



MIDLAND C1502 BTRush Mesh and Bluetooth Conference System User Guide

[Home](#) » [MIDLAND](#) » MIDLAND C1502 BTRush Mesh and Bluetooth Conference System User Guide 

Contents

- [1 MIDLAND C1502 BTRush Mesh and Bluetooth Conference System](#)
- [2 Main features](#)
- [3 Unit and fixing system description](#)
- [4 Using your Midland BT Rush](#)
- [5 Documents / Resources](#)
- [6 Related Posts](#)



MIDLAND C1502 BTRush Mesh and Bluetooth Conference System



BT Rush

Dual core Mesh and Bluetooth intercom system

BT Rush is Motorbike intercom system solution with Dual Core communication system:

Mesh group communication with real background stereo audio and Bluetooth Intercom communication for Bluetooth solution and Downward compatibility with other device in the market. The design is very slim and aerodynamic, all the main functions are easy to operate thanks to the three big buttons placed on the front of the unit. Midland BT Rush uses the new “MAGic Lock” magnetic fixing system with adhesive plate or clip mounting clamp.

Main features

- There is no need to perform a pairing procedure to start a Mesh communication, you only need to be sure that each unit has a different ID number. All the main configuration can be done using the BTPro Set APP for iOS and Android.
- Mesh Conference mode, for group communication up to 10 people talking in full duplex and 99 people or more listening. Max distance up to 1.4Km (the riders must be always in sight).
- Mesh Dynamic Repeat mode for group communication up to 6 people talking in full duplex and 99 or more people listening. Max distance: up to 3.5Km (the riders must be always in sight).
- Unlimited Guest users only listening in the Mesh group.
- Bluetooth Intercom communication system for downward compatibility.
- “Bridge” function, to have the Mesh communication together with the Bluetooth Intercom.
- When the “Bridge” is on, the Bluetooth Intercom is limited to Driver and Passenger communication
- Mesh communication is simply open pressing the Control (CTRL) button on your device. Every user must open the Mesh communication on each own unit
- Bluetooth communication can be opened either with VOX or pressing Upward or Downward button (depending on which button the pairing has been done).
- It is possible to pair two Bluetooth devices on Vol+ and Vol-. For example two phones or one phone and one GPS.
- The pairing on Vol+ supports mono and stereo (A2DP) audio protocol and is best indicated for the phone or motorbike dash board system. The pairing on Vol- supports only mono protocol (HFP) and is indicated for the

GPS.

- Firmware update via USB type C connection to PC and Mac
- All the main configuration of the unit is done using the app “BTSetAPP” for iOS and Android.

Midland BT Rush is available in two versions:

- Single Midland BT Rush Intercom kit with one unit only
- Twin Midland BT Rush Intercom kit with two units

The units included in the TWIN kit are already set for Mesh communication therefore can be immediately used in Intercom.

Technical specifications of Midland BT Rush

General:

- Bluetooth ver. 4.2/5.0 Stereo (Handsfree/A2DP/AVRCP protocol)
- Frequency 2.4GHz – Max power 100 mW
- Dual core for real Stereo Background over Mesh communication
- AGC to automatically control the volume in relation to background noise
- Voice (VOX) or manual communications activation on Bluetooth Intercom
- FM Radio with RDS
- Lithium battery with 20 hours talk time in Bluetooth intercom and 15 hours in Mesh mode
- Recharge time: app. 2 hours
- Recharging and updating through USB type C port
- Fully waterproof

Charging batteries

Attention: Make sure that the unit is fully charged before use. Allow at least 3 hours for a full charge before using the unit for the first time. Charge the unit by inserting the USB charger cable into the charging socket (lift the rubber cover to insert the plug). The Red LED on the unit will start flashing when charging begins.

Allow the headset to charge until the unit stops flashing and the Blue LED turns on. When the charge is complete (the Blue LED is on), release the headset from the charger. Normally, after the first time, it takes 2 hours for a full charge.

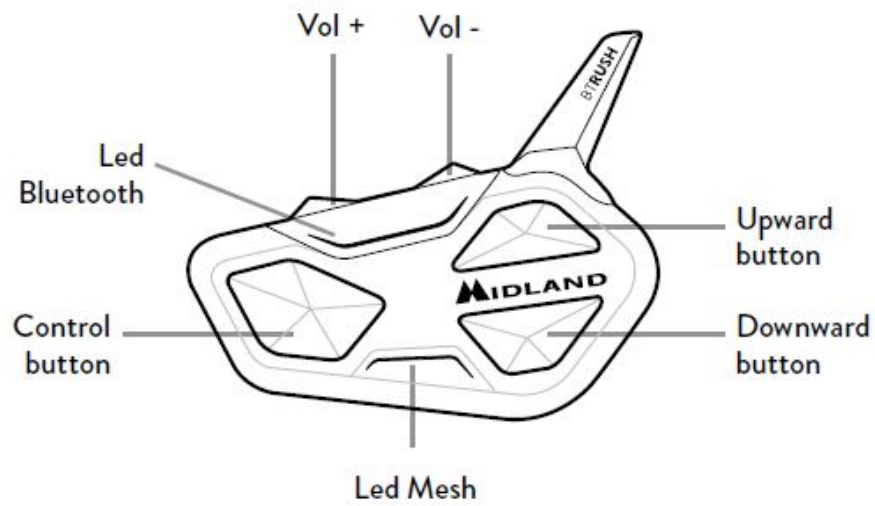
Attention: Midland BT Rush is designed to withstand rain and water. However, if it is raining, always verify that the rubber cap protecting the recharging sockets is fully fitted.

Attention: every time the USB type C recharging plug is inserted, the device is automatically turned off. To use it while it is in charge, you should turn the device on with the plug already inserted.

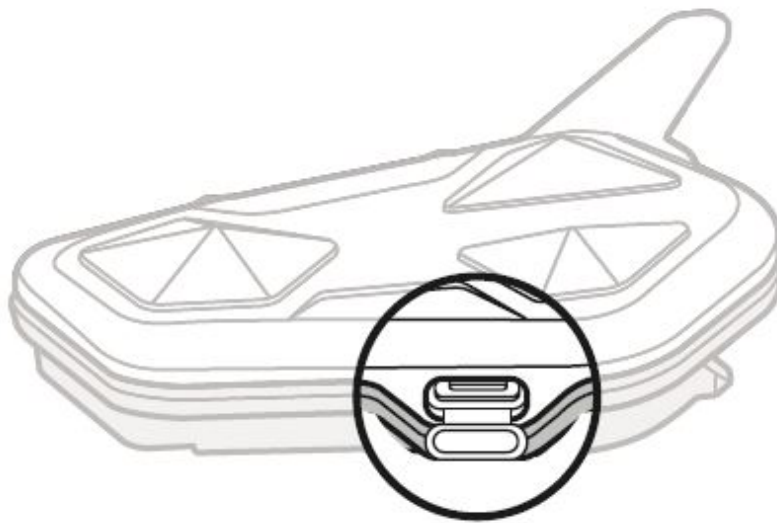
Unit and fixing system description

BT Rush description

The BT Rush has 3 multi functions buttons on the front of the unit: Control (CTRL), Upward (Up) and Downward (Down). In addition 2 more buttons on the top of the unit: Volume + (Vol+) and Volume – (Vol-).

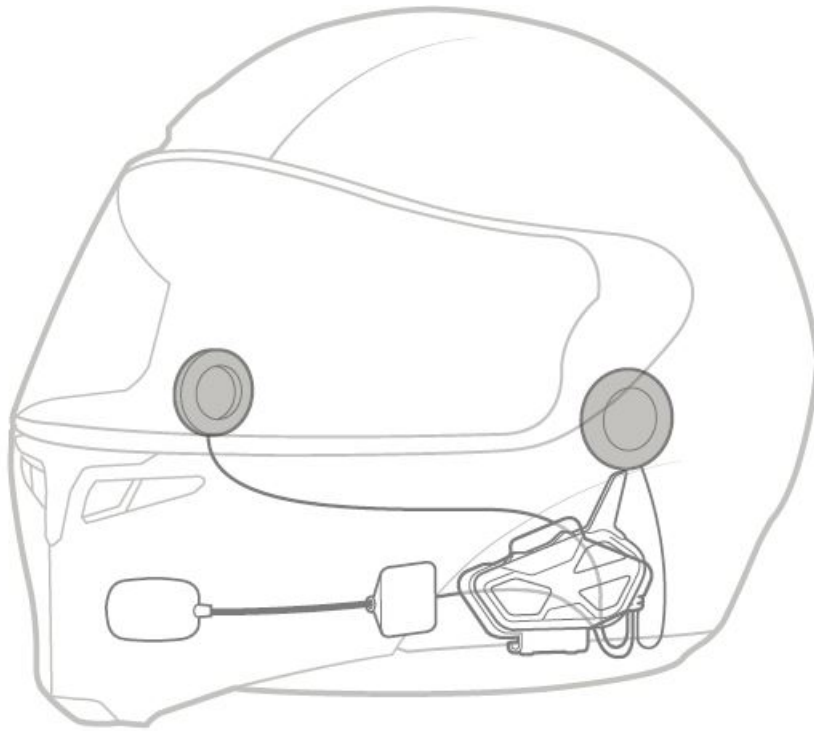


On the bottom of the unit you can find the Charger jack that enables to recharge the unit using a standard USB type C.



Description of the audio kit

The audio system includes two RCF 40 mm speakers and two interchangeable microphones, which are both supplied with a bracket and wired connection. The mini connector on the microphone allows you to choose the microphone that best suits the helmet you are using.



Fixing the RCF HiFi stereo speakers

The two stereo speakers have a Velcro/adhesive strip that aids their fixing into your helmet. Beware not to keep the volume too high, you must always be able to listen to the traffic sound.

Fixing the microphone

Boom Microphone

Place the section with the Velcro/adhesive strip between the padding and the rigid cover of the helmet, so that the microphone is correctly positioned in front of your mouth and that the white symbol is facing your mouth. This type of microphone is suited for Open Faced and Flip Front helmets.

Wired microphone

Using the Velcro/adhesive strip, place the microphone inside the helmet in front of your mouth. This type of microphone is more suited for Full Faced helmets. The mini connector on the microphone allows you choose the microphone that best suits the helmet you are using.

Description of the MAGNETIC mounting kit

The Midland BT Rush can be fixed onto the helmet, installing the Magnetic mounting kit in two different ways: By either using the plate with Adhesive strip, or the Clip Clamp. These methods allow you to safely “fix” the BT Rush unit onto your helmet and to remove it at any time in order to recharge or store it.

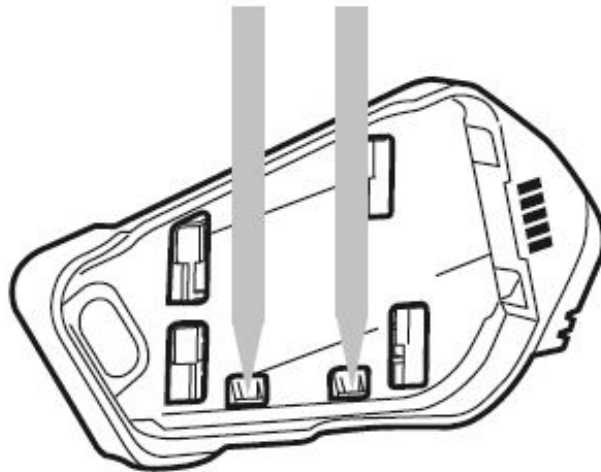
Plate with Adhesive strip

The Adhesive plate is already assembled on the Magnetic mounting kit. Clean the application area on the left side of the helmet surface, fold the two little wings to better stick to the curved surface of the helmet, remove the bi-adhesive film and place the fixing plate on the helmet by keeping it contact with the surface for 10 seconds.



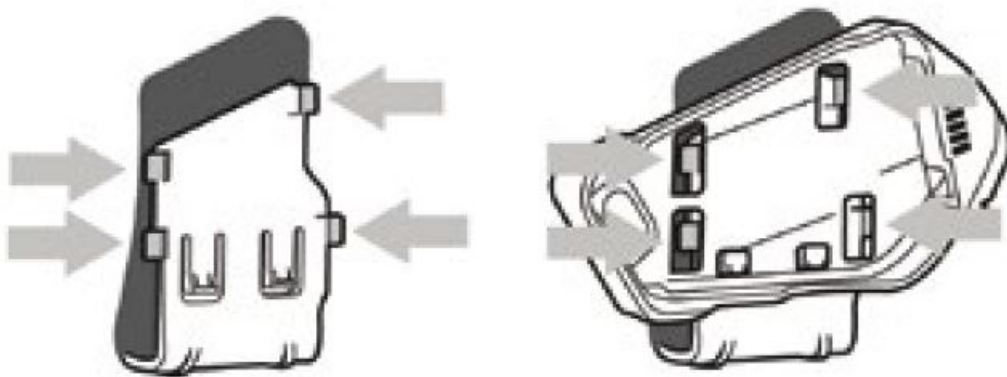
How to change the mounting kit system.

Remove the Adhesive plate from the Magnetic mount by pressing the two levers (with a small tool) and slide it out upward.



Clip Clamp

Place the clip clamp on the back of the Magnetic mount, insert the 4 fixing point in the appropriate holes and slide downward.



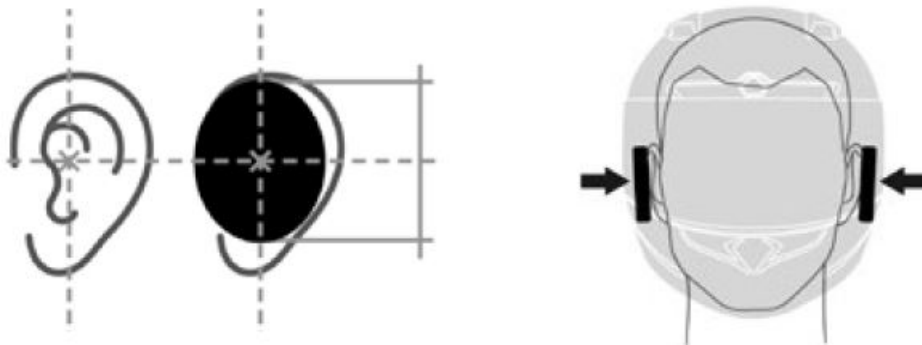
Insert the Clip Clamp between the helmet and the inner padding on the left side of the helmet.



Speakers

The speakers' positioning is the most important point of the installation procedure.

Attention: for the best sound clarity it is very important to place the speakers in correspondance with the centre of your ears and as close as possible (the speakers must almost touch your ears). In case of need, use the supplied spacers to better fit the speakers closer to your ears. The recesses of the speakers designed into the helmets are not always placed in the best location for you. Please be sure to fix speakers properly.



RCF cushion

To improve the sound experience, you can use the RCF cushions supplied in the package. They can be installed or removed afterwards.

Attention: although the RCF cushions have been designed to guarantee a high-level comfort, please verify that there's enough space into your helmet and that they can fit well.

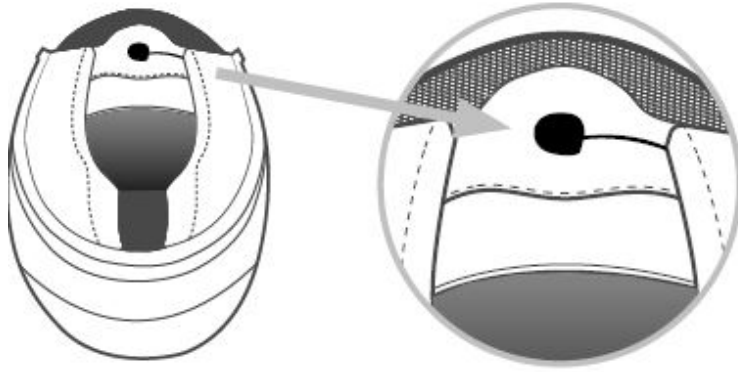


Microphones

Wired microphone for full face helmets: place the microphone in front of your mouth.

Boom microphone for modular/jet helmets: fix the mike on the left side and keep the sponge as closely as

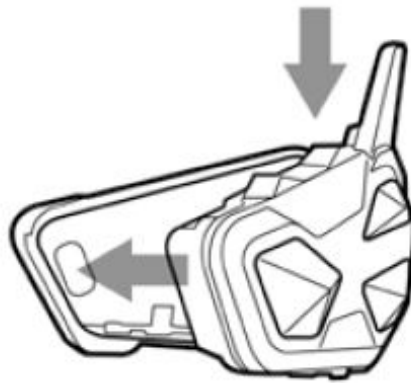
possible to your mouth (white symbol in front of your mouth).



Lock/unlock

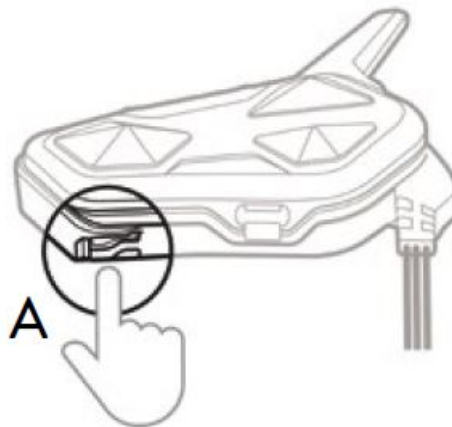
To fix MIDLAND BT RUSH to the MAGic LOCK mount:

Insert at first the rear side of BT RUSH into the mount by tilting the unit of 45° and then bring nearer the fore side: the strong magnet will lock safely BT Rush.



To unlock MIDLAND BT RUSH:

press the bottom on the bottom side of the clip (A) and pull out the device.



Using your Midland BT Rush

Switching the unit on

Press and hold Control button for approximately 3 seconds until the Blue indicator lights. You will hear a beep sound of the speakers.

Switching the unit off

Press and hold both Control and Downward buttons together for approximately 3 seconds until the Red indicator flashes 3 times, thus lessening the chances that you might turn off the unit accidentally (especially if you are wearing gloves).

Operative “mode”

The BT Rush can operate in three main “modes”: Intercom, Phone and FM Radio. The 3 multi function buttons can have different functionality depending on which mode the unit is at that moment.

- In “Intercom mode” the three buttons let you manage the Mesh and Bluetooth Intercom communications between driver and passenger or bike to bike.
- In “Phone mode” you can manage your Bluetooth mobile phone to place/answer a phone call or to listen to the music. The Phone mode is available only if it was previously paired to a phone.
- In “FM Radio mode” you can listen to your favourite radio station in stereo, seek for a specific radio station and save it (6 memories are available). You can switch (toggle) from one mode to the other simply pressing the Control button for 3 seconds. A voice announcement will tell in which mode you are on.

The toggle sequence is the following:

- Intercom mode
- FM Radio
- Phone mode (if a phone has been paired)

Every time you turn on the unit, the default mode is the latest used. If you need to know in which mode the unit currently is, just short press the Vol+ and Vol- button together. A voice announcement will tell you the current mode.

Volume

Adjusting the volume

The volume setting is independent for each audio source: intercom, stereo music, phone call, FM radio. It is possible to manually adjust the volume of each audio source by means of the Vol+ and Vol- buttons while a single audio is active. While riding the BT Rush uses AGC technology, to automatically adjust the listening volume in relation to background noises.

Set up of the AGC system

You can enable/disable or adjust the sensitivity (High-Medium-Low) of the AGC system using the smartphone “BT SET-APP” application. You can choose different sensitivity based on your motorbike type (naked, touring, sport). You can disable the AGC system also pressing Vol+ and Vol- together for 3 sec on your unit.

Here is an example of the main functionality of the buttons based on which mode is active.

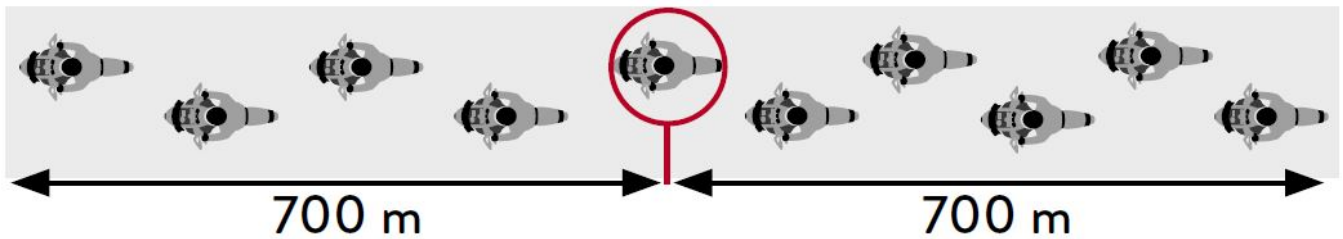
Mode	Upward	Control button	Downward
Mesh	Open/close the BT intercom to a rider	Open/close the Mesh group communication	Open/close BT intercom to a rider
Phone	Start Voice dial, accept or reject incoming call on “Vol+”		Start Voice dial, accept or reject incoming call on “Vol-”
Phone (while music play)	Forward the song	Play/pause	Downward the song
FM Radio	Scan up	FM Radio On/off	Scan down

BT Rush group communication mode

BT Rush allows two different group communication modes: “Mesh Conference group” and “Mesh Dynamic Repeat group”.

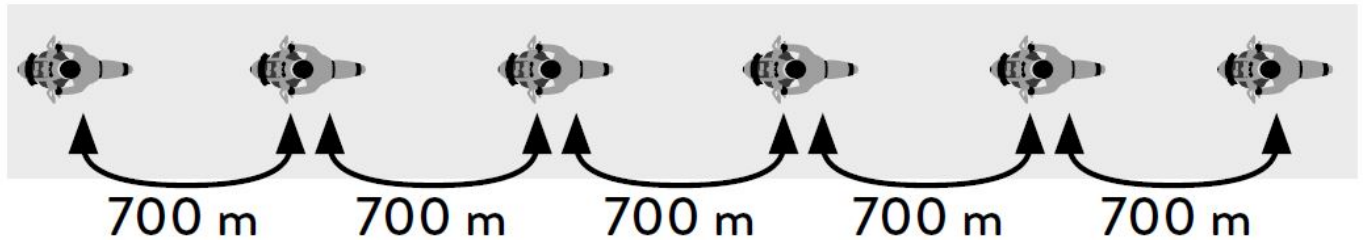
Mesh Conference group

Allows the possibility to talk in 10 people at the same time with any BT Rush unit just out of the box. No special pairing is required. You can have 10 people talking at the same time and reach 1.4 Km diameter Mesh distance if you are in line of sight without obstructions and interferences (the riders must be always in sight).



Mesh Dynamic Repeat group

This is a special setting that allows the possibility to extend the distance range but only for 6 people talking at the same time. No special pairing is required. You can have 6 people talking at the same time and reach 3.5 Km Mesh distance because each unit can relay to each other and extend the maximum distance.



Attention: the unit in Conference mode can not talk to the unit in Dynamic Repeat mode.

Midland BT Rush ID number Setup Mode

There is no need to perform a pairing procedure to start a Mesh communication, you only need to be sure that each unit has a different ID number.

Follow this simple procedure:

1. Turn on the unit.
2. Be sure to be in Intercom mode
3. Press shortly together Vol+ and Vol- buttons (the LED light will flash in Green color).
4. You will hear a voice telling you “Mesh” and your ID number.
5. Now you have 5 sec to press Vol+ or Vol- to change the number from 1 to 10 when you are in Conference mode or from 1 to 6 when you are in Dynamic Repeat mode.
6. Change each ID number and be sure that all users in the group have different ID number Now you can start the Mesh communication.

How to open the Mesh communication

To use the Mesh feature, be sure that all units have a different ID number and you are in Intercom mode, then you need to press shortly the Control button and you will hear the voice “Mesh on”. Now you can talk with all other units in range that have the Mesh active as well.

- When the Mesh is active in “Conference” mode the LED light will toggle between Green and Blue
- When the Mesh is active in “Dynamic Repeat” mode the LED light will toggle between Green and Red

How to close the Mesh communication

Be sure you are in Intercom mode, just press again the Control button and the mesh communication will be closed a voice will tell “Mesh disable”.

Attention: In order to communicate in Mesh mode, each user needs to open the Mesh on his own unit. If the Mesh communication is closed, it is not possible for the other users of the group to talk to you until you reopen it again.

Toggle between “Conference” group and “Dynamic Repeat” group

1. Be sure you are in Mesh mode
2. Press Upward and Control buttons together
3. The voice will tell you “Conference”
4. Press again Upward and Control buttons together
5. The voice will tell you “ Dynamic Repeat”
 - When the unit is in “Conference group”, the LED light will flash Blue and Green color.
 - When the unit is in “Dynamic Repeat group”, the LED light will flash WHITE color.
 - When you toggle from Conference mode to Dynamic Repeat mode, remember that only the unit with ID number from 1 to 6 can switch to the new mode.

Attention: If one unit is in Dynamic Repeat group and the other is in Conference group, they can not talk together. Be sure that both of them are in the same group mode. If you are not sure, just press together Vol+ and Vol- buttons, and you will hear the voice “Conference group” or “Dynamic Repeat group” according to the current status mode.

BT Rush Guest

In addition to the 10 people talking in a Mesh Conference group, or the 6 people talking in a Dynamic Repeat group, it is possible to add an unlimited number of BT Rush users only in listening mode (Guest user). You can follow the same procedure explained in the “BT Rush ID number Setup” and instead of choosing one of the available numbers, you must choose “Mesh guest”. The voice “Mesh guest” is available either at the end or at the beginning of the number list.

Create a “secure” Mesh communication with Dynamic Repeat

If you want to be sure that nobody else will be able to enter your Mesh Dynamic Repeat group communication, you need to follow a specific pairing procedure to exchange a “secure key” to all units in the Dynamic Repeat group. As first step you need to define one unit as “Master”. This is the unit that will generate the “key” and distribute it to all other users of the group. It is not important which is the master unit , it can be any unit in the group. After the pairing procedure is done, all units will share the same “key”.

1. Turn off all units of the group.
2. Take the unit one by one and press and hold down the Control button about 7 sec., until the Red light is on permanently in all the units.
3. On the unit you choose as “Master” press for 6 seconds the Control button, the Green lights will flash SLOWLY.
4. Now take all the other units of the group, press for 3 seconds the Control button, the Green and Blue lights will flash FAST.
5. The Master unit and all other units in range (10m distance) will now exchange the “key”. When the procedure is finished, the user unit will exit the pairing mode and go back to Red light. If you have no other pairing to do (like phone or GPS) you can make a double click on the Control button to exit and go to working mode (Blue LED flashing).

6. The master unit will keep blinking Green, in case other units need to be paired.
7. If no more unit needs the pairing, just make a double click on Control button of the Master unit to exit the pairing procedure, the Red light will be on permanently. Make a double click again on the Control button to exit and go to working mode (Blue LED flashing). When the pairing procedure is finished and the “Secure” group is created, there is no need of the “Master” unit anymore, so it can be part of the group or missing (turned off) and the Dynamic Repeat group can still work.

Only the units in the “Dynamic Repeat” mode that share the same “secure key” can talk together. Other units “out of the box” can NOT be part of this “Secure” group anymore, unless you pair that unit with a “Master” unit as explained below.

How to add a new unit to an existing Dynamic Repeat secure Mesh group

If you have a new unit which needs to be part of an existing “Dynamic Repeat” secure group, just take one unit from the existing secure group (any unit is good), consider it as a “Master” unit and perform the same pairing procedure explained above only with the new unit. No need to make the pairing procedure again with all units in the group.

Attention: the “secure key” is not used (ignored) when you are in Conference mode.

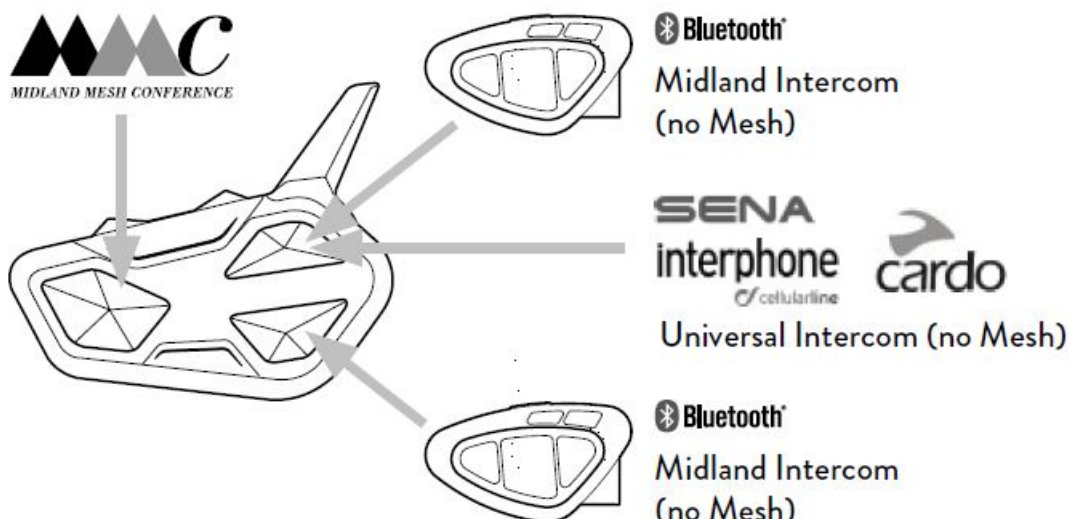
Reset the “secure” key

If you want to delete the Secure key, for example because you have several units and you are not sure which key they have, you must perform a reset and clean up the secure key stored in the unit:

1. Turn off the unit
2. Press and hold down the Control button about 7 sec., until the Red light is on permanently.
3. Now press the Upward and Downward buttons together for 3 seconds, the Green lights will turn on steady and then go back to Red light.
4. Now the “Secure” key is deleted.
5. Make a double click on the Control button to exit and go to working mode (Blue LED flashing).
6. Now you are back to factory default and you don’t have a “secure key” anymore. All units in Dynamic Repeat mode can now talk each other.

Bluetooth Intercom compatibility

The BT Rush is also compatible with Bluetooth Intercom devices. One Midland BT Rush unit can be paired to maximum two other Midland BT units and one Universal Intercom (that means in total 4 units via Bluetooth including your self).



For example you have all Mesh groups active on the Control button and at the same time you can have your passenger paired via Bluetooth to the Upward or to the Downward button . Depending on the setting of the “Bridge” function , you can decide if the Bluetooth Intercom is part of the Mesh communication or not. Please refer to the Bridge setting information in the following pages. Pair the Midland BT Rush to another Midland BT via Bluetooth

To pair the Midland BT Rush to another Midland BT unit, you must first enter the Setup Mode mode:

1. Turn off the unit
2. On the BT Rush press and hold down the Control button about 7 sec., until the Red light is on permanently.
3. Now press one of the two buttons (Upward or Downward) for 3 seconds depending on which button you would like to use to open the intercom on the other units. The Blue and Red lights will flash.
4. On the other Midland BT unit repeat the same procedure using any button available depending on the model (BTPro/BTPro S/BT Rush)
5. When successfully paired, each unit will have the Blue light on for one second and then go back to the Setup Mode mode (Red light always on).
6. Now the unit is ready for another pairing procedure, and you can pair another Midland BT unit following the same procedure, but using a different button.

If you don't have more devices to be paired, you must exit the Setup Mode mode before you can use the units:

- Double click on the Control button, the Red light will turn off and the Blue light will start flashing. You can use now your Midland unit.

How to use the Bluetooth Intercom

To use the intercom feature, be sure that all units are turned on and correctly paired together.

Manual activation in Bluetooth Intercom communication

When in Intercom mode press the button corresponding to the unit you would like to communicate with (Upward and Downward buttons). After some seconds the intercom communication will open. The communication remains active until you press again the same button. To quickly open the intercom to another person, just press the button corresponding to the other unit, the previous intercom will be automatically closed and the new connection will be open (see Table A).

Voice activation (VOX)

The VOX feature allows you to open the Intercom communication simply by saying something. You can use a

simple word like “Intercom” or “Hello Midland” and when the voice will be detected, you will hear the announcement “VOX”.

A- Manual activation			
Mode	Upward button	Control button	Downward button
Mesh	Short press: Open/Close Bluetooth intercom to paired rider	Short press: Open/Close Mesh communication to the group Long press: Change mode Double click: Play music	Short press: Open/Close Bluetooth intercom to paired rider

After some seconds the communication will be opened and will remain active for the time you are talking. If there is no conversation the intercom will be closed after 40 seconds. If needed you can close the intercom manually without waiting 40 seconds (just press the Downward button).

Attention: The Voice activation (VOX) can open the intercom communication only to the unit that was paired with the Downward button and only if the Mesh is not already open.

If needed, you can disable the VOX feature simply by pressing the Downward button for 7 sec. (when you are in Intercom or Phone mode). A voice announcement will advise you when the VOX is disabled. To turn the VOX on again, just press the same button and a voice announcement will advise you that the VOX is now active. This setting is saved also if you turn off the unit.

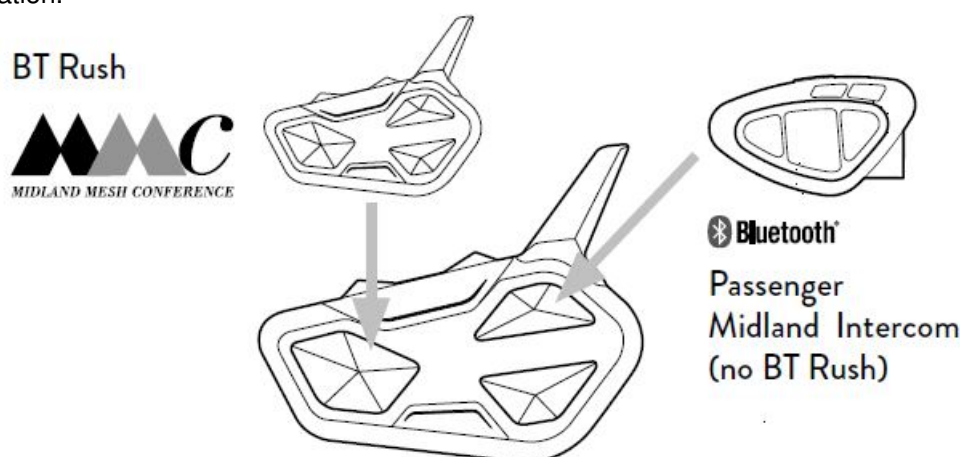
Hint: this feature is very useful when you have a Passenger that has a Midland Bluetooth intercom unit (not a BT Rush) and you like to talk to this person without pressing any button to open the communication.

Unit already busy in a conversation

If you try to open a Bluetooth intercom connection to another person that is already talking with someone else (or busy in a phone conversation), you will hear a “busy” double beep tone. Just wait sometime and try again, maybe this time the “line” is not busy.

Bridge function: Bluetooth Intercom and Mesh together

When you have a BT Rush unit connected, for example, to the Passenger unit via Bluetooth, the Mesh communication can not be opened together with the Bluetooth Intercom communication. Thanks to the “Bridge” function, it is possible to make the Bluetooth Intercom user part of the Mesh group and allow all of them to talk together. The BT Rush units that have also the Bluetooth connected, act as a “bridge” between Bluetooth and Mesh communication.



Bridge mode on

Press Vol+ button for 3 sec., you will hear the voice “Bridge on”. Now all units in the Mesh group and Bluetooth Intercom can talk together.

Bridge mode disable

Press again the Vol+ button and you will hear the voice “Bridge disable”. Now Mesh and Intercom are separate

and you can not have both audio active together. By default is “Bridge on”.

Bluetooth Intercom maximum distance

When the “Bridge” function is on, the maximum distance of the Bluetooth Intercom is limited to “Driver and Passenger”. In this way the BT Rush is compatible with all Bluetooth Midland Intercom devices with less interference to the Mesh communication.

Universal Intercom with different brand units

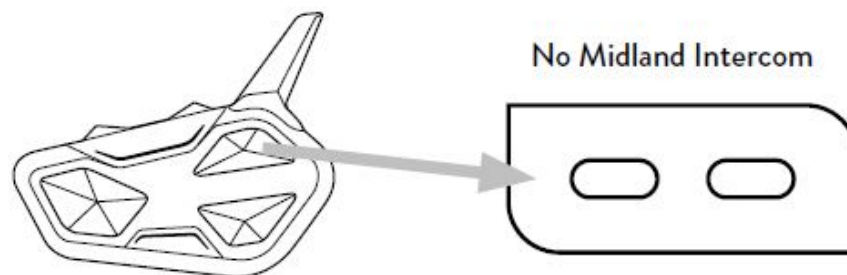
Thanks to the “Talk2 All – Universal Intercom” feature it is now possible to pair your Midland BT Rush to a different brand intercom available on the market.

You can pair non-Midland Intercom devices on the Upward button.

- On the Midland BT Rush enter the Setup Mode mode: (with the unit OFF press and hold down the Control button about 7 sec. until the Red light is on permanently).
- Keep pressed the Upward button for 7 seconds: the Red and Blu LED lights will start flashing fast, then (while you still keep the button pressed) the Red and Blue LED lights will change to slow flashing. Now you can release the button. On the other intercom (non-Midland brand) follow the procedure to pair to a phone, because the BT Rush is paired as a Phone. If successfully paired the Red/Blue lights will stop flashing and the Blue light will slowly flash instead.

Attention: remember to switch OFF all the other Bluetooth devices during the pairing procedure, only the two devices involved in the pairing must be turned on.

- To open the “Universal Intercom” communication on the Midland BT Rush while you are in “Mesh Mode”, press long (3 sec) the Upward button. On the other intercom just press the phone redial or voice dial button. Maybe it will be necessary to press the Voice dial button twice times, depending on the model.

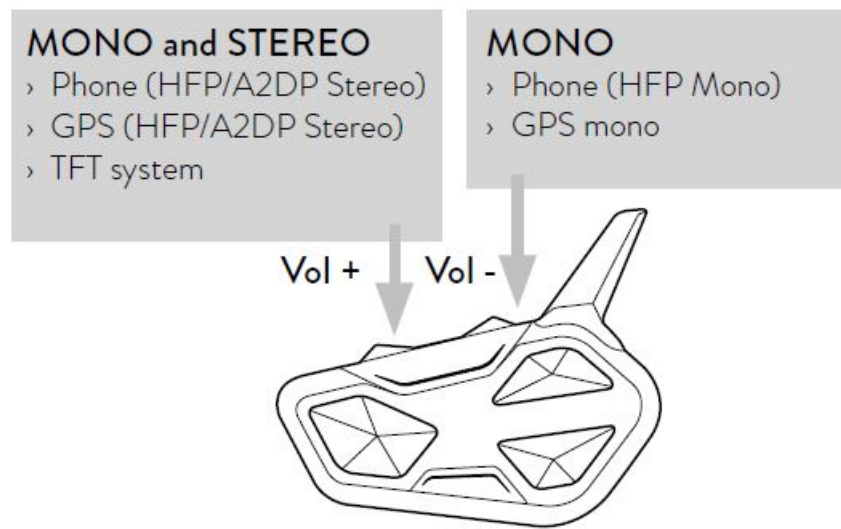


Attention: In order to use the “Universal Intercom” feature the pairing on the other unit must be done as a phone. The other intercom (non-Midland brand) will be able to use a phone only if two phones are supported. You can pair also a Midland unit as Universal Intercom, that means the pairing must be done as a phone (one unit use the Universal Intercom procedure and the other unit use the pairing to “Phone” procedure).

Pairing the Midland BT Rush to phone and GPS navigator/TFT Dashboard

The Midland BT Rush unit can be paired to other Bluetooth devices, like Phone, GPS Navigator. The pairing procedure must be done using the Vol+ or the Vol- buttons.

- Pairing to the Vol+ button: for Phone with music A2DP stereo, GPS Navigator with A2DP audio or Bluetooth TFT system integrated in the motorbike.
- Pairing to the Vol- button: for Phone or GPS Navigator only with mono HFP audio. When a device is paired to the Vol+ or Vol- buttons the “Phone” mode is activated.



Background feature

The BT Rush unit keeps always any audio coming from Vol+ or Vol- pairing always in background to the Mesh communication. In case of Bluetooth Intercom communication instead, you need to take advantage of the “Background” feature to have the audio from the device paired on Vol-, in background.

Background audio on Bluetooth intercom communication

When the Bluetooth Intercom communication is active only the audio source paired to the Vol- can be in background to the Bluetooth Intercom conversation.

All devices paired to Vol+ button have higher priority over the Bluetooth Intercom communication and will interrupt all other audio communications (including FM Radio and Music).

Background setting for Vol- audio over Bluetooth Intercom

1. Keep pressed Vol- button, you will hear the voice “Background on”. Now the audio from the Vol- pairing is available in background to the Bluetooth intercom.
2. Press again the Vol- button and you will hear the voice “Background disable”. Now the audio from the Vol- pairing will interrupt the Bluetooth intercom communication.

Attention: By default the background is enabled..

Pairing with one or two phones

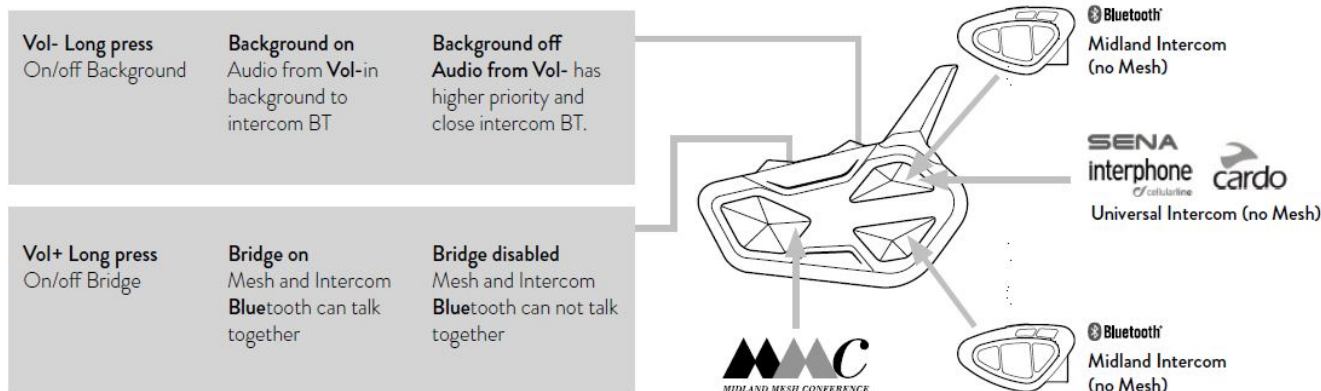
The cellular phone can be paired to the Vol+ or to the Vol-. When a phone is paired to the Vol+ or “Vol-” the “Phone” mode is activated. An incoming call has always the higher priority, that means all other communications will be closed (Intercom, FM Radio, Music). If another incoming call will arrive on the second phone, an alert sound will notify it.

WARNING! In order to have the best performance with your mobile phone, it is suggested to keep it as close as possible to your BT Rush unit, on the left side of your body and in the upper pocket of your jacket if it's possible.

How to pair the Midland BT Rush to a Phone.

To pair the Midland BT Rush to a Phone, you must first enter the Setup Mode mode:

1. Turn off the unit
2. Press and hold down the Control button about 7 sec., until the Red.



light is on permanently.

- Now press for 3 seconds the Vol+ (to pair a phone with also A2Dp) or Vol- button (only mono audio), the Blue and Red lights will flash.
- Enable the Bluetooth device search feature on your mobile phone
- After some seconds, "Midland BT Rush" will be displayed on your mobile phone. Follow the pairing procedure of your Phone. If a pin code is requested you must enter "0000" (four time zero). When successfully paired, the Blue light of the unit will be on for one second and then the unit will exit the Setup Mode mode and switch to the working mode (the Blue light will start flashing). You can use now your Midland BT Rush together with the Phone.

How to use a Phone

After pairing your phone to the Midland BT Rush unit you must switch to the "Phone" mode in order to use it. Press the Control button until you hear "Phone" from the voice announcement. Now all the three main buttons are dedicated to the phone (see Table B)

Answering a call

When you hear the phone ring, you can answer in two different ways:

Vocally:

Simply say one word just after the first ring to answer the call and start talking.

Manually:

Tap the Upward or Downward button and start talking.

Rejecting a call

If you don't want to answer, you can let the mobile phone ring or press the Upward or Downward button for 3 seconds (you will hear one audio confirmation tone).

Making a call

There are several ways to make a phone call.

To redial the latest number:

Go to Phone Mode

- Phone on "Vol+": Press Upward button for 3 seconds in order to redial the latest number (you will hear one audio confirmation tone).
- Phone on "Vol-": Press Downward button for 3 seconds in order to redial the latest number (you will hear one audio confirmation tone).

To make a voice call:

- Phone on “Vol+”: Briefly press Upward button. If your mobile phone supports voice calls, you will be asked to say the name of the contact you wish to call.
- Phone on “Vol-”: Briefly press Downward button. If your mobile phone supports voice calls, you will be asked to say the name of the contact you wish to call.

Priority:

Calls have a high priority, which means that all other communications are temporarily disabled when you receive an incoming call.

Ending a call

There are several ways to end a call:

- Press the Upward button (you will hear an audio confirmation tone).
- Press “End” button on the mobile phone.

Speed dial

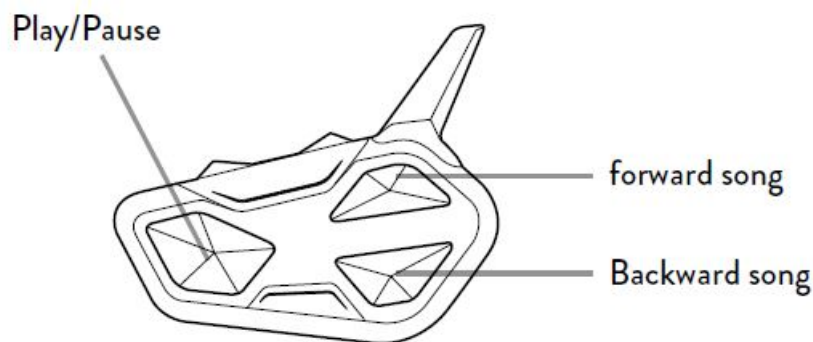
Only for the phone paired on “Vol+” is possible to store one phone number in the unit memory and use it when needed. You must first save the number using the smartphone “BT SET-APP” application. Then when you are in phone mode, just press 7 sec. the Upward button.

Using the MP3 player feature of the Smart phone

Only the smartphone paired to Vol+ can be used as stereo MP3 players. The Midland BT Rush device fully supports the A2DP and AVRCP protocols that enable you to listen to stereo music and remotely control your mobile phone’s MP3 player. You can even use the buttons on the Midland BT Rush unit to control the following play options: Play, Pause, Forward and Backward the songs.

Available controls:

- To play/pause music: click on the Control button.
- To skip forward to the next song: press the Upward button.
- To skip backward to the previous song: press the Downward button.



Priority: the music listening mode has the lowest priority. Therefore, it will always be disabled when another audio communication comes in. change the priority behaviour you can use the "smartphone "BT SETAPP" application.

Attention: It is possible to have all the controls (Play/Pause, FWD, BWD) of the A2DP music only in “Phone mode”.

If you are listening to A2DP music and you move from “Phone” mode to “FM Radio” or “Intercom” mode, you can still listening to A2DP music but you don’t have all the controls buttons available.

Music Share

Music Share feature allows to share the same music from Driver to Passenger. For example the driver can play the music from his phone and share the same music to the passenger.

Share the music when both units are connected in Mesh

If the Driver and Passenger are both BT Rush units and are connected only with Mesh, it is possible to share the music following the same procedure used to pair two units in Intercom mode:

1. Turn off both the unit
2. On both BT Rush press and hold down the Control button about 7 sec., until the Red light is on permanently.
3. Now press Downward long (3 sec.) , the Blue and Red lights will flash fast,. Now release the button.
4. On the other BT Rush unit repeat the same procedure using Downward very long, the Blue and Red lights will flash fast. Now release the button.
5. The two units will search for each other
6. When successfully paired, each unit will have the Blue light on for one second and then go back to the Setup Mode mode (Red light always on).

B - Phone mode			
Mode	Upward button (Phone on "Vol+")	Control button	Downward button (Phone on "Vol-")
Phone	Short press: Voice dial /accept or close if it is in progress Long press: redial latest number/ or reject	Long press: Change mode Double click: Open/Close Mesh	Short press: Voice dial /accept or close if it is in progress Long press: redial latest number/ or reject
Phone (when music is plaing and paired on Vol+)	Short press: Forward the song	Short press: Play/pause Long press: Change mode Double click: Open/Close Mesh	Short press: Downward the song

7. On both units, double click on the Control button, the Red light will turn off and the Blue light will start flashing. You can use now your Midland unit.

Share the music when both units are already connected via Bluetooth intercom

If the Driver and Passenger are already connected with Bluetooth Intercom (the passenger is paired on the BWD button of the BT Rush), it is possible to share to the Passenger the music of the Driver, no additional pairing procedure is needed.

Start Music Share

To start sharing your A2DP music with the passenger (maximum distance 10m), you must press the Downward button long (3 sec.) while you are in Phone mode and the music is playing. You will hear the voice "MusicShare" and the music will start on the Passenger unit. The passenger can only stop the music share pressing short the Control button (but cannot control the music). The driver can start again the music sharing just pressing the Downward button for 3 seconds. With music share active you can not keep open the Intercom communication, (The Music share will be paused when you open the intercom and will be resumed as soon as the Intercom will be closed).

Attention: be sure that the phone is paired on the Vol+ button and to use the play command from the Intercom device (Control button).

Hint: while in Music Share, the driver can keep the Mesh open to talk with the Passenger and at the same time listen to the music.

GPS Navigator

The GPS Navigator can be paired using the Vol+ or the "Vol-" button.

- Volume + button (support for stereo A2DP audio and HFP mono). All devices paired to Vol+ button are always active in background during the Mesh communication, but will interrupt all other communications (like Bluetooth Intercom, and FM Radio).
- Volume – button (support for HFP mono audio). All devices paired on “Vol-” button are always active in background during the Mesh communication.

GPS Stereo (A2DP) voice announcement

BT Rush supports Stereo (A2DP) voice announcement from GPS Navigators or smartphone application only on “Vol+” connection. When connected on Vol+ button, the GPS street voice announcements are always active in background during the Mesh communication (and FM Radio).

How to pair the Midland BT Rush to a GPS

In general it is possible to pair the Midland BT Rush to all GPS for motorbike that support Bluetooth headset connection.

To pair the Midland BT Rush to a GPS, you must first enter the Setup Mode mode:

1. Turn off the unit
2. Press and hold down the Control button about 7 sec., until the Red light is on permanently.
3. Now press firmly (3 sec) the Vol+ or Vol- button, the Blue and Red lights will flash.
4. Enable the Bluetooth device search feature on your GPS
5. After some seconds, “Midland BT Rush” will be displayed on your GPS.
6. Follow the pairing procedure of your GPS. If a pin code is requested you must enter “0000” (four times zero).
When successfully paired, the Blue light of the unit will be on for one second and then the unit will exit the Setup Mode mode and switch to the working mode (the Blue light will start flashing). You can now use your Midland BT Rush with the GPS for street voice announcement.

How to listen to the FM Radio

The FM Radio receiver is integrated inside the unit. You just need to switch to the “FM Radio” mode in order to use it. Long press the Control button until you hear “FM radio” from the voice announcement. Now all the three main buttons are dedicated to the FM Radio (See Table C). Press short the Upward or the Downward button to seek the FM Radio station. When you press long the Upward or the Downward button, you can scan up or down the 6 recorded stations. A voice announcement will tell you the number of which memory you are entering. To save the station you are listening to, press the Upward and Downward buttons together for 3 sec. You will hear a beep tone for confirmation. The station is saved over the latest recorded station used. Thanks to the RDS system, the FM Radio will choose the strongest signal available for the radio station you like to listen to. The RDS system is OFF by default, if needed you can toggle on/off the RDS pressing together the Vol+ and Vol- buttons for 3 sec when the radio is on. A voice announcement will tell you the RDS status.

How to Disable/Enable the FM Radio

By default the FM radio is on. Disabling:

- Enter the Setup Mode: turn off the unit and hold down the Control button about 7 sec., until the Red light is on permanently.

- Press Control and Vol+ buttons together for 3 seconds. The Blue LED will flash three times.
- Double click on the Control button to exit the Setup Mode and use the Midland BT Rush.

Enabling:

- Follow the same procedure just described; now the Blue LED will flash once. To exit the Setup Mode, double click the Control button.

FM Radio and intercom

When you are in “FM Radio” mode it is possible to manually open the intercom, just Double clicking on the Upward or Downward button depending where you made the pairing. You can also open it using the VOX feature (just talk) to the unit paired on the Downward button.

FM Radio and Mesh

When you are in “FM Radio” mode it is possible to manually open/close the Mesh, just Double clicking on the Control button .

FM Radio in background to Mesh

If you turn on the FM radio when the Mesh communication is open (just open the Mesh and then move to FM radio mode), the FM radio and Mesh are both available. In this way you can always be in touch with your group while you enjoy the FM radio. In case you need to have the Mesh audio alone, just turn off the FM radio with one click on the Control button.

FM Radio in background to Intercom

If you move to FM Radio mode when an Intercom communication is open, the Intercom will be closed. If you are already in FM radio mode and you open the Intercom by VOX (or with double click on the Upward or Downward button) or someone will open the Intercom to you, the FM will be available together with the Intercom. In case you need, while the Intercom is open, you can always turn off the FM radio with one click on the Control button.

Attention: Any active audio coming from the “Vol+” or “Vol-” connection, will always pause temporary the FM radio.

Setup and special configurations

Resetting all paired devices

Sometimes you may find it necessary to delete all the pairing references stored in the Midland BT Rush unit (reset operation).

To perform this operation you must first enter the Setup Mode mode:

- Turn off the unit.
- Press and hold down the Control button about 7 sec., until the Red light is on permanently.
- Then simultaneously press and hold down the Vol+ and Vol- buttons for 3 seconds. The Blue Light will be lit on for 1 sec and then goes back to steady Red.
- Double click on the Control button to exit the Setup Mode and use the Midland BT Rush.

This procedure deletes all paired Bluetooth devices stored in the memory and it is therefore possible to start a new “clean” pairing session. Back to factory setting Sometimes you may find it necessary to go back to the factory setting, to reset all the changes/Setup Mode already made and have a “clean” unit.

To perform this operation you must first enter the Setup Mode mode:

- Turn off the unit.
- Press and hold down the Control button about 7 sec., until the Red

B - Phone mode			
Mode	Upward button (Phone on "Vol+")	Control button	Downward button (Phone on "Vol-")
Phone	Short press: Voice dial /accept or close if it is in progress Long press: redial latest number/ or reject	Long press: Change mode Double click: Open/Close Mesh	Short press: Voice dial /accept or close if it is in progress Long press: redial latest number/ or reject
Phone (when music is plaing and paired on Vol+)	Short press: Forward the song	Short press: Play/pause Long press: Change mode Double click: Open/Close Mesh	Short press: Downward the song

- Then simultaneously press and hold down all the three buttons Upward- Control-Downward for 3 seconds. The Blue Light will be lit on for 1 sec and then back to steady Red.
- Double click on the Control button to exit the Setup Mode and use the Midland BT Rush.

Adjusting/ Disabling the VOX feature (Intercom and telephone)

The Intercom feature can be enabled both manually and vocally (VOX). The VOX activation is influenced by the helmet type, the background noise and therefore by the speed. For optimum results, it is possible to choose the sensitivity levels. It is also possible to disable the VOX feature in order to activate the Intercom and phone call answering features in manual mode only. These adjustments can be set through the BTPro SetAPP for iOS or Android.

Setup and Firmware update

To configure your Midland BT Rush you need to use the BTPro SetAPP smartphone application. To update the firmware, you need download the BTPro Updater on the Midland web site **www.midlandeurope.com** in the Midland BT Rush page.

ATTENTION: DO NOT CONNECT THE UNIT TO THE PC BEFORE you DOWNLOAD AND INSTALL THE SOFTWARE.

Use at your own risk

- The use of the device will impair your ability to hear other sounds and others around you.
- Listening to music or speaking on a telephone may prevent you from hearing others around you and distract you from riding safely. The use of such device while riding may endanger you and others, and its use, in some areas, could not be allowed.
- Using this device at a high volume may result in permanent hearing loss.
- If you experience ringing in your ear or any other hearing related pain, reduce the volume or discontinue using this device. With continued use at high volume, your ears may become accustomed to the sound level, which may result in permanent damage to your hearing.
- Please use this device at a safe volume level.

Warranty

The warranty lasts 24 months for the main device and 6 months for the accessories (batteries, chargers, antennas, headsets, microphones). For further information about the warranty, please visit: www.midlandeurope.com.



European CE Notice Certification and Safety Approval Information

This product is CE marked according to the Red Directive 2014/53/UE and is free use in all the EU countries. Users are not permitted to make any changes or modifications to the device. Modifications which are not expressly approved by the producer invalidate the warranty card. For further information, please go to our website: www.midlandeurope.com.

Distributed by:

Motodirect Limited Company Euro House
The Nursery, 1 Wincobank Way, South Normanton, Derbyshire.
DE55 2FX – UK.
Read the instructions carefully before installation and use.

Documents / Resources

	MIDLAND C1502 BTRush Mesh and Bluetooth Conference System [pdf] User Guide C1502, BTRush Mesh and Bluetooth Conference System
	MIDLAND C1502 BTRush Mesh and Bluetooth Conference System [pdf] User Guide C1502, BTRush Mesh and Bluetooth Conference System