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## Midland BTKI

*Thank you for purchasing Midland **BTKI** Intercom, the wireless Intercom system designed for leisure users that want to practice winter sports without giving up the comfort of Bluetooth communications. Midland **BTKI** can be simply wear or fitted on your semi-rigid helmet.*

*Thanks to Bluetooth technology, Midland **BTKI** allows Bluetooth communications, through a mobile phone, with another **BTKI** device (Intercom function) and music sharing in stereo mode.*

### Content of the packaging

- › 1 **BTKI** device
- › 1 Audio kit with two stereo speakers and 1 microphone with boom
- › 1 Velcro strip to fix the unit onto the helmet
- › 1 Stereo audio cable to connect an iPod/ or other models of MP3 players
- › 1 Mini USB wall-mounting power supply

## Technical specifications of Midland BTKI

- › Bluetooth ver. 2.0 stereo (Headset/Handsfree/A2DP protocol)
- › AGC system automatically controls the volume in relation to background noise
- › Voice (VOX) or manual activation of the communication
- › Mobile phone connection
- › Manual controls to enable: telephone, intercom and wire connection
- › Fully waterproof/snowproof
- › Lithium battery with 8 hours talk time

- › Recharge time: app. 4 hours
- › Intercom: max coverage of app. 200mt outdoors

### Bluetooth connections:

- › To a mobile phone/MP3 player
- › With another **BTKI** device for Intercom communications

### Wire connections:

- › For stereo audio input (iPod/MP3 player)
- › For PMR446 transceivers (with optional cable)

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

**Attention: Midland BTKI is designed to withstand rain and snow. 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.

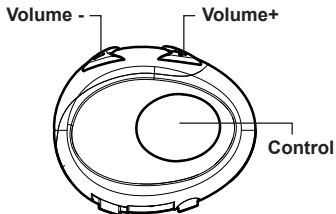
Charge the unit by inserting the wall-charger into the charging socket (lift the rubber cover to insert the plug).

- › 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

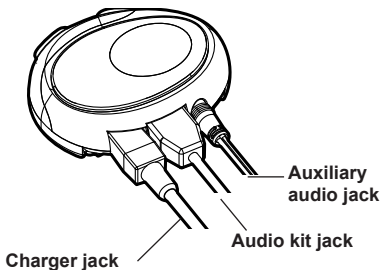
### Description of the BTSKI unit

The **BTSKI** has 3 multifunction buttons on the front and 3 wired connections in the lower section.



### Description of the button features:

- › **Control**: to manage mobile phone features and the Intercom function
- › **Volume+**: enables you to increase the volume
- › **Volume -**: enables you to decrease the volume

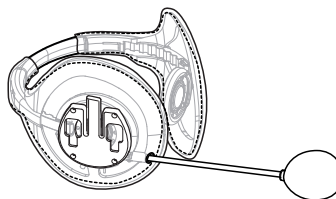


### Description of the wired connections

- › **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 a PMR446 transceiver

### Fitting your BT

The audio system includes two ultra-flat stereo speakers and one microphone with boom, all assembled into a headset.



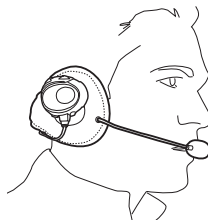
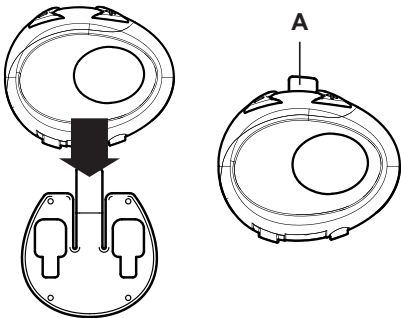
Midland **BTSKI** is the best solution for Bluetooth communications, designed to be used without helmet or with semi-rigid ski helmets.

### Fitting and removing your Midland BTSKI

The **BTSKI** can be easily fitted by sliding it downwards so that it fits into the slot of the fixing device.

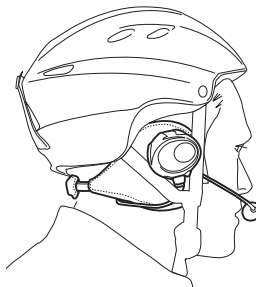
**BTSKI** is maintained in position thanks to the fixing clip located on the upper section (A).

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



### Using the BTSKI with a semi-rigid helmet

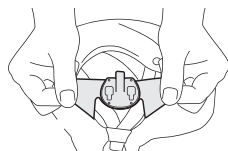
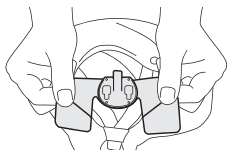
To place the **BTSKI** into a semi-rigid helmet you should first of all remove the little triangular pads, used to cover the ears in most of helmets on sale, and then put your helmet directly on the **BTSKI** device.



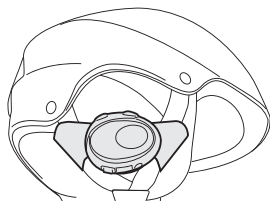
### Using the BTSKI without helmet

After have fixed your **BTSKI** on its suitable tool and have inserted the audio kit plug into the central socket, wear your headset as shown in the figure. Please, be sure to have placed the microphone in the right way, with the white sign oriented towards your mouth.

If your helmet is not equipped with the two removable pads, you could anyway mount your **BTSKI** system by using the supplied Velcro-band. Be sure to fix the Velcro-band as shown in the figure.



Now, fix the **BTSKI** on the Velcro-band. Wear your headset, insert the connection cable of the headset into the BTSKI device and wear the helmet.



## Switching your Midland BTSKI on and off

### Switching the unit on:

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

### Switching the unit off:

- › Press and hold both “Control” and “VOL-” 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 whilst wearing heavy gloves).

## Adjusting the volume

Your Midland **BTSKI** uses AGC technology, which automatically adjusts the listening volume in relation to background noises.

However, it is also possible to manually adjust the volume by means of the “Volume+” and “Volume -” buttons.

Attention: volume can be adjust only when an audio connection is active.

## Pairing with Bluetooth devices

Your Midland **BTSKI** is a Bluetooth unit that can be paired with other Bluetooth devices, such as a mobile phone or another **BTSKI** device for Intercom communications.

Before performing this procedure, it is necessary to set **BTSKI** into the Setup mode.

### Setup mode

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

### Exiting from the Setup mode

To exit the Setup mode double click the "Control" button. Once the red light turns off, the blue led starts blinking. Now you can use your **BTSKI**.

## Using the features of the Bluetooth devices

### Using the telephone feature

To use the Telephone feature, be sure the units are correctly paired together.

#### Pairing the unit with a mobile phone

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 **BTSKI** unit in "Setup" mode, then press the Control button on the unit until the red and blue indicators start flashing.
3. After a few seconds the mobile phone will di-

splay "Midland **BTSKI**". 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 mobile phone should then display a confirmation message if the pairing operation has been successfully completed

4. The **BTSKI** will automatically exit the set up mode (red indicator on) and go to the working mode (blue light flashing).

### 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 "Control" button and start speaking.

### Rejecting a call

If you don't wish to answer, you can let the mobile phone ring or press the "Control" 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 mobile keypad:*

Dial the number on the mobile keypad:

- › Press "Send" on the mobile phone.

#### *To redial the last number:*

- › Press and hold "Control" 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 “Control” button. If your mobile phone supports voice calls, you will be asked to speak 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 a call arrives and automatically re-enabled once the call ends.*

**Attention: the voice call command is possible only if the BTSKI has never been connected to another BTSKI for Intercom communication.**

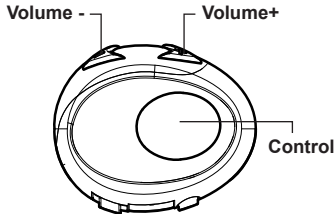
*Ending a call*

There are several ways to end a call:

- › Wait for the called person to end the call.
- › Press the “Control” button for 3 seconds (you will hear an audio confirmation tone).
- › Press “End” button on the mobile phone.

## Using the MP3 player feature of the mobile phone

Many mobile phones are now designed to be used as stereo MP3 players. The **BTSKI** 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 **BTSKI** unit to control the following play options: Play, Pause, Forward and Backward.



**Available controls:**

- › **To play/pause music**, double click the “Control” button.
- › **To skip forward to the next song**, keep pressed the “Volume+” button.
- › **To skip backwards to the previous song**, keep pressed the “volume-” button.
- › **To enable your connected MP3 Player (ADP/AVRCP)**, press and hold down the “Volume +” and “Volume-” buttons for 3 seconds (this feature is active by default).
- › **To disable the MP3 player**, press and hold down the “Volume+” and “volume-” buttons (2 beeps will confirm it).

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

## Using the intercom feature

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

### Pairing with another BTSKI device

Place both **BTSKI** 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 **BTSKI** units are trying to pair to each other.

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

To use the two devices, exit the setting mode.

Double click on the "Control" button. The red light will quit and the blue light will begin to flash. Now you can use your **BTSKI**.

*Priority: Intercom communications always have a higher priority, compared to other communications, with the only exceptions being Telephone.*

Therefore, the Intercom feature automatically disables all other communications.

The intercom feature is disabled during a phone call, and is automatically re-enabled as soon as these communications end.

**Attention: some mobile phone 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 "Control" button, on one of the two units. Communication is enabled and remains active until you press the "Control"

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 enabled by default. 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 is automatically closed after 20 seconds. To re-open 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 "Control" button once.
- › To disable the voice activation mode, follow the instructions provided in the "Special configurations" section.

Two Midland **BTSKI** units can communicate up to a maximum range of approximately 200meters outdoors. The maximum coverage depends on the presence of obstructions in the area or on the head orientation.

**Attention: the first intercom activation must be done manually with the control button. After that, the VOX activation will be available.**



## Resetting all paired devices

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

To perform this operation, switch off the **BTSKI** and keep pressed the "Control" button. The red led turns on. 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.

## Using the wired audio input

Your Midland **BTSKI** is also supplied with a wired audio input (labeled AUX), that can be used to connect an audio source, like an iPod (or any other MP3 Player) or a PMR446 transceiver for communications in group or for a coverage increase. The wired audio input allows a higher range of coverage respect to what granted with Bluetooth technology.

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.

## Using a i-Pod/MP3 Player

### Listening to music

To listen to music from the wired input, connect the audio source using the cable supplied with the **BTSKI** 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).**

### Enabling/disabling the wire input

The wire input can be enabled and disabled

- › Enabling: double click the "Control" button (you will hear one audio confirmation tone).
- › Disabling: double click the "Control" button(you will hear two audio confirmation tones).

**Attention: this function is available only if there is no music active via Bluetooth.**

## 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 **BTSKI**:

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. Communications can be activated also without pushing the PTT button, by enabling the VOX function.

## Special configurations

Some Midland **BTSKI** features can be configured to suit specific needs

- › *Voice enable Intercom (VOX)*
- › *Adjust the microphone sensitivity*
- › *Disable the VOX feature*
- › *Wired connection always on*

### 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.

For optimum results, it is possible to choose one of the following four microphone sensitivity levels: high, medium, low and very low. The default setting of **BTSKI** 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 **BTSKI** off. Press and hold down the central button (Con-

trol) until the red indicator switches on permanently. Your **BTSKI** is now in "Set up mode".

2. Press the "Volume+" and "Control" buttons till 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. Double press the "Control" button; 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, otherwise exit the Setting mode by double clicking the "Control" button. Once the red light turns off, the blue led starts blinking. Now you can use your **BTSKI**.

### Disabling the VOX feature (Intercom and telephone)

Follow all the procedure described in the previous steps and choose the option 1 (VOX disabled). You will see the blue led blinks once.

## Wired connection always on

This feature let you keep the wired connection always on, even when the phone or the intercom is open. This feature can be useful when you connect a PMR446 transceiver.

Enabling:

- › Enter the “Setup” mode.
- › Press the “Volume+” and “Volume -” buttons for one second. The blue LED will flash once.
- › To exit the “Setup” mode double press the “Control” button.

Disabling:

- › Follow the same procedure up described; now the blue LED will flash twice
- › To exit the “Setup” mode double press the “Control” button.

## Recommendations for specific uses

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

### Using a PMR446 transceiver with the Intercom feature

If you wish to use a PMR446 transceiver for group communications and simultaneously maintain the Intercom feature enabled between two **BTSKI** devices, you must remember that the Intercom feature is enabled every time you speak by means of the **BTSKI**'s VOX feature. Consequently, radio communications will be disabled whilst you are talking with somebody, because they have a lower priority compared to Intercom communications.

This can be prevented by enabling the “Wired connection always on” or 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 PMR446. To enable the Intercom feature when using this configuration, you will have to press “Control” 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 “Control” button.***

## **Use at your own risk**

The use of the headphone-headset will impair your ability to hear other sounds and others around you. Use this device only while waiting for the lift, on the lift, waiting to ride or in the lodge.

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 headphone-headset while operating a motor vehicle or riding a bicycle may create a serious hazard to you and others, and is prohibited by law in some areas.

Using this headset 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.

## LIGHT AND SOUND SIGNALS

| LED indication   | Status  |
|--|---|
| <b>GENERAL</b>   |   |
| None   | Unit is switched off or full charged when connected to the power supply |
| Single Blue flash every 3 seconds                                  | Unit being turned on/ Unit in working mode                              |
| Triple red flash   | Unit being turned off   |
| Single Red flash every 3 seconds                                   | 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                       |
| <b>SETUP</b>   |   |
| Steady Red   | Setup mode  |
| Rapid Red-Blue alternating flash                                   | Pairing mode (searching for devices)                                    |
| Steady Blue for two second   | Successful pairing/ Reset paired devices                                |
| <b>Audio signals</b>   |   |
| <b>Status</b>  |   |
| 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   |
|-------------------|--|
| <b>GENERAL</b>    |  |
| Turn on the unit  | Press the Control button for 3 seconds at least (start Blue flash) |

|  |   |
|--|---|
| Turn off the unit                                    | Press the Control and VOL- buttons together for 3 seconds (triple Red flash)  |
| Increase the volume                                  | Short press the Volume Up control   |
| Decrease the volume                                  | Short press the Volume Down control   |
| <b>MOBILE PHONE</b>                                  |   |
| Answer a call  | Short press of the Control button / say a word  |
| Reject a call  | Long press the Control Button / remain silent until the rings stop  |
| Terminate a call                                     | Short press the Control Button  |
| Voice Dial   | Short press the Control button and state the name of the person to call (only if your BTKI has not been paired with another BTKI device). |
| Redial Last number                                   | Long press of the Control button  |
| <b>INTERCOM (if paired with another BTKI device)</b> |   |
| Start using the Intercom                             | Start talking/short press the Control button  |
| Stop using the Intercom                              | Stop talking (after 20 sec. you will return to stand by mode)/Short press the Control button  |
| <b>BLUETOOTH MP3 player of the mobile phone</b>      |   |
| Activate the MP3 player                              | Press and hold down the VOL+ and VOL- buttons for 3 seconds   |
| Play and Pause                                       | Double click the Control button   |
| Forward (next song)                                  | While the music play, keep pressed of the VOL+ button for 3 sec.  |
| Backward (previous song)                             | While the music play, keep pressed of the VOL- button for 3 sec.  |
| Deactivate the MP3 Player                            | Press and hold down the VOL+ and VOL- buttons for 3 seconds   |
| <b>WIRED CONNECTION</b>                              |   |
| Activate /Deactivate                                 | Double click the Control button (only if Music via Bluetooth is disabled)   |
| <b>SETUP/PAIRING</b>                                 |   |
| Enter SETUP mode                                     | Press the Control button for 7 seconds while the unit is off  |

|  |   |
|--|---|
| Exit SETUP mode                              | While in Setup mode, double click the Control button. The Red light will turn off and the Blue light starts flashing.   |
| Pairing a Phone                              | While in Setup mode, press the Control button until the LED light flash Red and Blue alternately  |
| Pairing your BTKSI with another BTKSI 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.   |
| <b>SPECIAL SETUP CONFIGURATION</b>           |   |
| Change VOX sensitivity or disable it         | While in Setup mode, press short the Control and VOL+ buttons (blue light on). Now, press "Volume +" or "Volume-" to increase or reduce sensitivity. Double click the Control button to visualize the VOX status. Go back to the SETUP mode (Red light always on).<br>VOX STATUS (Blue light flashing):<br>Once = VOX disable<br>Twice = very low sensitivity<br>3 times = low sensitivity<br>4 times = medium sensitivity.<br>5 times = high sensitivity |
| Wired connection always on                   | Enabling: In "Setup" mode, press the "Volume+" and "Volume-" buttons for one second. The blue LED will flash once.<br>Disabling: Follow the same procedure up described; now the blue LED will flash twice  |

## **Warranty**

This product is covered by European warranty rulings and should be returned to the place where purchased for repair or replacement if not repairable. In the event it that it is returned to us by your supplier then we will either repair or replace within 15 working days from receipt.