

INDEX

Technical specifications of Midland BT1	3
Charging batteries	4
Description of the unit and installation brackets	4
Typical configurations of BT1	6
Switching your Midland BT1 on and off	6
Pairing with Bluetooth devices	7
Adjusting the volume	8
Using the features of the Bluetooth devices	8
Using the wired audio input	11
Using a Two Way Radio transceiver	11
Special configurations	11
Recommendations for specific uses	12
Light and sound signals/Unit functions	14-15
FCC Compliance	16
BT1 Accessories	17
Accessory Order Form	18
Waiver and General Release	20

Midland BT1 Intercom

Thank you for purchasing the Midland BT1 Intercom, the wireless Intercom system for bikers. The Midland BT1 is designed to be fitted directly on to your helmet and to be used for communications between driver and passenger. Besides, the driver's unit can be used to communicate with Bluetooth devices like cell phones or GPS Sat-Navs.

Both devices are also supplied with a wired connection that can be used to connect an iPod/MP3 player and allow for an external connector to be used for connecting to a GMRS radio- increasing Bike to Bike communication range up to 3 miles.

BT1 - Content of the packaging

- › 2 devices: one for Driver and one for Passenger
- › 2 audio kits with two stereo speakers, microphone with boom and wire microphone
- › 2 plates with bi-adhesive strip to fix the unit onto the helmet
- › 2 clamps to fix the unit onto the helmet
- › 2 stereo audio cables to connect an iPod/ or other models of MP3 players
- › 1 mini USB wall-mounting power supply with double plug
- › Wind Suppressing Foam Microphone Cover, Allen key and Velcro strip for assembly

The units included in the packaging are already paired and can therefore be immediately used in the Intercom mode.

Technical specifications of Midland BT1

General:

- › Bluetooth ver. 2.0 stereo (Headset/Handsfree/A2DP protocol)
- › AGC system automatically controls the volume in relation to background noise
- › Voice (VOX) or manual communications option
- › Private or shared (3-way communications) call mode
- › Manual controls to enable: telephone, intercom and wire connection
- › Fully waterproof
- › Lithium battery with 8 hours talk time (up to 2 days in standby mode)
- › Recharge time: app. 4 hours
- › Dimensions. Length: 87 mm – Width: 47 mm - Thickness: 16 mm

Bluetooth connections:

- › Driver's device:
 - with passenger's unit, in Intercom mode Driver-Passenger
 - with Cell phone, GPS (Garmin Zumo and TomTom Rider 1 and 2)
- › With passenger's device:
 - only with the driver's unit in Intercom mode Driver-Passenger

Wire connections for both units:

- › For stereo audio input (iPod/MP3 player)
- › For GMRS transceivers (with optional cable)

Attention: before using BT1 for the first time, remember to recharge it for at least 4 hours.

Attention: Midland BT1 is designed to withstand rain and water. However, if it is raining, always verify that the rubber caps protecting the sockets are fully fitted.

Charging batteries

Make sure that the unit is fully charged before use. Allow at least 5-6 hours for a full charge before using the unit for the first time. Normally, after the first time, it takes 4 hours for a full charge.

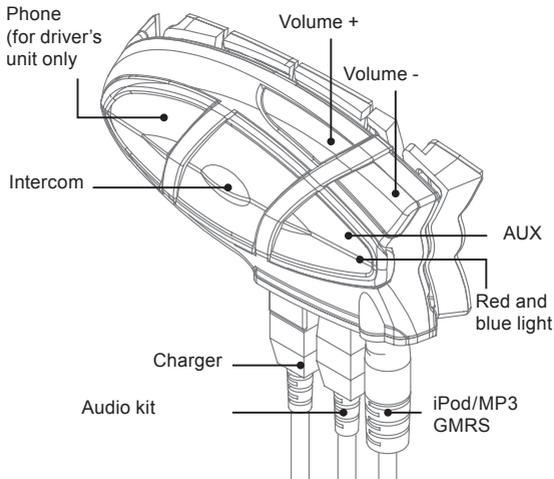
Charge the unit by inserting the wall-charger into the charging socket (lift the rubber cover to insert the plug).

- › The red LED on the unit will start flashing when charging begins.
- › Allow the headset to charge until the red LED turns off.
- › When the charge is complete, release the headset from the charger.

Description of the unit and installation brackets

Description of the BT1 unit

The BT1 has 5 multifunction buttons on the front and 3 wired connections in the lower section.



Description of the button features:

- › Telephone (for driver's unit only): can be used to enable/disable and manage mobile phone features
- › Intercom: can be used to enable/disable the Intercom feature
- › AUX: can be used to enable/disable the wired audio input
- › Volume+: enables you to increase the volume
- › Volume -: enables you to decrease the volume

Description of the wired connections

- › Charger jack: enables to recharge the unit using a standard mini USB power supply
- › Audio kit jack: enable to connect an audio kit (stereo headset and microphone)
- › Auxiliary audio jack (AUX): can be used to connect an audio source, like a stereo iPod/MP3 player or GMRS transceiver

Description of the audio kit

The audio system includes two ultra-flat stereo speakers and two interchangeable microphones, which are both supplied with a bracket and wire connection.

Fixing the stereo speakers. The two stereo speakers have a Velcro/adhesive strip that aids their fixing to your helmet. Beware to not completely cover your ear with the speakers, you must always be able to listen to the traffic sound and indication.

The microphone can be fixed onto the helmet in two ways:

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.



Wire 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.



The audio kit must then be connected to the central jack of the Midland BT1 Intercom unit using the "L" shaped connector. This connector is very flexible and can be easily adapted to most commercial helmets.

Description of the installation brackets

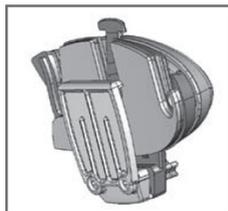
The Midland BT1 can be fixed onto the helmet in two different ways: By either using the plate with bi-adhesive strip, or the clamp. These methods allow you to safely "fix" the BT1 unit onto your helmet and to remove it at any time in order to recharge or store it.

Plate with bi-adhesive strip

The fixing plate has a bi-adhesive strip on one of its sides. To fix the plate in place, clean the application area on the helmet surface, remove the bi-adhesive film and place the fixing plate on the helmet by keeping it contact with the surface for a few seconds.

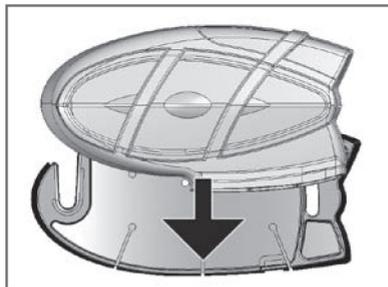
Clamp

Using the Allen Key, loosen the two screws on the clamp and place the rear plate between the helmet padding and the external rigid protection. Then, tighten the two screws in order to firmly fix the clamp in place.

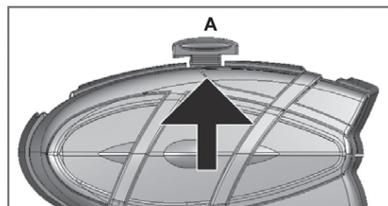


Fitting and removing your Midland BT1

The BT1 can be easily fitted onto the helmet by sliding it downwards so that it fits into the slot of the selected fixing device (plate with bi-adhesive strip or clamp).



BT1 is maintained in position thanks to the fixing clip located on the upper section (A).



To detach the BT1, simply press the fixing clip and push the unit upwards.

Typical configurations of BT1



1. MIDLAND BT1, “Driver only”

- › Bluetooth connection for cell phone or GPS (in case of cell phone with MP3 feature, you can listen to music in stereo mode)
- › Wired connection for iPod/MP3 player or with a transceiver for bike-to-bike communications up to a distance of 3 miles



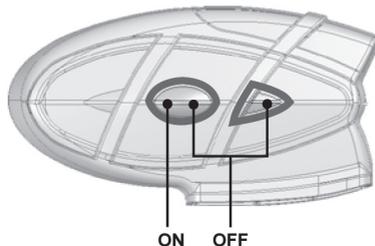
2. Midland BT1, “Driver and Passenger”.

- › Rider to Passenger intercom feature
- › Bluetooth connections for the driver: Cell phone or GPS and passenger’s device for Intercom communications (in case of cell phone with MP3 feature, the driver can listen to music in stereo mode).
- › Bluetooth connections for the passenger: none; only with the driver’s unit for Intercom communications.

Switching your Midland BT1 on and off

BT1 can be **switched on** by means of the central button labeled “Intercom”.

To **switch off** the unit you must use a combination of two buttons (intercom+AUX), thus lessening the chances that you might turn off the unit accidentally (especially whilst wearing heavy gloves).



Switching the unit on:

- › Press and hold Intercom button down for approximately 3 seconds until the BLUE indicator lights.

Switching the unit off:

- › Press and hold both “Intercom” and “AUX” buttons together for approximately 3 seconds until the RED indicator flashes 3 times.

Pairing with Bluetooth devices

Your Midland BT1 is a Bluetooth unit that can be paired with other Bluetooth devices.

Before performing this procedure, it is necessary to set BT1 into "Pairing mode" (Setup).

The only operations permitted in this mode are the pairing ones. To use the BT1 unit after pairing it with the desired devices, it is necessary to quit the "Setup" mode and switch to the "Operating" mode.

Setup mode

Switch off the BT1 device. Press and hold down the central button (Intercom/on) for about 7 sec. until the red indicator switches on permanently. BT1 is now in "Setup" mode and can therefore be paired with other devices.

Pairing the unit with the passenger's device

The two units supplied in the kit, are already paired and ready for use, which means that it is not necessary to perform this procedure.

If the devices are not part of the same kit, you need to pair them in order to be able to use the Intercom function.

Place both BT1 units in Setup mode (red indicator permanently on) Press the "Volume +" button on the first unit until the RED and BLUE lights begin to flash rapidly and alternately. Then press the "Volume -" button on the second unit until the RED and BLUE lights begin to flash rapidly and alternately.

Now both BT1 units are trying to pair to each other.

When successfully paired, each device will light the BLUE light for 1 sec and go back to setting mode (red light always on) waiting for additional pairing or setting procedures.

Pairing the unit with a cell phone - only for the driver's device

1. Enable the Bluetooth device search feature on your mobile phone. As this procedure varies according to the brand and model of the mobile phone, refer to the manual supplied to your particular phone for further information.
2. Set the BT1 unit in "Setup" mode, then press the "Phone" button on the unit until the red and blue indicators start flashing.

3. After a few seconds the cell phone will display "Midland BT1". Select it and follow the instructions provided in your mobile phone manual to accept the pairing. When prompted, enter the pairing code, which is 0000 (four zeroes). Your cell phone should then display a confirmation message if the pairing operation has been successfully completed (In case of error message, complete anyway the procedure, exit the "setup" mode and try to use the BT1 with your phone).

4. The BT1 unit returns to the Setup mode (red indicator permanently on) to indicate that it is ready to be paired with other devices

If you pair the BT1 unit with a cell phone, you will not be able to pair it with a GPS Sat-Nav, because both these devices are assigned (high) priority 1.

This problem can be easily solved by pairing your cell phone directly with your GPS Sat-Nav and then pairing the GPS with your Midland BT1 using the above procedure. In this case, the cell phone features will be managed by the GPS Sat-Nav.

Pairing the unit with a GPS Sat-Nav - only for the driver's unit

It is generally possible to pair the BT1 unit with all GPS Sat-Navs that support Bluetooth earpieces.

Midland BT1 has been successfully tested for use with GPS ZUMO Sat-Navs manufactured by Garmin and TOMTOM Rider 1 and 2 Sat-Navs.

1. On your GPS Sat-Nav, enable the Bluetooth earphone search feature. As this procedure varies according to the brand and model of GPS, we recommend you refer to the manual supplied with your GPS Sat-Nav for further information.
2. Ensure that the BT1 is in Setup mode (Red light on) & Press the "Phone" button on the BT1 unit until the red and blue indicators start to flash.
3. After a few seconds the GPS Sat-Nav will display "Midland BT1". Select it and follow the instructions provided in the GPS Sat-Nav manual to accept the pairing. When prompted, enter the pairing code, which is 0000 (four zeroes). The GPS should then display a confirmation message if the pairing operation has been successfully completed.
4. The BT1 unit returns to the Setup mode (red indicator permanently on) to indicate that it is ready to be paired with other devices.

If you pair the BT1 unit with a GPS Sat-Nav, you will not be able to pair it with a cell phone, because both these devices

are assigned (high) priority 1.

This problem can be easily solved by pairing the cell phone directly with the GPS Sat-Nav and by then pairing your GPS with the Midland BT1. In this case, the cell phone features will be managed by the GPS Sat-Nav.

Resetting all paired devices

Sometimes you may find it necessary to delete all the pairing references stored in the BT1 unit (reset operation).

To perform this operation, simultaneously press and hold down the “Volume +” and “Volume -” buttons for 4 seconds. The Blue Light will be lit on for 1 sec.

This procedure deletes all the paired Bluetooth devices stored in the memory and it is therefore possible to start a new “clean” pairing session.

Exiting from the Setup mode

After you have paired the desired Bluetooth devices, you must quit the “Setup” mode in order to be able to use your BT1.

Press and hold the Intercom button (centre button) for 3 seconds.

The red indicator switches off and the blue one starts to flash. You can now use your BT1.

Reconnecting the unit to bluetooth devices

After successfully pairing your devices, you can switch them off and on without having to repeat the pairing procedure.

If a connection failure occurs between the two devices (for example because one device is switched off or you are not within the maximum range), it is not necessary to repeat the pairing procedure.

Simply switch the device on again or move within the maximum range. If the connection cannot be re-established automatically, select the device from the “devices menu” of your Bluetooth device (for example cell phone, GPS, etc...) and re-enable the connection.

Adjusting the volume

Your Midland BT1 uses AGC technology, which automatically adjusts the listening volume in relation to background noise. However, it is also possible to manually adjust the volume by means of the “Volume+” and “Volume -” buttons.

For example, you can manually adjust the maximum volume in very noisy environments (for example when travelling at high speeds), to allow the AGC automatic system to change the volume and use the manually set volume as maximum setting. This operation is useful because each type and standard of helmet is influenced in different ways by wind and background noise.

Using the features of the bluetooth devices

Using the intercom feature

To use the Intercom feature, be sure both units are turned on and correctly paired together.

Priority: Intercom communications always have a higher priority, compared to other communications, with the only exceptions being Telephone and GPS Sat-Nav. Therefore, the Intercom feature automatically disables all other communications.

The Intercom feature is disabled only when an incoming call or voice communication is received from the GPS Sat-Nav, and is automatically re-enabled as soon as these communications end.

Attention: some cell phones release the line after a few seconds, which means that the Intercom feature may not be immediately available.

The Intercom feature can be enabled in two ways:

Manual activation:

- › Press “Intercom” button, on one of the two units. Communication is enabled and remains active until you press the “Intercom” button again. You will hear 1 audio tone when the Intercom feature is enabled and 2 audio tones when it is disabled.

Voice activation (VOX):

- › This is the default enabling mode. To start an Intercom communication, simply start talking. The communication

will remain active for all the time you are talking. If there is no conversation, the Intercom feature is automatically disabled after 20 seconds. To re-enable it, simply start talking again. When the Intercom is “VOX” activated, you can decide to disable it before the predefined time, simply by pressing the Intercom button once.

- › To disable the voice enabling mode, follow the instructions provided in the “Special configurations” section.

Attention: when you use the Intercom feature, the first time you activate it (voice or manual) the communication will be established with a short delay because of the fact that the devices must first recognize each other. After that the communication will be immediately established.

Two Midland BT1 units can communicate up to a maximum range of approximately 10 feet outdoors.

Using the telephone feature

To use the Telephone feature, be sure the units are correctly paired together, following the pairing procedure described in section “Pairing the unit with a cell phone”.

Attention: information provided in this section refers to the establishment of a direct communication between the cell phone and the BT1 unit. If the cell phone is connected via the GPS Sat-Nav, the cell phone features can only be managed via the GPS itself.

Priority: Calls are always private and have a high priority, which means that all other communications are temporarily disabled when a call arrives and automatically re-enabled once the call ends.

Answering a call

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

Vocally:

Simply say one word to answer the call and start talking. Remembering that you can only do this if you answer the call after the third Ring. (Be aware that some phones may not support voice answering)

Manually:

Tap the “Phone” button and start speaking.

Attention: Remember that you can answer the call only after the third Ring.

Rejecting a call

If you don’t wish to answer, you can let the cell phone ring or

press the “Telephone” button for a few seconds (you will hear one audio confirmation tone).

Making a call

There are several ways to make a call.

From the cell phone keypad:

Dial the number on the cell phone keypad:

- › Press “Send” on the cell phone.
- › This way of calling should never be carried out whilst in charge of a moving vehicle.

To redial the last number:

- › Press and hold “Telephone” button for 3 seconds in order to redial the last number (you will hear one audio confirmation tone).

To make a voice call:

- › Briefly press “Telephone” button. If your cell phone supports voice calls, you will be asked to spell the name of the contact you wish to call.

The correct operation of this feature depends on the type of helmet used (Open or closed faced) and on the speed you are travelling at. We suggest you perform a few tests to determine the best settings for you as an individual.

Attention: if you are listening to music with the MP3 Player of your cell phone, you will not be able to use the “Dial last number” and “Voice call” commands, because these buttons are used to control the MP3 player. Therefore, if you want to make a call, you must first disable the music by pressing the “Intercom” button for 1 second (you will hear two audio confirmation tone) before making the call.

Ending a call

There are several ways to end a call:

- › Wait for the called person to end the call.
- › Press the Telephone” button for 3 seconds (you will hear an audio confirmation tone).
- › Press “End” button on the cell phone. (This way of ending a call should never be carried out whilst in charge of a moving vehicle)

3-way telephone communications

The Intercom feature is temporarily disabled when a phone call is in progress. However, it is possible to add other parties to the conversation by simply enabling the 3-way communication feature. After the initial call has been established, briefly press the “Intercom” button on the driver’s device (you will hear an audio confirmation tone). To re-establish a private

conversation, press the “Intercom” button again (you will hear two audio confirmation tones).

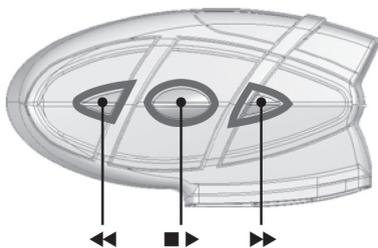
Using the MP3 player feature of the cell phone

Many cell phones are now designed to be used as stereo MP3 players. The BT1 driver’s 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 BT1 unit to control the following play options:

Play, Pause, Forward and Backward.

Attention: the Bluetooth mobile phone must support the AVRCP protocol.



Available controls:

- › To enable your connected MP3 Player, press and hold down the “Intercom” button for 3 seconds.
- › To play/pause music, briefly press the “Intercom” button.
- › To skip forward to the next song, briefly press the “Telephone” button.
- › To skip backwards to the previous song, briefly press the “AUX” button.
- › To disable the MP3 player, press and hold down the “Intercom” button for 3 seconds (2 beeps will confirm it).

To open the Intercom communication just talk or , for a manual activation, disable first the MP3 player , pressing the “Intercom” button for 3 seconds and than press it again to open the Intercom.

The music listening mode has the lowest priority. Therefore, it will always be disabled when another type of communication is enabled.

Using the features of your GPS sat-nav

To use the features of your GPS Sat-Nav, be sure both units are turned on and correctly paired together, following the pairing procedure described in the “Pairing the unit with a GPS Sat-Nav” section.

Priority: communications with the GPS Sat-Nav have the highest priority, which means that the enabling of these communications causes the temporary disabling of all other communications (Intercom, music or two way radiotransceiver). Once the GPS communications have ended, all other communications are automatically reenabled.

Listening to voice instructions from your GPS Sat-Nav

Traffic directions from your GPS Sat-Nav will always be immediately transmitted by temporarily disabling all other active communications. Once these voice directions have been transmitted, your BT1 will automatically re-enable all existing communications.

Listening to music from your GPS Sat-Nav

The most popular GPS devices usually enable you to listen to music when no directions are being given. In this case, the communication with the GPS is always active and has the highest priority compared to all other active devices.

However, it is possible to enable the Intercom feature at any time, while listening to music, simply by pressing the “Intercom” button to open a 3 way communication. For further information, see the “3-way communications with the GPS Sat-Nav” section below.

Using a cell phone with a GPS Sat-Nav

If you have connected a GPS Sat-Nav to your Midland BT1, you will not be able to connect the cell phone directly to the unit; you must instead, connect the phone to the GPS Sat-Nav. By doing so, all the cell phone features will be managed directly by your GPS Sat-Nav. For information on how to pair a cell phone and answer/make calls, see the manual supplied with your particular Sat-Nav.

3-way communications with your GPS Sat-Nav

The Intercom feature is temporarily disabled when communication with your GPS Sat-Nav is active (street indication or music). However it is possible to allow the passenger to listen, by enabling a “3-way communication”.

When the communication with the GPS is active, briefly press the “Intercom” button on the BT1 device connected to the GPS Sat-Nav (you will hear an audio confirmation tone). The

passenger will now be able to listen to the same information/music that the rider hears. To return to the private mode, press the “Intercom” button once more. (you will hear two audio confirmation tones).

Using the wired audio input

Your Midland BT1 is also fitted with a wired audio input (labeled AUX), that can be used to connect a stereo audio source, like an iPod (or any other MP3 Player) or a GMRS transceiver for bike-to-bike communications.

Priority: the wired audio input has the lowest priority when compared to the other Bluetooth connections (including the Intercom) and will therefore always be disabled when another Bluetooth communication is opened.

Listening to music

To listen to music from the wired input, connect the audio source using the cable supplied with the BT1 unit. The volume level is automatically adjusted by the AGC system, which means that you only need to adjust the volume of your iPod/MP3 player to a level that will allow you to listen to music in normal speed.

Attention: never set the volume of the MP3 Player to the maximum possible.

Hint: We recommend that you perform a few tests adjusting the volume of your iPod/MP3 player so at the normal speed the Headset volume is suited to your needs.

The AGC system will automatically increase the volume on higher speed. Make a note to remember this setting for future trips.

Attention: the volume adjustment, (“Volume+” and “Volume-”) buttons, cannot be used to adjust the volume of the wired audio source (eg MP3 player), only the volume of the BT1 that the device is connected to.

Enabling/disabling the wire input

The wire input can be enabled and disabled by means of the “AUX” button.

- › Disabling: briefly press the “AUX” button (you will hear two audio confirmation tones).
- › Enabling: briefly press the “AUX” button (you will hear one audio confirmation tone).

Using a Two Way Radio transceiver

To be able to use the transceiver, it is necessary to purchase a specific cable (sold separately) in order to connect the radio to your Midland BT1:

- › **Note: Some manufacturers radios use a different pin configuration, so we recommend that you ask your dealer as to which cable is best suited to your needs**

To communicate via the attached radio, press the transmission Press To Talk (PTT) button to speak and release it to listen. It is not possible to talk and listen simultaneously. The cable connected to the transceiver has a PTT button that can be placed on the handlebar of your bike or held in your hand (If you are the passenger rider).

Adjust the volume of the transceiver to your needs, remembering that the volume adjustment is controlled by the automatic AGC system and that it will therefore be automatically increased in relation to background noise.

Special configurations

Some Midland BT1 features can be configured to suit the specific needs of bikers.

- › Permanently enable 3-way communications
- › Voice enable Intercom (VOX)
Adjust the microphone sensitivity
Disable the VOX feature

Permanently enabling 3-way communications

The music coming from the wired connection is interrupted by default when the Intercom feature is enabled.

By enabling this feature, what is heard from the wired connection is not interrupted but switched to the passenger’s device.

This feature can be useful, for example, if you wish to maintain Intercom communications and simultaneously talk using a transceiver radio connected with a wired connection. In addition it also allows you to share the music between Rider and Passenger. Considering that the music quality is “mono” for the second person who will share the music (see the chapter “Share the music between driver and passenger” below).

Enabling/disabling 3 way communications

Enter the Setup mode:

- › Switch your BT1 off. Press and hold down the central button (Intercom/on) until the red light switches on permanently. Your BT1 is now set in Setup mode.
- › Simultaneously press and hold down the “Telephone” and “AUX” buttons for at least three seconds.
- › If the feature was enabled, it will be disabled (steady blue light for 2 seconds).
- › If it was disabled, it will be enabled (blue light long flashes).
- › Quit the Setup mode by pressing the “Intercom” button for a minimum of 3 seconds. The red light switches off and the blue light starts flashing. You can now use the BT1.

Attention: only the audio/music coming from the device connected by wire can be shared. The music heard via Bluetooth will be interrupted.

Enabling the intercom by voice (vox)

The Intercom feature can be enabled both manually and vocally (VOX). The VOX activation is influenced by the background noise and therefore by the speed, type of bike and soundproof features of your helmet.

For optimum results, it is possible to choose one of the following four microphone sensitivity levels: high, medium, low and very low. The high settings suited for noiseless and protected bikes like scooters and fully faired/screened bikes. The low setting is more suited for naked/noisy bikes. The default setting of BT1 is “medium”.

It is also possible to disable the VOX feature in order to activate the Intercom and phone call answering features in manual mode only.

Adjusting the sensitivity of the microphone (VOX)

1. Enter the Setup mode: Switch your BT1 off.
Press and hold down the central button (Intercom) until the red indicator switches on permanently. Your BT1 is now in “Set up mode”.
2. Briefly press the “AUX” button once, the red indicator will turn to steady Blue
3. Now, press “Volume +” or “Volume -” to increase or reduce sensitivity. Every time you press the Volume buttons the RED light will flash for confirmation. When you reach the end of the upper and lower limit, the RED light will not flash.

4. Press again the AUX button and the Blue light will flash several times, in order to let you know the selected sensitivity: once = VOX disabled / Twice = very low sensitivity / 3 times= low sensitivity / 4 times= medium sensitivity / 5 times = high sensitivity / Default = medium sensitivity
5. The light indicator is now back to steady RED (“Set up mode”) and the changes are confirmed
6. If needed, you can adjust again the sensitivity repeating the steps from point 2.
7. Now quit the Setup mode by pressing and holding down the “Intercom” button for at least 3 seconds. The red light switches off and the blue light starts flashing. You can now use the BT1.

Disabling the VOX feature (Intercom and telephone)

In addition to the 4 microphone sensitivity levels, there is a fifth state that allows you to turn off the VOX feature. Follow the same procedure used to adjust the sensitivity of the microphone (see above) and on step 3 press the “Volume -” to reduce the sensitivity till the RED light stop flashing. Press now the “AUX” button and the Blue light will flash one time, this means that the VOX feature is disabled. Follow now the procedure above from the point 5.

To enable it again, perform the complete procedure above, choosing one of the other four sensitivity levels available (from 2 to 5).

Recommendations for specific uses

The section that follows, provides a few useful suggestions on how to achieve maximum performance from your BT1 unit.

Using a GMRS transceiver with the Intercom feature (Rider to Passenger)

If you wish to use a GMRS transceiver for group communications and simultaneously maintain the Intercom feature enabled between the pilot and passenger, you must remember that the Intercom feature is enabled every time you speak by means of the BT1’s VOX feature.

Consequently, radio communications will be disabled whilst you are talking with your passenger, because they have a lower priority compared to Intercom communications.

This can be prevented in two ways, which are:

Disabling the VOX feature

Disable the VOX feature, as explained in the previous section, to make sure that the intercom will not automatically be activated when you speak on the GMRS. To enable the Intercom feature when using this configuration, you will have to press Intercom button manually. (This operation disables radio communications that will be automatically re-enabled when the Intercom feature is disabled).

Attention! If you disable the VOX feature, you will only be able to answer incoming phone calls by pressing the “Phone” button.

Permanently enabling 3-way communications

If you enable this feature (as explained in the previous section), every time you talk the Intercom is enabled, but the two-way radio transceiver communications are not disabled. This means that you can share two-way radio communications between Rider and Passenger.

Share the music between Rider and Passenger

If you wish to share the same music between the Rider and the Passenger you must follow these simple steps:

- › Connect the music player to the Rider or Passenger unit, via wired connection through the AUX plug
- › Enable the “3 way communications feature” (see the chapter above) on the unit which has the music player connected
- › Activate the Intercom, now the music is shared.

Attention: Only those who are connected to music by wire can listen to it in stereo mode.

Attention: It is not possible to share music if the source is Bluetooth Stereo (A2DP)

LIGHT AND SOUND SIGNALS

LED indication	Status
GENERAL	
None	Unit is switched off or full charged when connected to the power supply
Single Blue flash every 3 seconds	Unit being turned on
Triple red flash	Unit being turned off
Single Blue flash every 3 seconds Single Red flash every 3 seconds	Standby Standby - low battery
RED and BLUE (together) every 3 seconds	Active (Intercom, phone call or Bluetooth connection in progress)
RED and BLUE (together) and one flash of RED light every 3 seconds	Active but low battery
Single red flash every 2 seconds	Unit in charge when connected to the power supply
SETUP	
Steady Red	Setup mode
Rapid Red-Blue alternating flash	Pairing mode (searching for devices)
Steady Blue for two second	Successful pairing/ Reset paired devices/Three way enabled
Blue light two time long flash	Three way disabled
Audio signals	
	Status
Ascending tone (low-high)	Unit being turned on

Descending tone (high-low)	Unit being turned off
Enable/Disable the Intercom	1 tone = enabled / 2 tones = disabled
1 tone	Specific feature turned on
2 tones	Specific feature turned off

UNIT FUNCTIONS

If you want to...	...do this
GENERAL	
Turn on the unit	Press the Intercom button for 3 seconds at least (start Blue flash)
Turn off the unit	Press the Intercom and AUX button together for 3 seconds (triple Red flash)
Increase the volume	Short or continues press on the Volume Up control

Decrease the volume	Short or continues press on the Volume Down control
CELL PHONE (only driver's unit)	
Answer a call	Short press of the Phone button / say a word
Reject a call	Long press the Phone Button / remain silent until the rings stop
Terminate a call	Short press the Phone Button
Voice Dial (in stand by mode)	Short press the Phone button and state the name of the person to call.
Redial Last number (in stand by mode)	Long press of the Phone button
Conversation among passenger, driver and the phone	During a phone call, short pressure of the Intercom button on the unit which received the call
Release the 'extended' conversation above	Short pressure of the Intercom button
GPS Navigator (only for driver's unit)	
The control is done only by the GPS	
INTERCOM	
Start using the Intercom	Start talking/short press the Intercom button
Stop using the Intercom	Stop talking (after 20 sec. you will return to stand by mode)/Short press the Intercom button
BLUETOOTH MP3 player of the cell phone (only driver's unit)	
Activate the MP3 player/Play and Pause	Press and hold down the "Intercom" button for 3 seconds.
Forward (next song)	While the music play, short press of the Phone button
Backward (previous song)	While the music play, short press of the AUX button
Deactivate the MP3 Player	Press and hold down the "Intercom" button for 3 seconds.
WIRED CONNECTION	
Activate /Deactivate	Short press of the AUX button
SETUP/PAIRING	
Enter SETUP mode	Press the Intercom button for 7 seconds while the unit is off
Pairing a Phone or a GPS Navigator	While in Setup mode, press the phone button until the LED light flash Red and Blue alternately
Pairing the BT1 passenger's device	While in Setup mode, press the Volume + on one unit (the light will flash Red and Blue alternately), press the Volume - on the other unit (the light will flash Red and Blue alternately). On a successful pairing, both light turn to Blue for one second.
Reset all paired devices	While in Setup mode, long press the Volume + and the Volume -. On a successful reset, the Blue light will turn on for two second.
SPECIAL SETUP CONFIGURATION	

FCC Compliance Information

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

- This device may not cause harmful interference.
- This device must accept any interference received including interference that may cause undesired operation.

Warning! Changes or modifications to this unit not expressly approved by Midland Radio Corporation could void the user's authority to operate the equipment.

ACCESSORIES FOR THE BT1

Accessories can be purchased at www.midlandradio.com or fill in the form on the following page and mail in to our address.

BTH101



Replacement Audio Kit for Open
or Closed Face Helmets

MSRP: \$29.99

BTH102



Hi Fi Speakers

MSRP: \$39.99

BTA101



Replacement Mounting Kit

MSRP: \$24.99

BTA201



Dual Connector DC Adapter

MSRP: \$24.99

BTA301



Stereo Cable

MSRP: \$9.99

BTA302



GMRS Connector Cable

MSRP: \$39.99

ACCESSORIES ORDER FORM

Please send Money Order or fill in Visa/Mastercard information and mail to address below. Please **DO NOT** send cash or checks. Make Money Orders to Midland Radio Corporation.

Name: _____

Address: _____

City: _____

State: _____ Zip: _____

Telephone: _____

Email: _____

Credit Card # _____

Type: _____ EXP: _____

Quantity	Item	Price	Total

Subtotal: _____

Tax (MO, CO, IL, FL only): _____

S&H: _____ \$14.95

(Applies to Domestic U.S. Only. For Hawaii, Alaska and Puerto Rico S&H will be \$36.25 for 1 lb and \$64.25 for 2lbs or more.)

Total: _____

Mail To:

Midland Radio Corporation
Consumer Department
5900 Parretta Drive
Kansas City, MO 64120

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Or Call 816.241.8500

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Using a communication device while riding a motorcycle, scooter, moped, ATV, quad-bike or any other vehicle or equipment, whether on land, water or air (jointly referred to as "Vehicle") requires your complete and undivided attention. Midland Radio Corporation, including its Officers, Directors, Affiliates, Parent Company, Representatives, Agents, Contractors, Sponsors, Employees, Suppliers and Resellers (jointly referred to as the "Company" or "Midland") strongly advises you to take all necessary precautions and remain alert to the traffic, weather and road conditions if you choose to use the BT Series headsets, including all derivative models irrespective of its commercial name or branding (the "Device"), and stop your Vehicle on the roadside prior to initiating or receiving calls. Any publications, advertisements, announcements or similar notes that refer to using the Device while riding a Vehicle are solely intended to address its technical capabilities and should not be misconstrued as if encouraging users to operate the Device while actively involved in traffic. By way of purchasing this Device and not returning it for a full refund (see below), you are irrevocably releasing, indemnifying from any liability, loss, claim and expense (including attorneys fees) and holding Midland Radio Corporation harmless for any bodily injuries, harm or death as well as losses or damages in goods, to any Vehicles including your own, or to any property or asset that belong to you or to third parties, any of which may result from using the Device under any circumstances or conditions and irrespective of jurisdiction. Midland Radio Corporation will not be responsible for any physical damages, irrespective of reasons, conditions or circumstances, including malfunctioning of the Device, and all risks associated with operating it rest solely and entirely with the user of this Device, irrespective of whether the Device is used by the original purchaser or any third party. Midland Radio Corporation hereby notifies you that using this Device may also be in contravention to local, federal, state or national laws or regulations, and that any use of the Device is entirely at your sole risk and responsibility.

1. You, your heirs, legal representatives, successors or assigns, hereby voluntarily and forever release, discharge, indemnify and hold harmless Midland Radio Corporation from any and all litigation, claims, debts, demands, actions and liability which may arise, directly or indirectly, from using the Device for any distress, pain, suffering, discomfort, loss, injury, death, damages to or in respect to any person or property however caused, WHETHER ARISING FROM THE NEGLIGENCE OR OTHERWISE, and which may hereafter accrue to you on some future date as a result of said use, to the fullest extent permitted by law.
2. You fully understand and assume the risks in using the Device, including risk of negligent acts or omissions by others.
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4. You fully acknowledge our warnings and understand that: (a) risks and dangers exist in using the Device while in traffic, including but not limited to injury or illness, strains, fractures, partial and/or total paralysis, death or other ailments that could cause serious disability; (b) these risks and dangers may be caused by the negligence of the manufacturers or its agents or any third party involved in designing or manufacturing the Device; (c) these risks and dangers may arise from foreseeable or unforeseeable causes. You hereby assume all risks and dangers and all responsibility for any losses and/or damages, whether caused in whole or in part by the negligence or other conduct of others, including the Company.
5. You confirm that you have read this release of liability and fully understand its terms and that you have given up substantial rights by not returning the Device or a full refund (see refund option below).

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Note: Features & Specifications are subject to change without notice. MIDLAND is not responsible for unintentional errors or omissions on its packaging.