Manuals+ — User Manuals Simplified.

M951 Xseries
N Com
Helmet

Nolangroup M951 Xseries N Com Helmet Instruction Manual

Contents

Nolangroup

Nolangroup M951 Xseries N Com Helmet

Specifications:

- **Product**: N-Com System
- **Compatible with**: X-1005 and X-903 helmets
- **Manufacturer**: N-Com

Product Usage Instructions

Installation on the X-1005 and X-903 Helmets
The X-1005 and X-903 helmets are pre-set for the EASYFIT simplified installation of the N-Com system.

Preliminary Operations
Before installing the N-Com system, follow these steps:

- Remove the internal comfort padding and size adjustment tab.
- Remove foam material from the polystyrene cheek pads at the housing of the N-Com earphones.

Installing the System in the X-1005 and X-903 Helmets
Follow these steps for installation:

1. Open the cheek pad lining door on the left side of the helmet and remove the filling material.
2. Remove the small N-Com cap on the left side of the helmet.
3. Clean the outside surface of the shell for proper adhesive keypad application.
4. Remove the protective film from the adhesive keypad and pass the flex through the hole in the outer shell.
5. Apply the keypad to the shell, ensuring it sticks properly.

6. Connect the keypad flex to the e-box and the battery to the wiring system.

7. Switch on the N-Com system to verify proper operation.

8. Secure the keypad flex in place and position the e-box properly.

INSTALLATION ON THE X-1005 AND X-903 HELMET

The X-1005 and X-903 helmets are pre-set for the EASYFIT simplified installation of the N-Com system.

Important: Prior to installing the N-Com system, it is recommended to write down the identification code affixed to the product (see chapter 22.4). The installation video can be seen at **www.n-com.it** / Support section.

Preliminary operations

- Remove the internal comfort padding by following the specific instructions provided in the helmet user manual, being careful to also remove the size adjustment tab.
- Remove from the polystyrene cheek pads the foam material at the housing of the N-Comearphones. Keep this filling materials should you decide in the future to use the helmet without the N-Com system installed.

Installing the system in the X-1005 and X-903 helmets

- On the left side of the helmet, open the cheek pad lining door (Fig. 1). Remove the filling material. Keep it in case you want to use your helmet without the N-Com system installed in the future.
- Remove the small N-Com cap positioned on the left side of the helmet. To make the operation easier, we recommend pushing the cap from inside the helmet (Fig. 2).
- Thoroughly clean the outside surface of the shell to make sure that the adhesive keypad sticks properly. Before you apply the keypad, make sure that the shell area is completely clean and grease or dirt-free.
- Remove the protective film from the back of the adhesive keypad using the special tab (Fig. 3).
- Pass the keypad flex through the hole in the outer shell (Fig. 4).
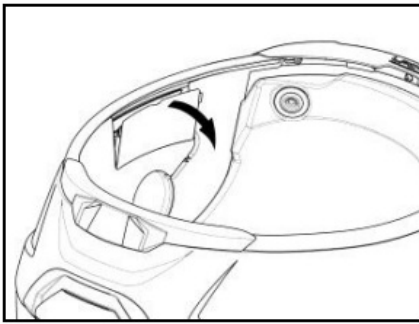- Apply the keypad to the shell and press down on its entire surface to make sure that it sticks properly (Fig. 5).
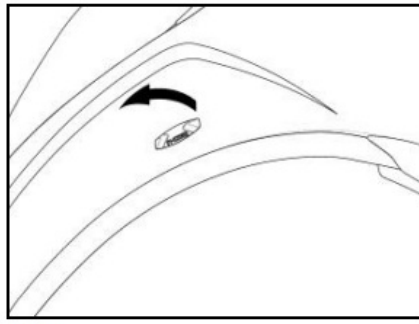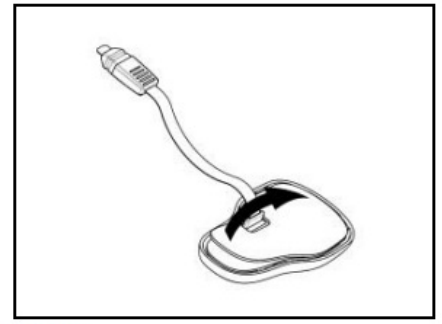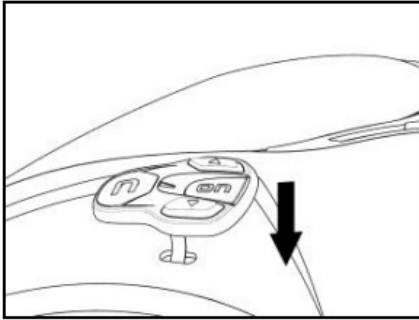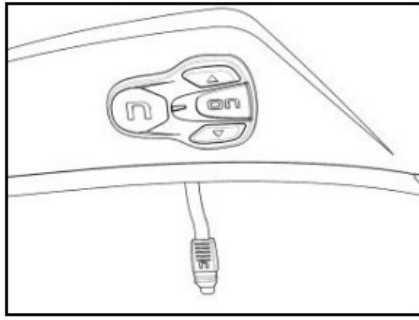
Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 5

- **N.B**.: Make sure you do not glue the keypad flex underneath the keypad support.
- **N.B**.: In the event that the keypad is not positioned correctly, peel it off right away with extreme care and repeat the positioning.
- **N.B.:** It takes up to 24 hours for the keypad to stick completely. During this time, do not expose the helmet to atmospheric agents.

- Line up the keypad flex connector to the e-box making sure that the letter "n" is pointing as shown in Fig. 6.
- Gently position the connector in its seat until it is all the way in (Fig. 7).
- Connect the battery to the wiring system (Fig. 8).
- Switch on the N-Com system (press "ON" for about 2 seconds) to verity its proper operation.
  - **N.B.** If the system does not work, remove the flex and repeat the previous operation, making sure that the "**ON**" is positioned as in Fig. 6.
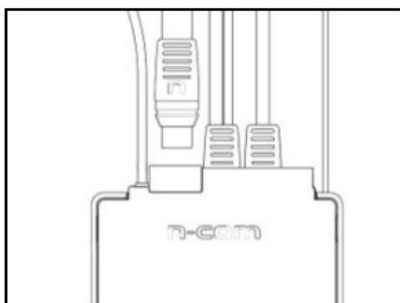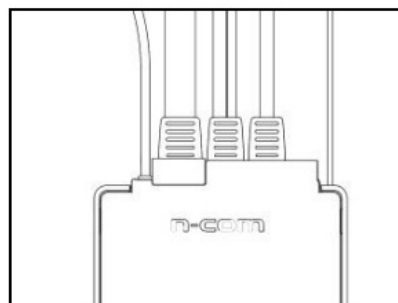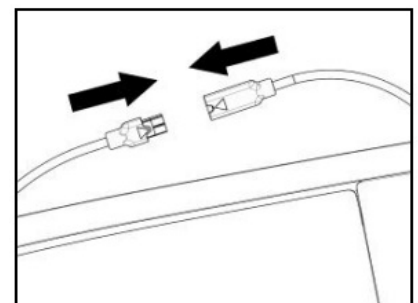

Fig. 6

Fig. 7

Fig. 8

- Secure the keypad flex in the specials stop (Fig. 9).
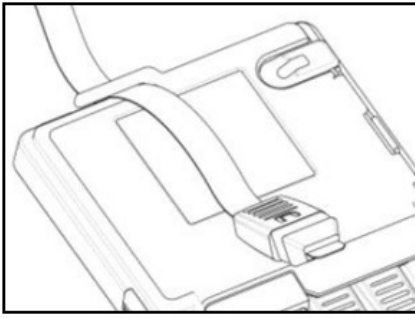- Position the e-box in its seat, arranging the keypad flex cable so that it does not interfere with the positioning of the e-box, as illustrated in figures 10-11-12.

Fig. 9
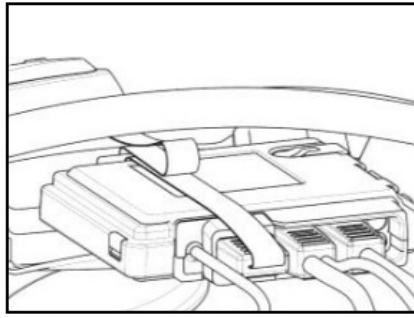
Fig. 10
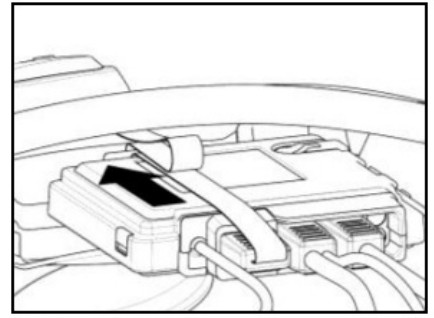
Fig. 11

Fig. 12

Fig. 13

- Position the left loudspeaker in its seat, inserting the cable in the special groove. If necessary, secure the earphone using the adhesive supplied as standard equipment (Fig. 13).

Microphone positioning

ONLY FOR X-1005 HELMETS

- With the help of the flat head tool supplied as standard equipment, open the microphone-holder clip located on the right side of the helmet (Fig. 14-15).
- Position the microphone at the desired length, sliding the excess portion inside the cheek pad lining (Fig. 16).
    - **N.B.:** To ensure good voice transmission quality, it is recommended to adjust the length of the microphone so that the foam part is in front of your mouth.
- Close the clip. Make sure that the microphone side with the letter "n" is facing the inside of the helmet (Fig. 17).
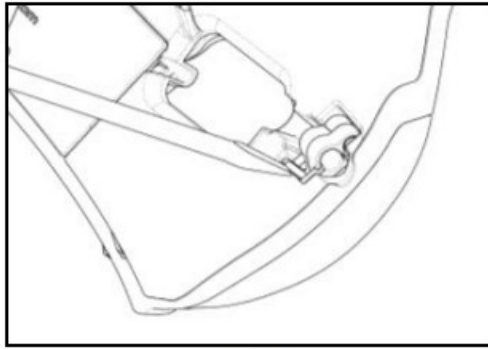
Fig. 14
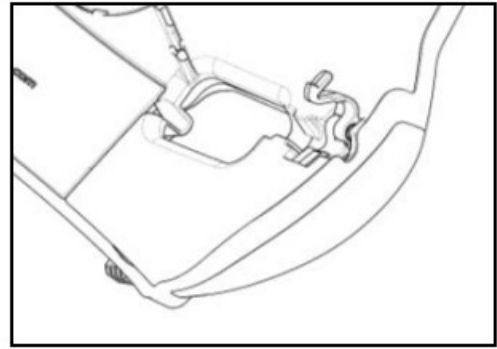
Fig. 15
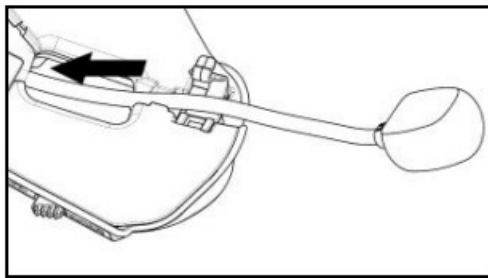
Fig. 16
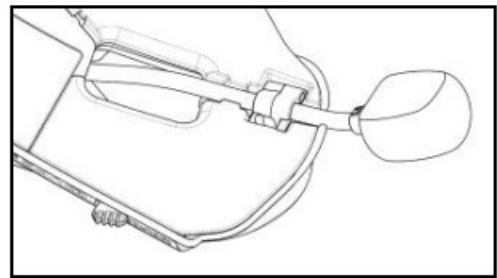
Fig. 17

ONLY FOR X-903 HELMETS

- Hook up the specific microphone for full-face helmets in its seat in the chin guard (Fig. 18).
- Position the microphone wire in the vertical groove (Fig. 19) and afterwards behind the cheek pad lining. If necessary, lift up the groove tabs and the cheek pad lining using a flat head tool (supplied as standard equipment).
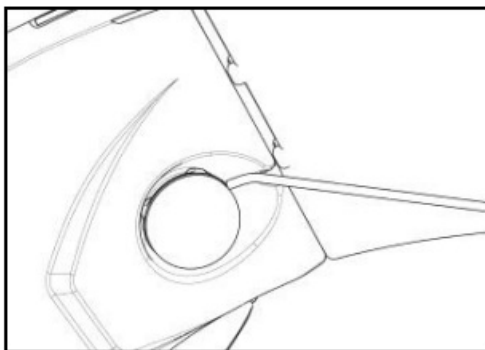
Fig. 18
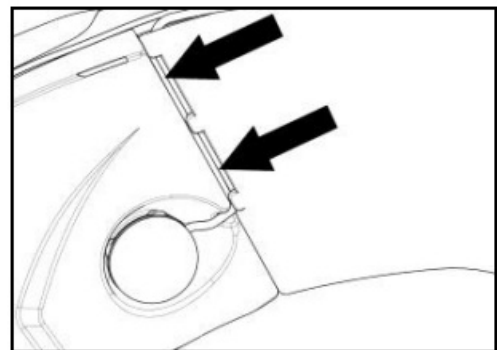
Fig. 19

- Hook up the microphone to the connector coming out of the e-Box (Fig. 20).
- Position the wiring and the connectors behind the cheek pad lining, lifting it with the help of a flathead tool (Fig. 21).
- Pass the USB mini wire through the elastic band found on the comfort padding (Fig. 22).
- Position the wiring and the antenna in the rear part of the helmet (Fig. 23).
- On the right side of the helmet, bend the cheek pad lining and insert the battery in its housing (Fig. 24 A/B – 25).
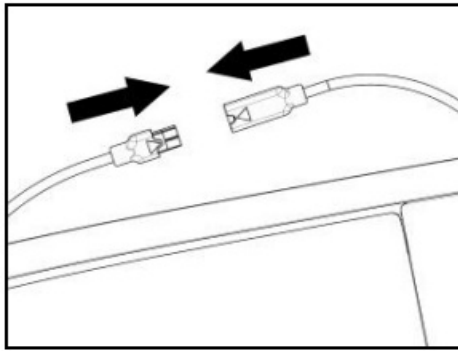
Fig. 20
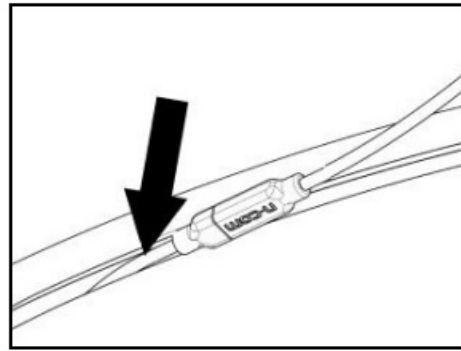
Fig. 21
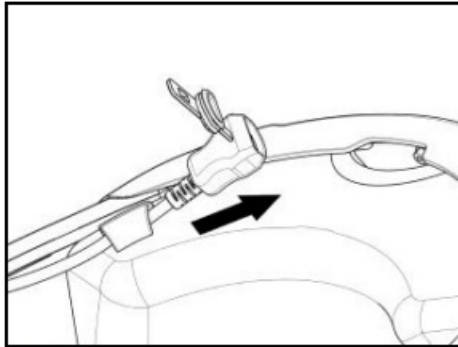
Fig. 22
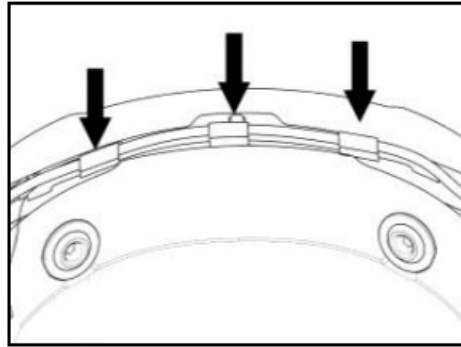
Fig. 23
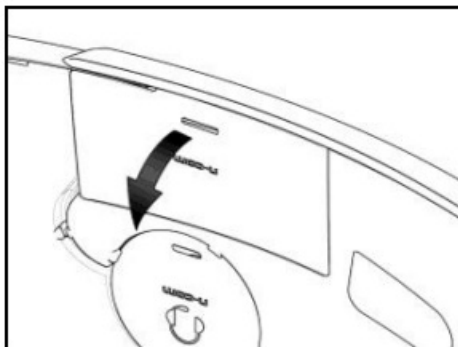
Fig. 24 A – X-1005 HELMET
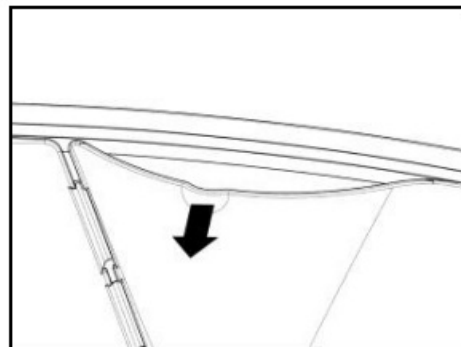
Fig. 24 B – X-903 HELMET

- **ONLY FOR X-1005 HELMETS:** Remove the filling material. Keep it in case you want to use the helmet without the NCom system installed in the future.
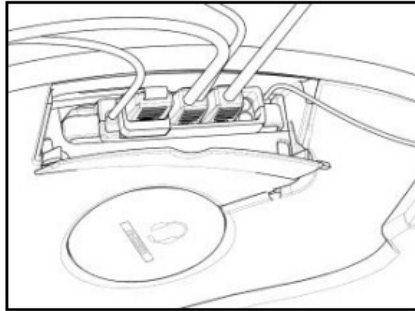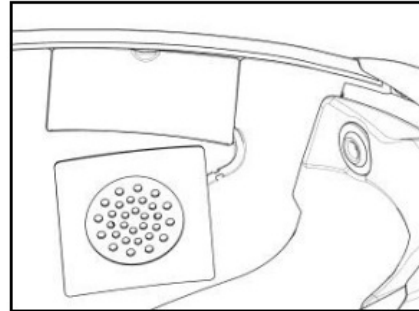- Position the right loudspeaker in its housing, inserting the cable in the special groove (Fig. 26). If necessary, secure the earphone using the adhesive supplied as standard equipment.
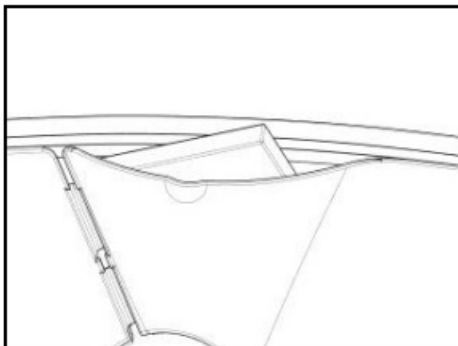
Fig. 25
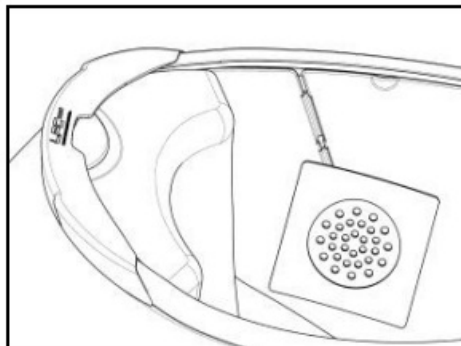
Fig. 26

- Position the wiring and the connectors behind the cheek pad lining, lifting it up with the help of a flat head tool.

Repositioning the padding
Reposition the internal comfort padding by following the specific instructions provided in the helmet user manual.

Warning: Always verify the proper length of your chinstrap and adjust it if necessary, referring to the specific

helmet instructions.

INSTALLATION ON THE X-LITE HELMETS

This procedure must be followed for the installation of N-Com systems on X-lite helmets other than model X-1005 and X-903.

Important: Prior to installing the N-Com system, it is recommended to write down the identification code affixed to the product (see chapter 22.4). The installation video can be seen at **www.n-com.it** / Support section.

Preliminary operations

- Remove the internal comfort padding by following the specific instructions provided in the helmet user manual.
- If present, remove from the polystyrene cheek pads the foam filling material that cover the housings of the N-Com earphones. Keep this filling materials should you decide in the future touse the helmet without the N-Com system installed.

Installing the system in the helmet

- Connect the battery to the wiring system (Fig. 27).
- Position the battery in the right polystyrene cheek pad housing and secure it using the Velcro ribbon (Fig. 28).
- Position the right-hand side speaker in the specific cheek pad housing and secure it using the specific adhesive (Fig. 29).
- Reposition the right polystyrene cheek pad in its housing.

ONLY FOR FULL-FACE HELMETS: Insert the chin strap into the polystyrene cheek pad loop.
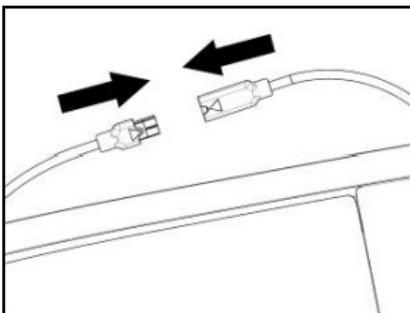
Fig. 27
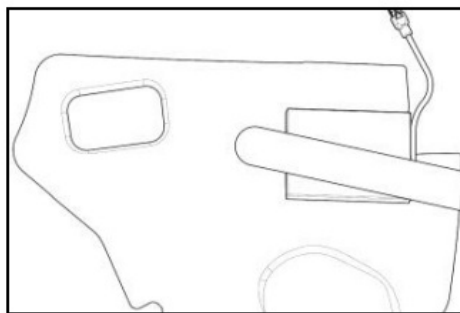
Fig. 28
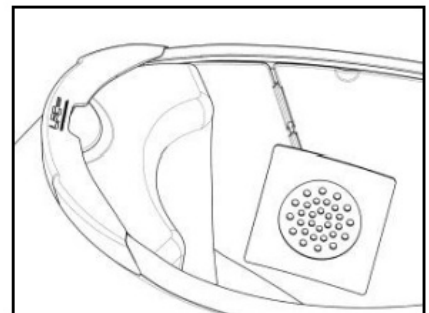
Fig. 29
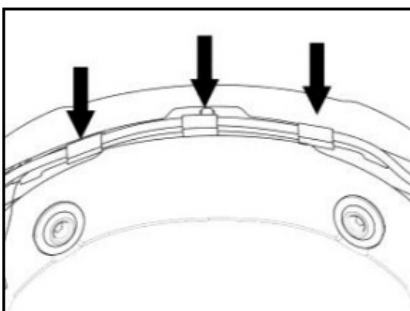
Fig. 30

- Arrange the battery connector behind the polystyrene cheek pad.
- Position the wiring and the antenna at the back of the helmet (Fig. 30).

- Arrange the battery connector behind the polystyrene cheek pad.
- Position the wiring and the antenna at the back of the helmet (Fig. 30).

ONLY FOR X-702 HELMETS

- Cut along the pre-cut lines of the plastic tab on the back of the comfort padding.
- Position the wiring underneath the plastic tab (Fig. 31).

N.B.: the side parts of the antenna must be positioned above the buttons to allow the correct hooking of the comfort padding (Fig. 32).
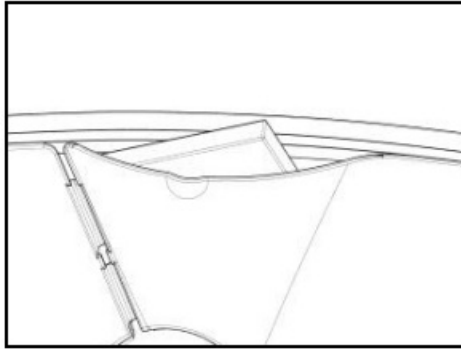
Fig. 25
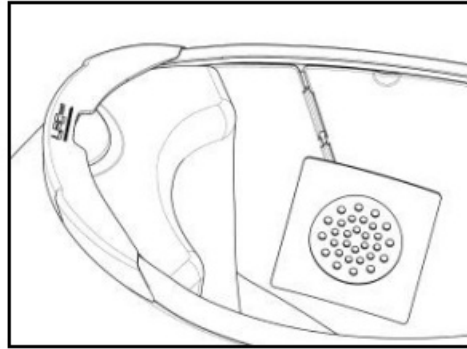
Fig. 26

- Remove the small N-Com cap positioned on the left side of the helmet. To make the operation easier, we recommend pushing the cap from inside the helmet (Fig. 33).
- Thoroughly clean the outside surface of the shell to make sure that the adhesive keypad sticks properly. Before you apply the keypad, make sure that the shell area is completely clean and grease or dirt free.
- Remove the protective film from the back of the adhesive keypad using the special tab (Fig. 34).
- Pass the keypad flex through the hole in the outer shell (Fig. 35).
- Apply the keypad to the shell and press down on its entire surface to make sure that it sticks properly (Fig. 36).
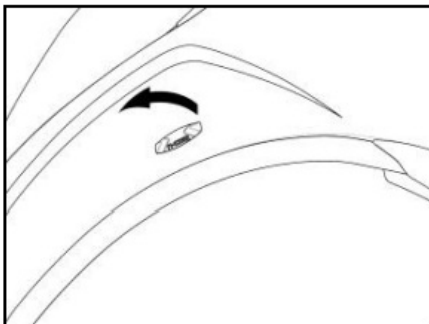
Fig. 33

Fig. 34
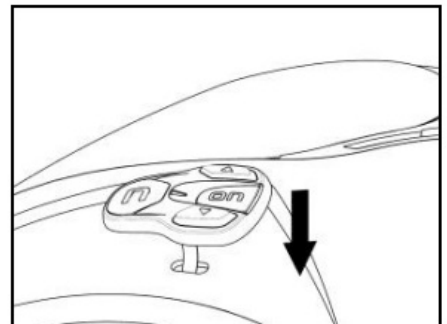
Fig. 35
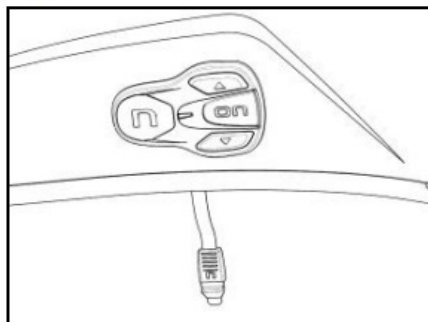
Fig. 36

- **N.B.:** Make sure you do not glue the keypad flex underneath the keypad support.
- **N.B.**: In the event that the keypad is not positioned correctly, peel it off right away with extreme care and repeat the positioning.
- **N.B.:** It takes up to 24 hours for the keypad to stick completely. During this time, do not expose the helmet to atmospheric agents.

- Line up the keypad flex connector to the e-box making sure that the letter "ON" is pointing as shown in Fig. 37.
- Gently position the connector in its seat until it is all the way in (Fig. 38).
- Switch on the N-Com system (press "ON" for about 2 seconds) to verify its proper operation.
    - **N.B.** If the system does not work, remove the flex and repeat the previous operation, making sure that the "**ON**" is positioned as in Fig. 37.
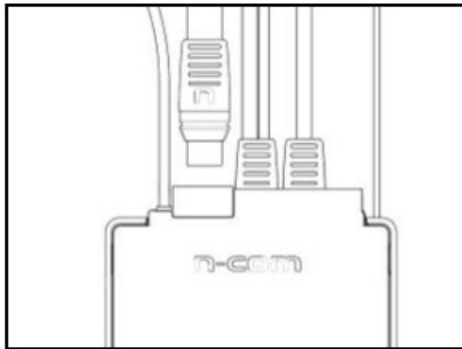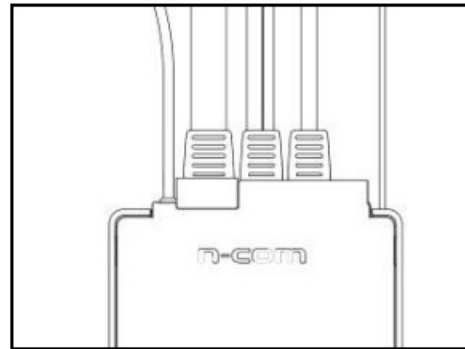
Fig. 37   Fig. 38

- Secure the keypad flex in the special stop (Fig. 39) and position the e-box inside its housing in the cheek pad (Fig. 40).
- Temporarily reposition the polystyrene cheek pad inside the helmet and continue with the subsequent paragraph.
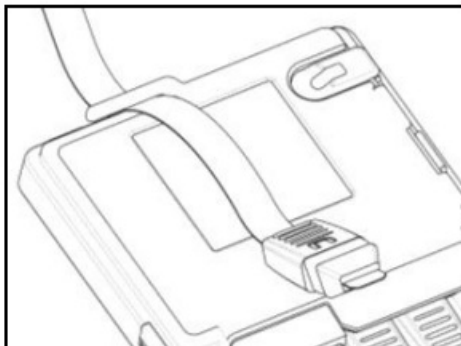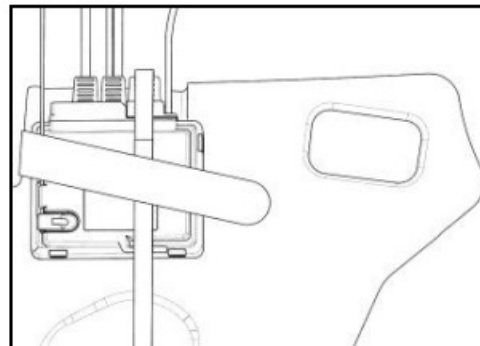
Fig. 39   Fig. 40

Microphone positioning
FLIP UP OR JET HELMETS

- Insert the microphone securing clip (Fig. 41).
- Position the microphone on the left side of the helmet, screwing in the screw in the small shell frame (Fig. 42). Make sure that the side of the microphone with the caption "ON" is facing the inside of the helmet (Fig. 43).
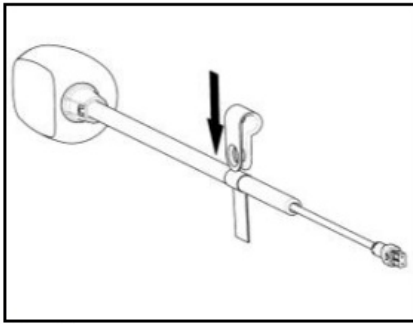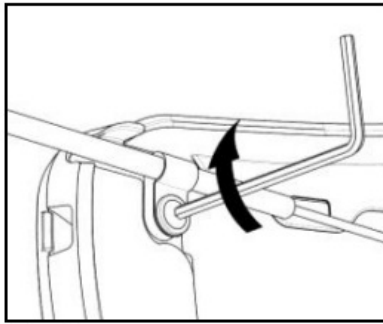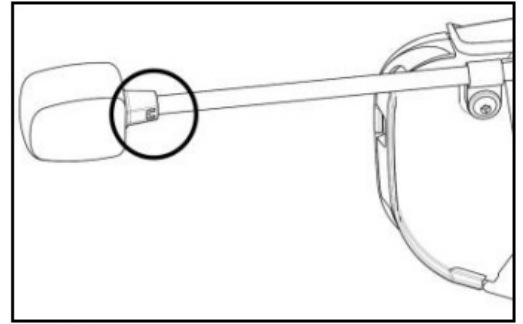
Fig. 41   Fig. 42   Fig. 43

N.B.: On certain helmets, the housing for the microphone rod must be created by cutting out the helmet border gasket along the pre-cut area.

FULL-FACE HELMETS

- Take the polystyrene check pad (left side) and position the microphone in the special housing, as illustrated in Fig. 44. Make sure that the side of the microphone with the caption "O" is facing the inside of the helmet (Fig. 45).
- Secure the microphone to the cheek pad using the "microphone securing stickers", see Fig. 44.
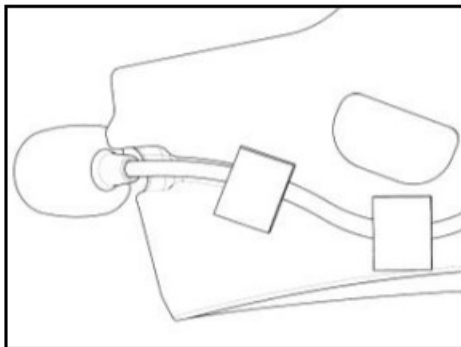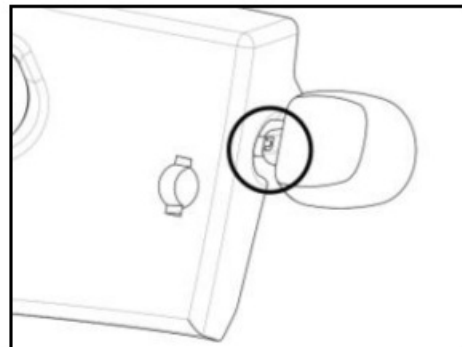
Fig. 44   Fig. 45

- Connect the microphone to the connector coming out of the e-Box (Fig. 46).
- Position the left-hand side speaker in the cheek pad housing and secure it using the specific adhesive (Fig. 47).
- Reposition the left polystyrene cheek pad in its housing.

ONLY FOR FULL-FACE HELMETS: Insert the chin strap into the polystyrene cheek pad loop.
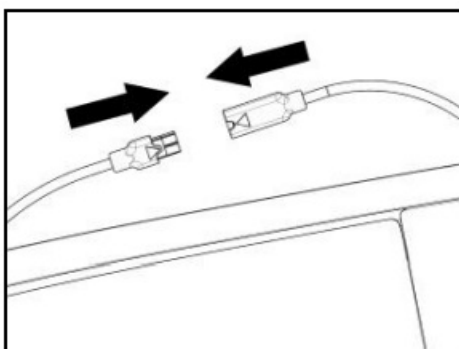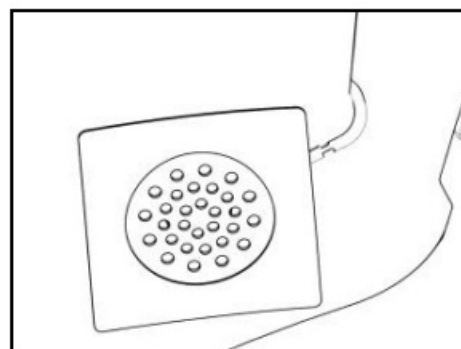

Fig. 46   Fig. 47

Repositioning the padding

- Pass the USB mini wire through the elastic band found on the comfort padding.

- Replace the internal comfort padding by following the specific instructions found in the helmet user manual.

Warning:

- Always verify the proper length of your chinstrap and adjust it if necessary, referring to the specific helmet instructions.
- After the B902 is installed on the helmet, make sure the microphone is properly positioned in front of your mouth, if necessary adjusting the moveable element.
- The wind protector, supplied as standard equipment with helmets that can be opened, may make it more difficult to open and close the chin guard when the microphone is installed.

REMOVING THE SYSTEM

To remove the system from the helmet, proceed as for the installation, by removing the various parts.

Important: to remove the keypad, proceed as follows.

- Remove the keypad from the helmet shell (Fig. 48).
- Remove the Flex of the keypad from the connector found on the e-box (Fig. 49).
- Now completely remove the keypad from the helmet.
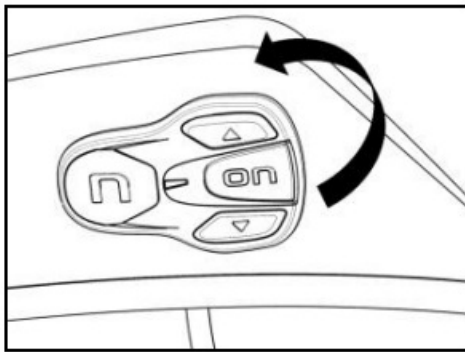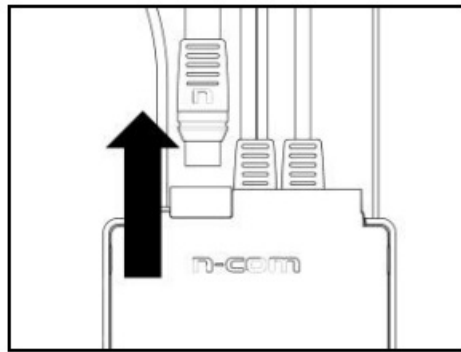
Fig. 48   Fig. 49

The keypad can be removed in case you decide to no longer use the system. However, it cannot be reused again as it will have lost its adhesive properties. Contact your local dealer to purchase a new keypad double sided-adhesive tape that will stick properly to the helmet shell.

BASIC FUNCTIONS

Note: Before using the N-Com device for the first time, recharge the battery completely for at least 10 hours. To obtain best performance from the battery, it is recommended to completely recharge the battery the first few times. Afterwards, you can recharge the battery for shorter periods. Whenever possible, it is best to recharge the battery completely.

- **System ON**

  Press "ON" and keep it pressed for about 2 seconds, until the LEDs turn on and you hear the voice announcement.

- **System OFF**

  Press "ON" and keep it pressed for about 4 seconds, until the LEDs turn off and you hear the voice

announcement.

Volume adjustment
You can easily adjust the volume by tapping the "Δ" or the "∇" key. You will hear a beep when the volume reaches the maximum or minimum level. Some volume parameters can be adjusted through the N-Com EASYSET APP for smartphone or the N-Com EASYSET computer program (chapter 4.4).

N.B.: The volume level set during the trip is not stored when the system is turned off. Each time the N-Com system is switched on, the audio goes back to the set default volume level.

Auto On / Off function
If the helmet does no move for more than 120 seconds, the M951 system goes into "deep sleep" mode. The system is completely turned on as soon as movement is detected. If the system is in "deep sleep" mode for more than 3 days, it turns off completely. To turn it back on, the "ON" key need to be pressed. The "Auto On / Off" function is enabled by default on the device. You can enable / disable the function from the Configuration Menu (Chapter 6).

Multi-language voice messages
The N-Com system offers voice prompts providing system information and confirmation of which functions are activated or deactivated. The default language is English.

It is possible to change the language as follows:

- **Via the N-Com system**
    - Select Configuration Menu: with the N-Com already switched on, press and hold the "Δ" and "∇" keys simultaneously, until the red LED light appears.
    - Press the "Δ" key until you find "Language" mode.
    - Press the "ON" key to access the list of available languages.
    - Press the "Δ" and "∇" keys to navigate between the various languages. When you find the language you require, press the "**ON**" key to confirm your choice. A voice prompt in your chosen language will confirm its selection.
- **Via the smartphone N-Com EASY SET app**
    - Access the Basic Settings menu and under "Language" select your chosen language from the dropdown menu.
- **Via your computer using the N-Com EASY SET program**
    - Connect the N-Com system to the N-Com EASYSET program.
    - Select the Settings menu and under the heading "Language", select your chosen language from the drop-down menu.

Available languages: English, Italian, French, German, Spanish, Dutch, Polish, Slovenian.

The default function is enabled on the device. You can enable / disable the "VOICE ANNOUNCEMENTS" function by using the N-Com EASYSET program or the N-Com EASYSET APP.

N-Com EASYSET

- "N-Com EASYSET" is the application that can be used to manage and configure the M951 system. The program can be downloaded from the Internet site **www.n-com.it**, in the "Support/Download" section. The functions that can also be managed from the N-Com EASYSET are listed here below with the specific icon.

- The N-Com system can be managed from the dedicated App "N-Com EASY SET", which makes it possible to configure the N-Com system directly from your Smartphone. The N-Com APP can be downloaded free of charge from Google Play or Apple Store. For additional details, please visit the website **www.n-com.it** The functions that can also be managed from the N-Com EASYSET App are listed here below with the specific icon

Updating the firmware
Firmware updates for the N-Com system can be installed using the N-Com EASYSET program on your computer, or the N-Com EASYSET app on your smartphone.

- **Via your computer with the N-Com EASY SET program**
    - Download the N-Com EASYSET program from the N-Com website – in the "Support"/"Download"/"Software" section.
    - Hook up the N-Com system to the computer and open the N-Com EASYSET program.
    - Follow the directions until the program recognises the N-Com system.
    - From the screen "FIRMWARE UPDATE", select the desired language from the drop-down menu.
    - Click on "DOWNLOAD" and save the file in the computer.
    - Click on "UPDATE" and wait for the firmware update to end.
- **Via the N-Com EASYSET app for smartphones**
    - Download and install the N-Com EASYSET app from Google Play or Apple Store.
    - Pair and connect the telephone to the N-Com system (section 7).
    - On opening, the app recognizes the firmware version installed on the N-Com system. If an update is available, follow the directions provided by the app.

The release notes of the last Firmware version can be found on the website **www.n-com.it** – in the "Support"/"Download"/"Software" section.

PAIRING UP MENU

All the Bluetooth pairing up operations are carried out in this mode. In order to access the Pairing up Menu starting with the N-Com system switched off, press the "ON" key and keep it pressed for 4 seconds.

Once in the "Pairing up" menu, press the keys"Δ" and "∇" to scroll through the various menu items. In the items marked with an "*", it is possible to enable/disable the function by pressing the "**ON**" key to confirm.

The following items make up the "Pairing up" menu:

1. Mobile phone pairing (chapter 7)
2. Group MeshTM pairing (chapter 15)
3. Second mobile phone pairing (chapter 8)
4. GPS pairing up (chapter 12)
5. Remote control pairing (chapter 17)
6. Delete Group MeshTM*

   In order to delete a Group MeshTM previously stored in the device, press the key "Δ" or "∇" until you hear the voice announcement "Delete Group MeshTM". Press the "ON" confirmation key to delete all Bluetooth devices stored in memory.
7. Delete Bluetooth Pairings

   In order to delete all Bluetooth pair-ups stored in the device, press the key "Δ" or "∇" until you hear the voice announcement "Delete Bluetooth pairings". Press the "ON" confirmation key to delete all Bluetooth devices stored in memory.
8. Exiting the configuration*

   To exit the "Pairing up" menu, press the key "Δ" or "∇" until you hear the voice announcement "Exit the configuration". Press the "ON" confirmation key to exit the "Pairing up" menu.

If no key is pressed within 15 seconds, the device automatically exits the "Pairing up" menu.

CONFIGURATION MENU

- All the settings of the N-Com system are carried out in this mode.
- To access the Configuration Menu starting with the N-Com switched on, press the keys "Δ" and "∇" for 4 seconds.
- Once in the "Configuration" menu, press the keys"Δ" and "∇" to scroll through the various menu items.
- In the items marked with an "*", it is possible to enable / disable the function by pressing the "ON" key to confirm.

The following items make up the "Configuration" menu:

1. Speed dial* (chapter 9.1)
2. Auto On / Off (chapter 4.2)
3. Audio boost*

   By enabling the "Audio boost" (Audio Boost), all the audio sources inside the device will be reproduced at a higher and potentially less clear volume. Press the "ON" confirmation key to enable / disable the function, which is not enabled by default on the device.
4. Language
5. Reset*

   In order to restore the factory settings of the device, press the key "Δ" or "∇" until you hear the voice message "Factory Reset". Press the "ON" confirmation key to restore all the factory settings of the device.
6. Exiting the configuration*

   To exit the "Configuration" menu, press the key "Δ" or "∇" until you hear the voice announcement "Exit the configuration". Press the "ON" confirmation key to exit the "Configuration" menu.

If no key is pressed within 15 seconds, the device automatically exits the "Configuration" menu.

MOBILE PHONE / MP3 PLAYER PAIR UP

- Make sure the M951 is turned off.
- Put the system in the "Pairing up" menu: press the "ON" key and keep it pressed for 4 seconds, until you hear the voice announcement "Pairing up Menu".
- Press the key "Δ" to access the "Mobile phone pair up mode".
- Activate the search of Bluetooth devices on the mobile phone.
- Select the N-Com device. If a password is requested, enter 0000 (four zeros).
- Connection between the two devices is established after a few seconds.

N.B.: The affiliation is stored in the helmet and in the cell phone and it is not lost when the two devices are turned off. As a result it needs to be carried out only once.

- **Automatic Connection**

  Once the Bluetooth device has been paired up, connection is automatic when the system is turned on.
- **Manual Connection**

  In case connection is not automatically initiated after a few seconds, you can connect from the Bluetooth device or by pressing "ON" and keep it pressed for about 2 seconds.

SECOND MOBILE PHONE PAIR UP

The M951 system can be hooked up to two phones at the same time. The second phone (secondary device) can receive calls but not make them.

To pair up the second Bluetooth phone (secondary device):

- Make sure the M951 is turned off.
- Put the system in the "Pairing up" menu: press the "ON" key and keep it pressed for 4 seconds, until you hear the voice announcement "Pairing up Menu".
- Press the "Δ"key until you reach the option "Second mobile phone pairing".
- Activate the search of Bluetooth devices on the mobile phone.
- Select the N-Com system from the list. If a password is requested, enter the code 0000 (four zeros).
- After a few seconds, the connection between the two devices is activated.

N.B.: The affiliation is stored in the helmet and in the cell phone and it is not lost when the two devices are turned off. As a result it needs to be carried out only once. Once the Bluetooth device has been paired up, connection is automatic when the system is turned on.

MOBILE PHONE

To pair up a mobile phone to the M951 system, follow the procedure illustrated in Chapter 7.

Answering a phone call	Briefly press any key when you hear the incoming call signal.
Vocal answer (VOX phone)	When you hear the ringtone, say any word out loud. You can enable / disable the "VOX phone" function by using the N-Com EASYSET program or the N-Com EASYSET APP. The function is not active during the intercom connection.
Voice call	Press "**ON**" and keep it pressed for about 2 seconds.
Hanging up/rejecting a phone call	Press "**ON**" and keep it pressed for about 2 seconds.
Manual phone connection	Press "**ON**" and keep it pressed for about 2 seconds.

Speed dial
Using the N-Com EASYSET program or the N-Com EASYSET App, you can store up to 3 of your favourite numbers, which you will be able to dial from the "Speed Dial" menu.

Saving the Speed Dial numbers
To assign one or more speed dialing numbers:

- To access the Configuration Menu starting with the N-Com switched on, press the keys "Δ" and "∇" for 4 seconds.
- Press the "Δ" or "∇" key until you hear the voice command "Speed dial ".
- Press the "ON" confirmation key. You will hear the voice announcements "Speed dial 1" and "Phone connected".
- Press the keys "Δ" or "∇" to select the speed dialling number to be assigned. The saved position is confirmed by the voice announcement "Speed dial 1" / "Speed dial 2" / "Speed dial 3".
- On your own mobile phone (paired up and connected to the N-Com system), call the phone number you wish to assign to the selected speed dialling position. The call is interrupted before it goes through, and the selected number will be saved; at this point you will hear the special voice announcement confirming the selection ("Save Speed Dial 1" / "Save Speed Dial 2" / "Save Speed Dial 3").

Using the stored numbers
To access the "Speed Dial" menu, press at the same time the "ON" and "**ON**" keys ("Speed Dial"), then use the keys "Δ" and "∇" to scroll through the menu items.

Then press the "ON" key to confirm the selection of one of the following items:

- Last number redial
- Speed Dial 1
- Speed Dial 2
- Speed Dial 3
- Cancelled

If you wish to exit the "Speed Dial" menu, press the "Δ" and "∇" keys until you hear the command "Cancelled", then press "ON" to confirm.

N.B.: If no key is pressed within 15 seconds, the system exits the "Speed Dial" menu.

MUSIC VIA BLUETOOTH

To pair up an Mp3 device to the M951 system, follow the procedure illustrated in Chapter 7.

Play music (Play)	Briefly press "**ON**".
Pause function (Pause)	When the player is connected and playing music, briefly press "**ON**".
Next track (Skip)	When the player is playing music, press "Δ" for about 2 seconds.
Previous track (Rew)	When the player is playing music, press "∇" for about 2 seconds.

NAVIGATOR PAIR UP

M951 system is compatible with the most common satellite navigators for motorcycles. For a list of compatible models and additional details, visit the website **www.n-com.it**

- Make sure the M951 is turned off.
- Put the system in the "Pairing up" menu: press the "ON" key and keep it pressed for 4 seconds, until you hear the voice announcement "Pairing up Menu".
- Press the "Δ"key until you reach the option "GPS Pairing".
- Activate the search of Bluetooth devices on the navigator.
- Select the N-Com system from the list. If a password is requested, enter the code 0000 (four zeros).
- After a few seconds, the connection between the two devices is activated.

N.B.:

- The pair up is stored by both the helmet and the navigator hence it is not lost when they are switched off. This means that this procedure needs to be carried out only once. Once the Bluetooth device has been paired up, connection is automatic when the system is turned on.
- Intercom connection is automatically cut off every time the navigator gives directions and restored at the end of the message from the navigator. Should you wish to keep the navigator audio active even during the intercom connection, please refer to chapter 14 "Audio Multitasking".

AUDIO MULTITASKING

The Audio Multitasking function makes it possible to music during Mesh IntercomTM communication

Notes:
The Audio Multitasking function is always enabled.

Adjusting the volumes

- Increasing or decreasing the volume of the foreground audio also increases or decreases the volume of the background audio.
- The volume of the foreground audio can be adjusted through the N-Com system (chapter 4.1).
- The volume of the background audio can be adjusted through the N-Com EASYSET APP (with the Audio Multitasking function enabled). The background volume is pre-set at level 5.

GROUP MESHTM

With Group MeshTM, users can freely communicate with each other in the same private group in Group Mesh. For closed intercom conversations using Mesh Intercom, a Group Mesh needs to be created by the users. Up to 24 users can all be connected in each private group.

Group MeshTM pairing up
Important: The procedure described below refers exclusively to the pairing up between the "600"/"900" series N-Com systems.

- Make sure the systems are turned off.
- Put the systems in "Pairing up" menu: press the "ON" key and keep it pressed for 4 seconds, until you hear the voice announcement "Pairing up Menu".
- On both systems, press the key "Δ" until you reach the option "Group MeshTM pairing". The Intercom connection is automatically activated at the end of the pair up procedure.

Joining an existing Group MeshTM
Further users can be added to the Group MeshTM by carrying out the same procedure explained in section 12.1 with one of the users who already belong to the group.

OPEN MESHTM

Open Mesh is an open group intercom function. Users can freely communicate with each other in the same Open Mesh channel and select which channel (1-9) to use through the headset. It can connect with a virtually unlimited number of users in each channel. Open Mesh does not require any pairing procedure. It can be enabled by tapping twice the N button to start a communication in the pre-set channel.

Open MeshTM channel selection
To select one of the nine Open MeshTM channels:

- Keep "n" key pressed for 3 seconds;
- Press the "Δ" or "∇" key to select the channel;
- Press "ON" key to confirm the selection.

REMOTE CONTROL

The M951 device can be controlled by using a remote control (sold separately), so that you do not have to take your hands off the handlebars to use the keypad. The N-Com system is compatible with the RC4 Remote Control by SENA.

The following table shows the correspondence of the keys:

N-COM SYSTEM	▲	▼	ON	N
SENA RC4	+	–	CENTRAL KEY	MULTI-FUNCTION KEY

Proceed as follows to pair up the N-Com system to the RC4 Remote Control:

- Make sure the RC4 is switched off.
- Put the RC4 in pair up mode: press the key "+" and keep it pressed for about 8 seconds.
- Make sure the M951 is switched off.
- Put the M951 system in the "Pairing up" menu: press the "ON" key and keep it pressed for 4 seconds, until you hear the voice announcement "Pairing up Menu".
- Press the "▲" key to access the "Remote control pair up" mode.
- Press the "ON" key on the N-Com system keypad.
- After a few seconds, the connection between the two devices is confirmed by the voice announcement "Remote control connected".

N.B.: The affiliation is saved by both the helmet and the remote control and it is not lost when the two systems are turned off. Hence this procedure must only be carried out once.

BATTERY AND RECHARGE

Low battery signal
During its operation, the system alerts the user with a voice message when the battery is low. From the first message, the system has a 1-hour autonomy. Warning is given every 10 minute.

Checking the Battery Level

LED Indicator
When the system is powering on, their blue LED flashes rapidly indicating the battery level.

- 4 flashes = High, 70 ~ 100%
- 3 flashes = Medium, 30 ~ 70%
- 2 flashes = Low, 0 ~ 30%

Vocal Indicator
Starting from the system turned off, press at the same time the "ON" and "▲" keys for about 3 seconds until you hear three, high toned beeps. Then you will hear a voice prompt indicating the battery level. However, if you release the keys as soon as the system turns on, you will not hear a voice prompt for the battery level indication.
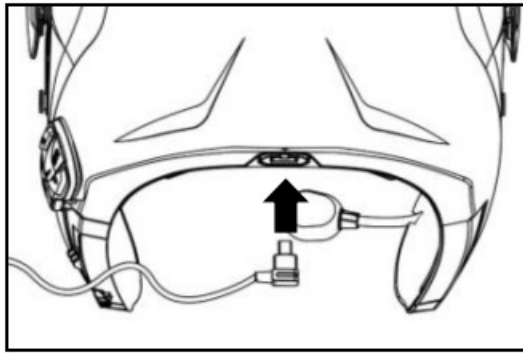
Charging the system

Fig. 29

To charge the system, hook it up to the battery charger supplied as standard equipment or to a USB outlet powered with the USB-mini USB cable supplied as standard equipment.

The charge will take place as follows:

- **M951 system turned off**

  When the M951 system is connected to the battery charger, the blue LED starts to flash quickly. When the battery is charged, the blue LED becomes steady.

- **M951 system turned on**

  When the M951 system is connected to the battery charger, the blue LED starts to flash quickly. When the battery is charged, the blue LED goes back to its standard flashing.

N.B.:

- In case you are not planning on using the N-Com system for a long time, you need to fully recharge the device before storing it away.
- In case the device is not used for a long time, carry out a complete recharging cycle of the device at least once every 6 months to avoid possible damage to the battery.
- In case the N-Com system is left for more than 6 months without ever being recharged, the device may not switch on; in this case, recharge the N-Com system for at least 24 hours (even if the blue signalling LED is not flashing), then try to switch on the device again.

SUMMARY TABLE OF CONTROLS

Key	n	ON	▲	▼	▲ + ▼
Basic Functions Turning on		2 sec			
Turning off		4 sec			
Increase Volume			X		
Decrease Volume				X	
Pairing up Menu***		4 sec			
Configuration Menu					4 sec
Bluetooth Devices Answer phone call*	X	X	X	X	
Voice call		2 sec			
Speed Dialling Menu**	X	X			
Hang up/reject a phone call		2 sec			
Manual Device Connection		2 sec			
Bluetooth Music Play music (Play)		X			
Pause Function (Pause)		X			
Next track (Forward)			2 sec		
Previous track (REW)				2 sec	
N-Com MESH Connection to Open MeshTM	x2				
Disconnection from Open MeshTM	x2				
Open MeshTM channel selection	3 sec				
Group MeshTM connection	X				
Group MeshTM disconnection	X				
Mic On/Off (After Mesh On)	2 sec			2 sec	
Group Mesh pairing	5 sec				

1. Press any key on the N-Com keypad.
2. Press the keys at the same time.
3. Starting with the system switched off.

Certification and Safety Approvals FCC Compliance Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antennae
- Increase the separation between the equipment and the receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF Exposure Statement
This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. When equipped, the distance between antenna and one's head surface is 37.8mm.

FCC Caution
Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

Industry Canada(IC) Statement
This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

FAQ

Q: How long does it take for the adhesive keypad to stick completely?
A: It takes up to 24 hours for the keypad to stick completely. During this time, avoid exposing the helmet to atmospheric agents.

Q: What should I do if the N-Com system does not work after installation?
A: If the system does not work, remove the flex and repeat the installation process, ensuring correct positioning as shown in Fig. 6.

Documents / Resources

[Nolangroup M951 Xseries N Com Helmet](#) [pdf] Instruction Manual
M951 Xseries, M951 Xseries N Com Helmet, N Com Helmet, Helmet

References

- [**User Manual**](#)