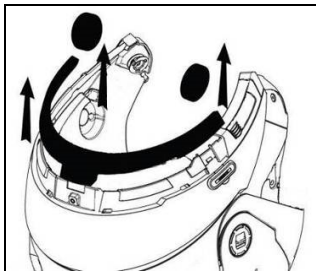
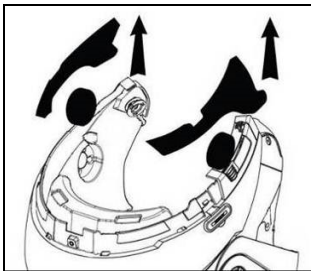


Fig. 1 – **ONLY FOR N100-5 AND N87 HELMETS**

- Prior to installing the N-Com system, remove any filling foam material found in the helmet.



Option 1



Option 2

**N.B.:** Keep the filling material in case you wish to use the helmet without the N-Com system in the future.



## 3.1. Installing the MCS III system on the helmet

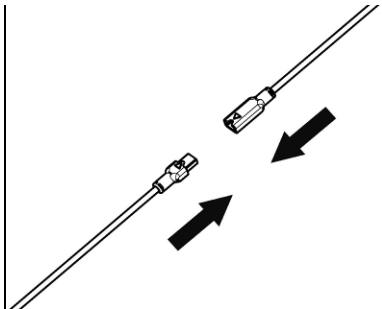


Fig. 2

- Hook up the microphone connector to the other end, following the directions of the arrows (Fig. 2).

**N.B.:** You can adjust the position of the microphone. For instructions on how to do this, please see chapter. 3.2.

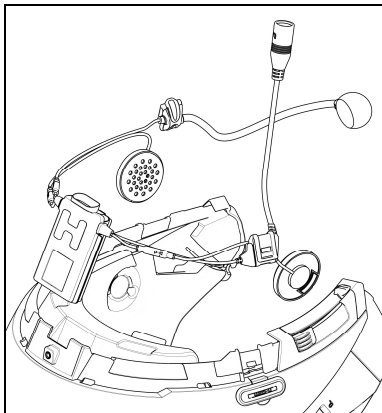


Fig. 3

- Place the system in the special housing in the back of the helmet, pushing it all the way into the groove (Fig. 3).

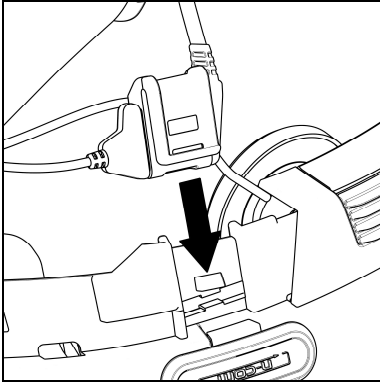


Fig. 4

**N.B.:** For positioning of the wiring and of the microphone in the N100-5 helmet, follow the instructions provided in the dedicated box.

- Fix the cable inside the helmet and make sure the right fixing clip snaps into its housing (Fig. 4).

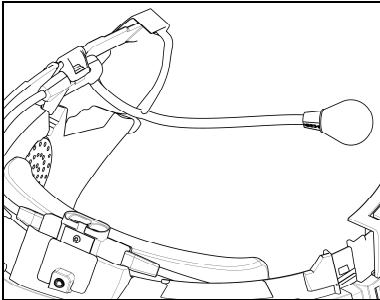


Fig. 5

- Position the microphone in the housing on the right of the helmet, inserting the metal boom in the groove found in the chin guard coupling frame (Fig. 5).

**Caution:** make sure that the side of the microphone support with the writing "N-Com" is facing inward.

- Fix the cable inside the helmet and make sure the left fixing clip snaps into its housing.

**ONLY FOR HELMET N100-5 – positioning of wiring and microphone****Positioning the right side wiring and the microphone:**

- Lift up the plastic lining of the cheek padding (Fig. 6).
- Insert the microphone into the eyelet (Fig. 7) and position it in the special housing, then inserting the metal boom in the groove found in the chin guard coupling frame (Fig. 8).

**Caution:** make sure that the side of the microphone support with the writing “N-Com” is facing inward.

- Fix the cable inside the helmet and make sure the right fixing clip snaps into its housing (Fig. 9).
- Reposition the plastic lining of the cheek padding, arranging it behind the two small stop hooks (Fig. 10).

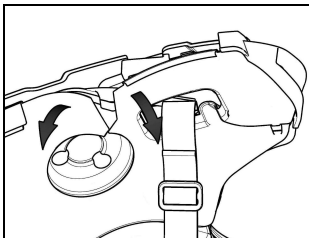


Fig. 6

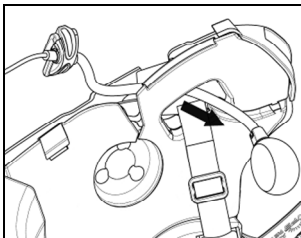


Fig. 7

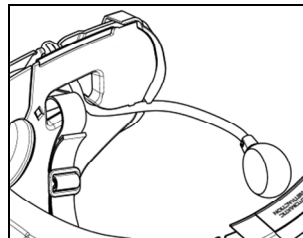


Fig. 8

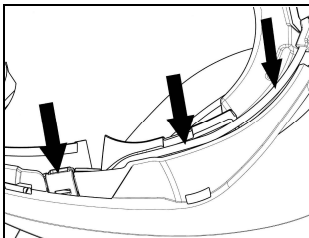


Fig. 9

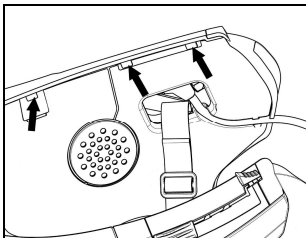


Fig. 10

## ONLY FOR HELMET N100-5 – positioning of wiring and microphone

### Positioning the left side wiring:

- Lift up the plastic lining of the cheek padding (Fig. 11).
- Fix the cable inside the helmet and make sure the left fixing clip snaps into its housing (Fig. 12).
- Reposition the plastic lining of the cheek padding, arranging it behind the two small stop hooks (Fig. 13).

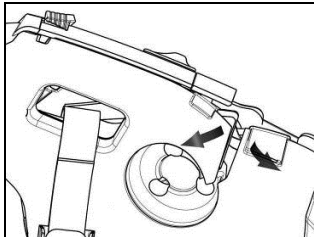


Fig. 11

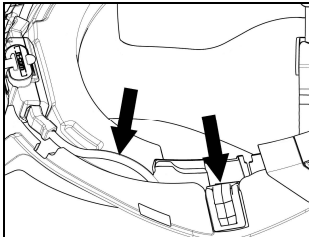


Fig. 12

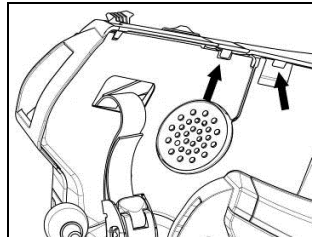


Fig. 13

- Check that the connectors of the microphone and loudspeakers are correctly plugged in.
- Position the left and right speakers in the respective housing obtained in the polystyrene cheek padding. If necessary, rotate the speakers slightly in their housing. If necessary, secure them using the adhesive strips supplied as standard equipment.

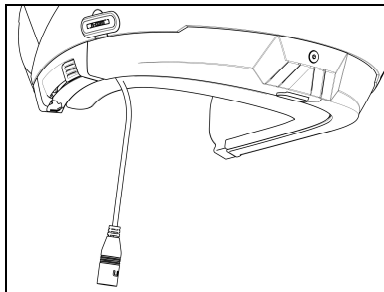


Fig. 14

- Reassemble the gasket and secure it with the specific screw, making sure that the cable connecting to the motorbike comes out of the helmet as shown in Fig. 14.
- Reassemble the cheek padding.

### 3.2. Adjusting the microphone

The MCS III system makes it possible to adjust the position of the microphone in order to facilitate its positioning in the different helmet models. Proceed as follows:

- Open the clip positioned on the microphone boom, operating as indicated in Fig. 15.
- Adjust the microphone (Fig. 16).
- Close the clip (Fig. 17).

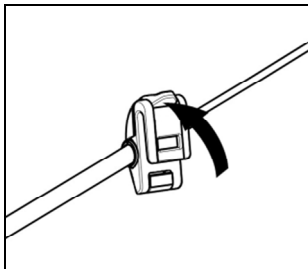


Fig. 15

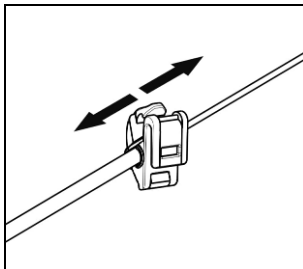


Fig. 16

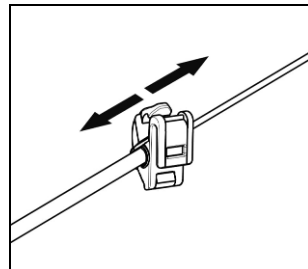


Fig. 17

To ensure good voice transmission quality, it is recommended to position the microphone sponge at the side of your mouth.

### 3.3. Removing the MCS III system from the helmet

Proceed as follows to remove the MCS III system from the helmet:

- Remove the cheek padding and the shell gasket.
- Unhook the right and the left clips from the shell, levering upward using a flat head screw (or a similar tool), as shown in figure 18.
- Completely remove the MCS III system from helmet using a flat head screwdriver (or similar tool) and re-install the cheek padding and the edge gasket.

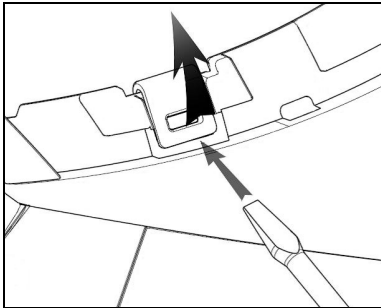


Fig. 18

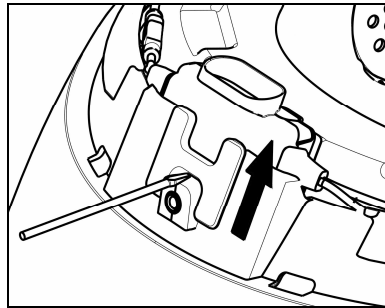


Fig. 19

## 4. OPERATION OF THE MCS III SYSTEM

Hook up the cable to the motorcycle, then to the MCS III system. The audio of the system installed on the motorcycle is now transferred to the helmet.

You can use the interphone system on the motorcycle by connecting both the pilot's helmet and the passenger's to the motorcycle. Each helmet must be equipped with the MCS III system.

Volume levels of the radio and of intercom have to be set from the motorbike's audio system, as desired.

When using the INTERCOM function, the volume has to be set at a comfortable level for conversation. Do not increase the volume too much to avoid background interference.

For all audio settings and adjustments, please read your motorbike manual.

**Warning:** Connect the cables so that they are free and do not hinder riding nor reduce the freedom of movement, and do not wind them around the limbs, bust or neck. Do not lock the connectors so that, if necessary, they can be easily disconnected.

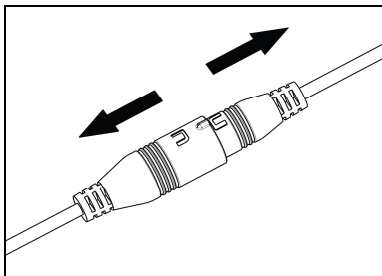


Fig. 20

**Attention:** do not pull the cable. Do not use the cable to lift the helmet. Do not pull the cable to separate the two connectors. To separate the connectors, hold them and pull them in opposite directions.

## 5. MAINTENANCE

The N-Com does not require any special maintenance tasks. In case you use the kit when it rains, dry off the wet parts of the helmet.

## 6. LIMITED WARRANTY

With this LIMITED WARRANTY CERTIFICATE, Nolangroup warrants this Product to be free from defects in material and workmanship at the time of its original purchase by the buyer.

We invite you to:

- Read the cautions pertaining to safety and proper use.
- Read the warranty terms and conditions.
- Keep the originals sales receipt. This must be shown in case of repairs covered by warranty. In these cases, the product has to be taken back to the dealer where it was purchased.

### 6.1. Warranty coverage

If any defect covered by this limited warranty certificate is discovered within 2 (two) years from the purchase date shown on the tax receipt, Nolangroup shall repair or replace the defective product through its distribution network after having verified the defect. Nolangroup shall supply all the material and labor that is reasonably required to remedy the defect, except in those cases where the damage is caused by one of the items listed in the following paragraph "Exclusions and limitations of the Coverage".

### 6.2. Exclusions and limitations of the coverage

This warranty only covers defects in materials and manufacturing. Nolangroup shall not be considered responsible for product defects that can be attributed, either partially or in full, to any other cause, including but not limited to:

- Defects or damages resulting from using the Product in conditions that differ from the usual ones.
- Damages caused by improper use not conforming with normal operation in accordance with the product operating and maintenance instructions provided by Nolangroup.
- Negligence and normal wear of internal and external parts.
- Any damage caused by an accident.
- Any change or modification made to the helmet or to the N-Com system by the user or by third parties.
- Colour changes or damages caused by exposure to harmful chemical products.
- The use of incompatible accessories that are not part of the N-Com product range.
- Moreover, the warranty does not cover product defects caused by fortuitous events, modifications or adjustments, causes of force majeure or damages deriving from the product coming in contact with liquids.
- The internal helmet components are not and cannot be waterproof. Consequently, any improper exposure to rain, humidity, food spillages or other liquids can result in damages to the N-Com electronic devices, damages for which Nolangroup shall not be responsible.



- This warranty does not include those parts subject to wear and tear such as, for example, the rechargeable battery and the cables used for connection between the various N-Com systems or between the N-Com systems and other devices.
- Since Nolangroup does not supply the system on which the cell phones work, it shall not be responsible for the operation, availability, coverage, services or range pertaining to the aforementioned system.
- Whenever the product is used in conjunction with accessories or equipment not supplied by Nolangroup, Nolangroup shall not guarantee proper operation of the product/device combination, nor will it accept requests for repairs or replacements under warranty in case the product is used in such a way.
- Nolangroup shall not be responsible in case the product presents limited capabilities due to the operating mode of cell phones or of other accessories or equipment not supplied by Nolangroup.
- Tampering with the internal electronic card or with other parts of the N-Com system shall invalidate the warranty.
- Moreover, the defects covered by this warranty do not include all those specific and subjective situations that may come up during the active use of the helmet such as, for example, comfort problems while riding or aerodynamic noises.

Nolangroup shall not be held responsible in any case for incidental or consequential damages (including, without any limitation whatsoever, damages to one or more persons) resulting from non-fulfilment of the obligations arising from this warranty as it pertains to Nolangroup products.

### **6.3. Validity of this limited warranty**

This warranty is valid only if the enclosed warranty form is duly and completely filled out with the following information:

- Product identification code
- Name and stamp of the authorized dealer
- Product purchase date
- Buyer's name and address

Nolangroup reserves itself the right to not carry out repairs under warranty if the aforementioned information is removed or modified after the original purchase of the product from the dealer.

### **6.4. Procedure for the forwarding of claims**

To forward a claim covered by this warranty, the buyer has to directly notify the dealer where the helmet was purchased with regards to the defect, presenting at the same time the defective product, a copy of the sales receipt and the Warranty registration form, duly filled out as instructed above.

PRIOR TO CONTACTING THE DEALER, WE RECOMMEND THAT YOU READ CAREFULLY THE USER MANUAL ENCLOSED WITH THE PRODUCT.

AFTER 2 (TWO) YEARS FROM THE DATE OF PURCHASE, THIS LIMITED WARRANTY IS VOID FOR ALL EFFECTS AND PURPOSES.

Repairs or maintenance under warranty do not extend the period of the warranty itself. Therefore, in case the product or one of its components is replaced, this does not initiate a new warranty period, as the purchase date of the original product shall be taken into account for warranty purposes.

Only for repairs or replacement of electronic components, in the event that Nolangroup proceeds to repairing or replacing the product, said product shall enjoy a warranty period equal to the residual portion of the original warranty or ninety (90) days from the repair date (the longer period being considered).

The repair or replacement can be carried out even with regenerated components with equivalent functions.

The replaced parts or components shall become property of Nolangroup.

THIS WARRANTY VOIDS AND REPLACES ANY OTHER WRITTEN OR VERBAL WARRANTIES PROVIDED FOR BY THE LAW THAT CAN BE DEROGATED AT THE PARTIES' WILL; SPECIFICALLY, NOLANGROUP DOES NOT GRANT SPECIFIC WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO CASE SHALL NOLANGROUP BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING BUT NOT LIMITED TO LOST PROFITS OR COMMERCIAL DAMAGES, TO THE FULL EXTENT THOSE DAMAGES CAN BE DISCLAIMED BY THE LAW.

NOLANGROUP RESERVES ITSELF THE RIGHT TO MODIFY, AT ANY TIME AND WITHOUT ADVANCE NOTICE, THE PRODUCT CHARACTERISTICS, FUNCTIONS, COMPATIBILITY AND SOFTWARE.

Some Countries do not allow the exclusion or limitation of incidental or consequential damages, or the limitation of the duration of implied warranties; as a result of this, the previous limitations and exclusions may not be applicable to you.

This warranty does not have any effect on the customer's legal rights under the national jurisdiction in force or on the consumer's rights towards the dealer sanctioned by the purchase/sale contract.

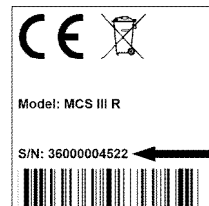
This warranty is valid throughout the European territory, and it represents the only express warranty provided by Nolangroup in relation to the sale of its own products. This warranty does not affect the rights to which the buyer is entitled and which are expressly provided for by Directive 1999/44/CE.

This warranty does not affect the consumer's rights provided for by the law, and specifically by the provisions of Legislative Decree 2 February 2002 n. 24.

## 6.5. Product identification

N-Com products are identified by means of a code that allows product traceability and identification.

The identification code is listed on the adhesive label applied to the MCS III system and on the outside of the sales package.



## 7. WARRANTY REGISTRATION FORM

Product name MCS III

Identification code

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### Buyer's Information

Name

Last name

Address

Phone

e-mail

Dealer's stamp

Date of purchase



[www.n-com.it](http://www.n-com.it)