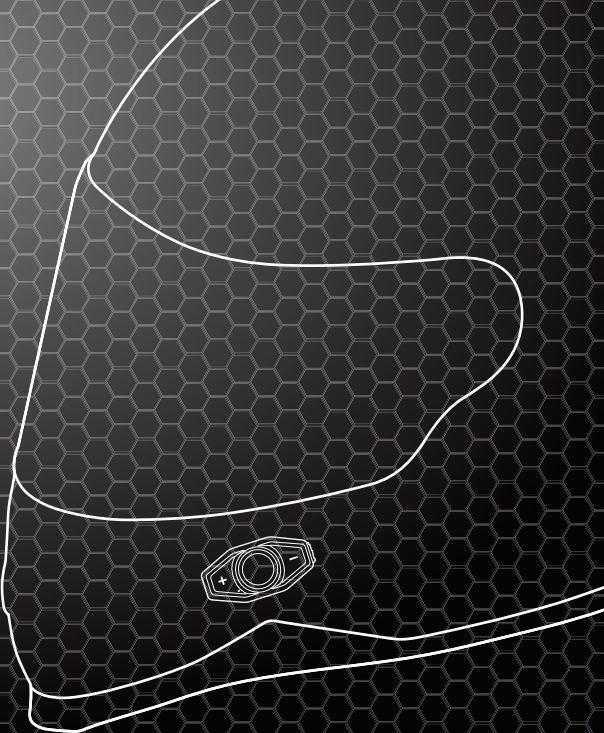


USER GUIDE

DWO-5

 *Bluetooth*® Helmet Headset

By **SENA**





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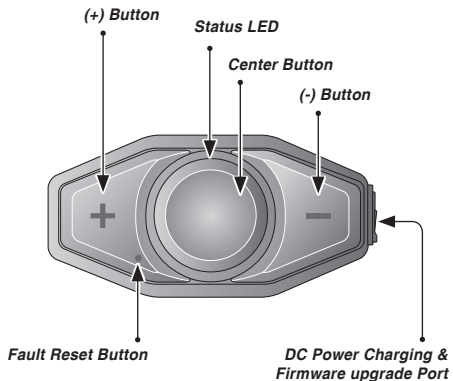
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1 GETTING STARTED

1.1 Button Operation

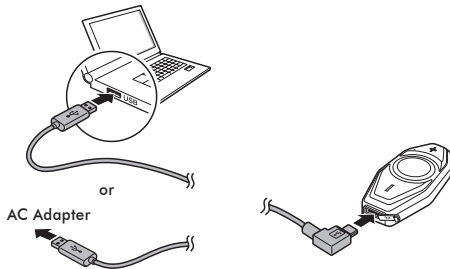


1.2 Powering On and Off

To power on the headset, press the Center Button and the (+) Button at the same time while hearing ascending beeps and a voice prompt, **“Hello”**. To power off the headset, press the Center Button and the (+) Button at the same time while hearing descending beeps and a voice prompt, **“Goodbye”**.

1.3 Charging

You can charge the headset by connecting the supplied USB power & data cable into a computer's USB port or USB wall charger. You can use any standard micro USB cable to charge the unit. You can also charge them on the road using the cigarette charger. The charging LED turns red while charging and turns blue when fully charged. It takes about 2.5 hours to be completely charged.



1.4 Checking the Battery Level

1.4.1 LED Indicator

When the headset or the Handlebar Remote is powering on, their red LED flashes rapidly indicating the battery level.

4 flashes = High, 70~100%

3 flashes = Medium, 30~70%

2 flashes = Low, 0~30%

1.4.2 Voice Prompt Indicator

When you power on the headset, keep pressing the Center Button and the (+) Button simultaneously for about 5 seconds until you hear three, high toned beeps. Then you will hear a voice prompt indicating the battery level. However, if you release the buttons as soon as the headset turns on, you will not hear the voice prompt for the battery level indication.



1.5 Volume Adjustment

You can easily adjust the volume by pressing the (+) Button or the (-) Button. You will hear a beep when the volume reaches the maximum or minimum level. The volume is set and maintained independently at different levels for each audio source even when you reboot the headset. For example, once you set the volume for mobile phone handsfree, it will not change even if you adjust the volume for your Bluetooth MP3 music. However, if you adjust the volume during stand-by mode, it will affect volume levels of every audio source.

1.6 Sena Device Manager

The Sena Device Manager allows you to upgrade the firmware and configure the device settings directly from your PC. Using this software, you can assign speed dial presets, FM radio frequency presets and more. It is available for both Windows and Mac. For more information on downloading the Device Manager, please visit www.sena.com.

2 PAIRING THE HEADSET WITH BLUETOOTH DEVICES

Before using the BiLT DWO-5 Bluetooth headset with any other Bluetooth devices for the first time, you will need to pair them together. You can pair the DWO-5 with Bluetooth mobile phones, Bluetooth stereo devices such as MP3 players, or motorcycle specific Bluetooth GPS navigation, and with other Sena Bluetooth headsets. The pairing operation is required only once for each Bluetooth device. The headset remains paired with the devices and automatically reconnects to them when they are within range. You will hear a high toned single beep and a voice prompt whenever the headset reconnects to the paired device: **“Phone connected”** to a mobile phone, **“Media connected”** to a Bluetooth stereo device.

2.1 Mobile Phone Pairing - Mobile Phone, Bluetooth Stereo Device

1. Press and hold the Center Button for 12 seconds until you hear a voice prompt, **“Configuration menu”**.
2. Tap the (+) Button until you hear a voice prompt, **“Phone pairing”**.
3. Search for Bluetooth devices on your mobile phone. Select the BiLT DWO-5 in the list of the devices detected on the mobile phone.
4. Enter 0000 for the PIN. Some mobile phones may not ask for the PIN.
5. The mobile phone confirms that pairing has been completed and the headset is ready to use. You will hear a voice prompt, **“Your headset is paired”**.



6. If the pairing process is not completed within three minutes, the headset will return to stand-by mode.

Note:

1. *If the Bluetooth connection between the headset and a mobile phone is disconnected, press the Center Button for 3 seconds to recover the Bluetooth connection immediately.*
2. *If the Bluetooth connection between the headset and a media player is disconnected, press the Center Button for 1 second to recover the Bluetooth connection and play.*

2.2 Multipoint Pairing - Second Mobile Phone, GPS, and SR10

1. Press and hold the Center Button for 12 seconds until you hear a voice prompt, **“Configuration menu”**.
2. Tap the (+) Button until you hear a voice prompt, **“Multipoint pairing”**.
3. Search for Bluetooth devices on the HFP device. Select the BiLT DWO-5 in the list of the devices detected on the HFP device.
4. Enter 0000 for the PIN. Some HFP devices may not ask for the PIN.
5. The HFP device confirms that the pairing is completed and the headset is ready to use. You will hear a voice prompt, **“Your headset is paired”**.

Note:

1. *The Sena SR10 is a Bluetooth two-way radio adapter for group communication, and uses Hands-Free Profile. The incoming audio from the two-way radio via SR10 is heard in the background while having an intercom conversation or a mobile phone call.*
2. *The GPS navigation or a radar detector could be connected to the SR10 by wire. The GPS voice instruction or the radar detector alarm is also heard in the background via SR10 while having an intercom conversation or a phone call. Please refer to the SR10 User's Guide for details.*

2.3 Advanced Selective Pairing: A2DP Stereo or Handsfree

When you are using a smartphone, sometimes you may need to selectively use the headset for A2DP stereo music only or for mobile phone handsfree only. These instructions are for advanced users who want to pair the headset to their smartphones with only one selective profile: A2DP for stereo music or HFP for phone calls.

If you have previously paired a mobile phone to the headset, you must clear the previous pairing list on both devices: the mobile phone and the headset. To clear the pairing list on the headset, please do a factory reset or following the pairing list clearing procedure described in section 8.10, "Factory Reset" or 8.9, "Delete All Bluetooth Pairing Information". To clear the pairing list on the mobile phone, please refer to the mobile phone manual. For most smartphones, delete the headset from the list of Bluetooth devices in the settings menu.



2.3.1 A2DP Stereo Music Only

1. Press and hold the Center Button for 12 seconds until you hear a voice prompt, **“Configuration menu”**.
2. Tap the (+) Button until you hear a voice prompt, **“Media selective pairing”**.
3. Search for Bluetooth devices on your smartphone. Select the headset in the list of devices detected on your phone.
4. Enter 0000 for the PIN. Some mobile phones may not ask for PIN.

2.3.2 HFP for Phone Call Only

1. Press and hold the Center Button for 12 seconds until you hear a voice prompt, **“Configuration menu”**.
2. Tap the (+) Button until you hear a voice prompt, **“Phone selective pairing”**.
3. Search for Bluetooth devices on your smartphone. Select the headset in the list of devices detected on your phone.
4. Enter 0000 for the PIN. Some mobile phones may not ask for PIN.

2.4 Intercom Pairing

2.4.1 Pairing with Other BiLT DWO-5 Headsets for Intercom Conversation

The headset can be paired with up to three other headsets for Bluetooth intercom conversation.

1. Turn on the two headsets (A and B) that you would like to pair with each other.
2. Press and hold the Center Button of the headset A and B for 5 seconds until red LEDs of the both units start to flash rapidly. You will hear a voice prompt, “**Intercom pairing**”.
3. Tap the Center Button on any one of the two headsets A and B, and wait until the LEDs of both headsets turn to blue and intercom connection is automatically established. The two headsets A and B are paired with each other for intercom conversation. If the pairing process is not completed within one minute, the headset will return to stand-by mode.
4. You can make other pairing between headsets A and C, and between headsets A and D by following the same procedure as above.
5. The intercom pairing queue is ‘**Last-Come, First-Served**’. If a headset has multiple paired headsets for intercom conversations, the last paired headset is set as **first intercom friend**. The previous intercom friend becomes **second intercom friend, and third intercom friend**.



Note:

For example, after the pairing procedures listed above, headset D is the **first intercom friend** of headset A. Headset C is the **second intercom friend** of headset A, and headset B is the **third intercom friend of headset A**.

2.4.2 Pairing with Other Sena Headset Models for Intercom Conversation

The BiLT DWO-5 can be paired with all other Sena headset models such as the 20S, 10C and the 10S for intercom conversation. Please follow the same procedure as above to pair with these headset models.

3 MOBILE PHONE, GPS, SR10

3.1 Mobile Phone Call Making and Answering

1. When you have an incoming call, simply tap the Center Button to answer the call.
2. To end a call, press the Center Button for 2 seconds until you hear a mid-tone single beep, or wait for the called person to end the call.
3. To reject a call, press the Center Button for 2 seconds until you hear a beep while the phone is ringing.
4. There are several ways to make a phone call:

- Enter numbers on your mobile phone's keypad and make a call. Then the call is automatically transferred to the headset.
- Press the Center Button for 3 seconds in stand-by mode to activate the voice dialer of your mobile phone. For this, the voice dialing function must be available on the mobile phone. Refer to your mobile phone manual for further instruction.

Note:

- 1. If you have two phones connected to your headset and you have an incoming call from the second phone during the call of the first phone, then you may still receive the call from the second phone. In this case, the call from the first phone is on waiting mode. If you end a call, then it will automatically guide you to the first phone call.*
- 2. If you have a mobile phone and a GPS connected to your headset, you may not be able to listen to the GPS voice instruction during the phone call.*

3.2 Speed Dialing

You can quickly make a phone call by using the voice speed dial menu.

1. To enter into the voice speed dial menu, press the (+) Button for 3 seconds until you will hear a mid-toned single beep and a voice prompt, "**Speed dial**".
2. Tap the (+) Button or the (-) Button to navigate between the menus. You will hear voice prompts for each menu item.
3. Tap the Center Button to select a voice menu among the followings:

(1) Last number redial

(2) Speed dial 1

(3) Speed dial 2

(4) Speed dial 3

(5) Cancel

4. After selecting the last number redial menu, you will hear a voice prompt, **“Last number redial”**. Then, to redial the last phone call number, tap the Center Button.
5. To call one of the speed dials, tap the (+) Button or the (-) Button to navigate between the menus until you hear a voice prompt, **“Speed dial (#)”**. Then, tap the Center Button.
6. If you want to exit the speed dial immediately, tap the (+) Button or the (-) Button until you hear voice prompt, **“Cancel”**, and tap the Center Button. If you do not press any button within 15 seconds, the headset will exit the voice speed dial menu and go back to stand-by mode.

Note:

1. *Make sure that you connect the mobile phone and the headset to use the speed dial function.*
2. *You need to assign speed dial numbers before using the speed dial (please refer to section 8.5, “Assigning Speed Dial”).*

3.3 GPS Navigation

If you pair a Bluetooth GPS to the headset as described in section 2.2, *“Multipoint Pairing - Second Mobile Phone, GPS, and SR10”*, you can listen to GPS instructions wirelessly. Tap the (+) Button or the (-) Button to adjust volume. The GPS voice instruction interrupts intercom conversation but it is automatically reestablished after the GPS voice instruction ends.

3.4 Sena SR10, Two-Way Radio Adapter

You can use a two-way radio and the headset Bluetooth intercom simultaneously by using the Sena SR10, a Bluetooth Two-way Radio Adapter (please refer to section 2.2, “*Multipoint Pairing - Second Mobile Phone, GPS, and SR10*”). Incoming audio from the two-way radio will not interrupt an intercom conversation but is heard in the background. This is useful when you have an intercom conversation with a passenger on the back seat and use a two-way radio for group communication with other motorcycle riders.

4 STEREO MUSIC

4.1 Bluetooth Stereo Music

The Bluetooth audio device must be paired with the headset by following the “*Mobile Phone Pairing - Mobile Phone, Bluetooth Stereo Device*” procedures described in the section 2.1. The headset supports the Audio/Video Remote Control Profile (AVRCP), so if your Bluetooth audio device also supports the AVRCP, you can use the headset to remotely control music playback. Not only can you adjust the volume but you can also use functions such as play, pause, next track and previous track.

1. To play or pause music, press the Center Button for 1 second until you hear a double beep.
2. To adjust the volume, tap the (+) Button or the (-) Button.
3. To track forward or track back, press and hold the (+) Button or the (-) Button for 1 second until you hear a mid-tone single beep.

4.2 Music Sharing

You can start sharing music with an intercom friend using Bluetooth stereo music during a two-way intercom conversation (please refer to section 5.1, “Starting Two-way Intercom”). When you terminate music sharing, you can go back to the intercom conversation. To start or terminate sharing music, press the Center Button for 1 second during an intercom conversation until you hear a double beep. To track forward or track back, press and hold the (+) Button or the (-) Button for 1 second.

Note:

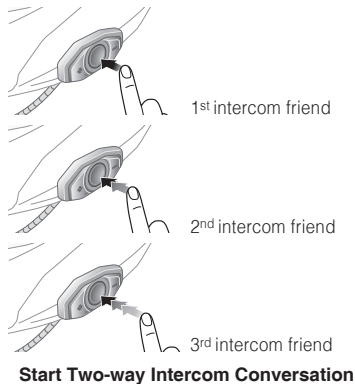
1. *Both you and your intercom friend can remotely control music playback such as track forward and track back.*
2. *Music sharing will be paused when you are using your mobile phone or listening to GPS instructions.*

5 INTERCOM

Please make sure your intercom devices are paired as described in section 2.4, “Intercom Pairing”.

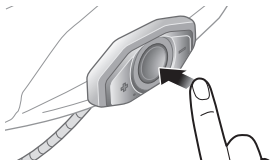
5.1 Starting Two-way Intercom

You can start an intercom conversation with one of any intercom friends by tapping the Center Button: Tap the Center Button once to intercom with the **first intercom friend**, tap the Center Button twice to intercom with the **second intercom friend**, and tap the Center Button three times to intercom with the **third intercom friend**.



5.2 Ending Two-way Intercom

To terminate an intercom conversation, single tap the Center Button. Any intercom connection with any intercom friend will be terminated by a single tapping. A double or triple tapping will do nothing in this case.



End Two-way Intercom Conversation

5.3 Intercom and Mobile Phone Call

1. When you have an incoming mobile phone call during an intercom conversation, you will hear a ring tone. You can choose whether to *1) answer the mobile phone call and stop the intercom conversation, or 2) reject the phone call and stay on the intercom conversation.*
 - 1) To answer the phone call and stop the intercom conversation, tap the Center Button. When you hang up the phone call, the intercom will automatically be recovered.
 - 2) To reject the phone call and stay on the intercom conversation, press the Center Button for 2 seconds until you hear a beep.

Unlike other motorcycle Bluetooth headsets, this prevents a user from being dropped out of an intercom conversation by an incoming mobile call.

2. When you have an incoming intercom call during a mobile phone call, you will hear double high toned beeps, alerting you that there is an incoming intercom call. You will also hear a voice prompt, **“Intercom requested”**. In this case, the intercom call does not override the mobile call because intercom has lower priority than mobile call. You have to hang up the mobile phone call to make or receive an intercom call.

6 UNIVERSAL INTERCOM

You can have an intercom conversation with non-Sena Bluetooth headsets using the Universal Intercom function. Non-Sena Bluetooth headsets can be connected to the Sena Bluetooth headset if they support the Bluetooth Hands-Free Profile (HFP). The working distance may differ depending on the performance of Bluetooth headset that it is connected to. In general, it is shorter than normal intercom distance since it uses the Bluetooth Hands-Free Profile.



6.1 Universal Intercom Pairing

The headset can be paired with non-Sena Bluetooth headsets for Bluetooth intercom conversation. You can pair the headset with only one non-Sena Bluetooth headset so if you pair with a different non-Sena Bluetooth headset, the previous pairing will be removed.

1. Turn on the headset and a non-Sena Bluetooth headset that you want to pair with.
2. Press and hold the Center Button for 8 seconds until the blue LED will flash rapidly and you will hear multiple beeps. You will hear a voice prompt, **“Universal intercom pairing”**.
3. Perform the operation required for handsfree pairing on the non-Sena Bluetooth headset (refer to the User’s Guide for the headsets you want to use). The headset will automatically pair with a non-Sena Bluetooth headset when each are in pairing mode.

6.2 Two-way Universal Intercom

You can initiate the Universal Intercom connection with non-Sena Bluetooth headsets using the same intercom connection method as you would between other Sena headsets. You may single tap the Center Button to begin an intercom conversation with the first intercom friend, double tap with the second intercom friend, and triple tap with the third intercom friend.

Non-Sena Bluetooth headsets may initiate the Universal Intercom connection, by activating the voice dialer or using the redialing operation. You may also disconnect the existing connection by using the operation to end a call (refer to the User’s Guide of the headsets for voice dialer, redialing, and ending a call).

7 FUNCTION PRIORITY

The BiLT DWO-5 operates in the following order of priority:

- (highest)** Mobile phone
- Intercom
- Music sharing by Bluetooth stereo music
- (lowest)** Bluetooth stereo music

A lower priority function is always interrupted by a higher priority function. For example, stereo music is interrupted by intercom call, and an intercom conversation is interrupted by an incoming mobile phone call.

8 CONFIGURATION SETTING

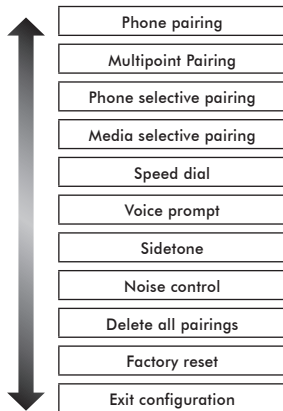
You can set the configuration of the BiLT DWO-5 by the voice menu instruction described below.

1. To enter into voice configuration menu, press and hold the Center Button for 12 seconds until the LED shows solid blue and you hear high toned double beeps. You will also hear a voice prompt, “**Configuration menu**”.
2. Tap the (+) Button or the (-) Button to navigate between the menus. You will hear voice prompts for each menu item as below.
3. You can enable/disable a feature or execute a command by tapping the Center Button.

4. If no button is pressed within 10 seconds, the headset will exit the configuration and go back to stand-by mode.
5. If you want to exit the configuration immediately, Tap the (+) Button or the (-) Button until you hear a voice prompt, “**Exit configuration**”, and tap the Center Button.

The voice prompt for each menu item is as below:

- (1) *Phone pairing*
- (2) *Multipoint Pairing*
- (3) *Phone selective pairing*
- (4) *Media selective pairing*
- (5) *Speed dial*
- (6) *Voice prompt*
- (7) *Sidetone*
- (8) *Noise control*
- (9) *Delete all pairings*
- (10) *Factory reset*
- (11) *Exit configuration*



8.1 Mobile Phone Pairing

Voice Prompt	"Phone pairing"
Factory Default	N/A

To go into mobile phone pairing mode, tap the (+) Button or the (-) Button until you hear the voice prompt, **"Phone pairing"**. Please refer to section 2.1 for details on mobile phone pairing. If you tap the (+) Button or the (-) Button, you can exit from the phone pairing mode.

8.2 Multipoint Phone Pairing

Voice Prompt	"Multipoint pairing"
Factory Default	N/A

To go into multipoint pairing mode, tap the (+) Button or the (-) Button until you hear the voice prompt, **"Multipoint pairing"**. Please refer to section 2.2 for details on second mobile phone pairing. If you tap the (+) Button or the (-) Button, you can exit from the second mobile phone pairing mode.

8.3 Phone Selective Pairing

Voice Prompt	"Phone selective pairing"
Factory Default	N/A

To go into phone selective pairing mode, tap the (+) Button or the (-) Button until you hear the voice prompt, **"Phone selective pairing"**. Please refer to section 2.3.2 for details on phone selective pairing. If you tap the (+) Button or the (-) Button, you can exit from the phone selective pairing mode.

8.4 Media Selective Pairing

Voice Prompt	"Media selective pairing"
Factory Default	N/A

To go into media selective pairing mode, tap the (+) Button or the (-) Button until you hear the voice prompt, **"Media selective pairing"**. Please refer to section 2.3.1 for details on media selective pairing. If you tap the (+) Button or the (-) Button, you can exit from the media selective pairing mode.

8.5 Assigning Speed Dial

Voice Prompt	"Speed dial"
Factory Default	N/A
Execute	Tap the Center Button

1. To assign a phone number as a speed dial, tap the (+) Button or the (-) Button until you hear a voice prompt, **"Speed dial"**.
2. Tap the Center Button, and you will hear a voice prompt, **"Speed dial one"** and **"Phone connected"**.
3. Tap the (+) Button or the (-) Button to select one of three speed dial numbers and you hear a voice prompt, **"Speed dial (#)"**.

4. Call a phone number you want to assign and you will hear a voice prompt, **“Save speed dial (#)”**. The phone number is automatically assigned to the selected speed dial number. Then the phone call will hang up before being connected.
5. To exit the menu, tap the (+) Button or the (-) Button until you hear a voice prompt, **“Cancel”**, and tap the Center Button to confirm. You will then hear a voice prompt, **“Cancel”**. If no button is pressed within 1 minute, the headset will exit the configuration menu and go back to stand-by mode.

Note:

After assigning a phone number to one of three speed dials, you can continually assign another phone number to the rest of two speed dials.

8.6 Enabling/Disabling Voice Prompts

Voice Prompt	“Voice prompt”
Factory Default	Enable
Enable/Disable	Tap the Center Button

You can disable voice prompts by configuration setting, but the following voice prompts are always on.

- Voice prompts for configuration setting menu
- Voice prompts for battery level indicator
- Voice prompts for speed dial

8.7 Enabling/Disabling Sidetone

Voice Prompt	“Sidetone”
Factory Default	Disable
Enable/Disable	Tap the Center Button

Sidetone is audible feedback of your own voice. It helps you to naturally speak at the correct level according to varying helmet noise conditions. If this feature is enabled, you can hear what you are speaking during an intercom conversation or a phone call.

8.8 Enabling/Disabling Advanced Noise Control™

Voice Prompt	“Noise control”
Factory Default	Enable
Enable/Disable	Tap the Center Button

When Advanced Noise Control is enabled, the background noise is reduced during an intercom conversation. When it is disabled, the background noise is mixed with your voice during intercom.

8.9 Delete All Bluetooth Pairing Information

Voice Prompt	“Delete all pairings”
Factory Default	N/A
Execute	Tap the Center Button

To delete all Bluetooth pairing information of the headset, tap the (+) Button or the (-) Button until you hear a voice prompt, **“Delete all pairings”**, and tap the Center Button to confirm.

8.10 Factory Reset

Voice Prompt	“Factory reset”
Factory Default	N/A
Execute	Tap the Center Button

To restore factory default settings on the BiLT DWO-5, tap the (+) Button or the (-) Button until you hear a voice prompt, **“Factory reset”**, and tap the Center Button to confirm. The BiLT DWO-5 powers off with a voice prompt, **“Headset reset, goodbye”**.

8.11 Exit Voice Configuration Menu

Voice Prompt	“Exit configuration”
Factory Default	N/A
Execute	Tap the Center Button

To exit voice configuration menu and get back to stand-by mode, tap the (+) Button or the (-) Button until you hear a voice prompt, **“Exit configuration”**, and tap the Center Button to confirm.

Tap (+) Button or (-) Button	Tap Center Button
Phone Pairing	None
Multipoint Pairing	None
Phone Selective Pairing	None
Media Selective Pairing	None
Speed Dial	Execute
Voice Prompt	Enable/Disable
Sidetone	Enable/Disable
Advanced Noise Control	Enable/Disable
Delete All Pairings	Execute
Factory Reset	Execute
Exit Configuration	Execute

Voice Configuration Menu & Button Operations

9 FIRMWARE UPGRADE

The BiLT DWO-5 supports firmware upgrades. You can update the firmware using the Sena Device Manager (please refer to section 1.6, “Sena Device Manager”). Please visit Sena Bluetooth website at www.sena.com to check the latest software downloads.

10 TROUBLESHOOTING

10.1 Intercom Failure

When you try to start an intercom conversation with an intercom friend who is unavailable within range or already having a conference intercom with other riders or a mobile phone call, you will hear a low tone double beep signifying an intercom busy signal. In this case, you have to try again later.



10.2 Intercom Reconnection

If your intercom friend goes out of range while having an intercom conversation, you may hear static noise and eventually the intercom will be disconnected. In this case, the BiLT DWO-5 automatically tries to reconnect the intercom every 8 seconds and you will hear high tone double beeps until the intercom is reestablished. If you do not want to make a reconnection, tap the Center Button to stop the attempt.

10.3 Fault Reset

When the headset is not working properly or is in faulty status for any reason, you may reset by pushing the pin-hole reset button below the (+) Button . Insert a paper clip into the reset pin-hole and press the reset button for a second with light pressure. The BiLT DWO-5 will be switched off. Restart the system and try again. This will not restore the headset to factory default settings.

10.4 Factory Reset

If you want to restore the headset to factory default settings, use the Factory Reset in the configuration menu. The headset automatically restores the default settings and turns off. Please refer to section 8.10, “*Factory Reset*” for more details.

11 OPERATION QUICK REFERENCE

Type	Function	Button Command	LED	Beep
Basic Function	Power on	Press the Center Button and the (+) Button for 1 second	Solid blue	Ascending beeps
	Power off	Tap the Center Button and the (+) Button	Solid red	Descending beeps
	Volume adjustment	Tap the (+) Button or the (-) Button	-	-
Mobile Phone	Answer mobile phone call	Tap the Center Button	-	-
	End mobile phone call	Press the Center Button for 2 seconds	-	-
	Voice dial	Press the Center Button for 3 seconds	-	-
	Speed dial	Press the (+) Button for 3 seconds	-	Mid-tone single beep
	Reject incoming call	Press the Center Button for 2 seconds	-	-



Type	Function	Button Command	LED	Beep
Intercom	Intercom pairing	Press the Center Button for 5 seconds	Red flashing	Mid-tone single beep
		Tap the Center Button of any one of the two headsets		
	Start/End each intercom	Tap the Center Button	-	-
Music	Play/Pause Bluetooth music	Press the Center Button for 1 second	-	Mid-tone double beep
	Track forward/back	Press the (+) Button or the (-) Button for 1 second	-	-

CERTIFICATION AND SAFETY APPROVALS

FCC Compliance Statement

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

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

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

- Reorient or relocate the receiving antennae
- Increase the separation between the equipment and the receiver



- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. The antenna used for this transmitter must not transmit simultaneously with any other antenna or transmitter, except in accordance with FCC multi-transmitter product procedures.

FCC Caution

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

CE Declaration of Conformity

This product is CE marked according to the provisions of the R&TTE Directive (99/5/EC). Hereby, Sena declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. For further information, please consult www.sena.com. Please note that this product uses radio frequency bands not harmonized within EU. Within the EU this product is intended to be used in Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, The Netherlands, Portugal, Spain, Sweden, United Kingdom and within EFTA in Iceland, Norway and Switzerland.

Industry Canada Statement

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

- (1) This device may not cause interference.

- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Bluetooth License

The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Sena is under license. Other trademarks and trade names are those of their respective owners.

The product is compliant with and adopts the Bluetooth® Specification 3.0 and has successfully passed all interoperability tests that are specified in the Bluetooth® specification. However, interoperability between the device and other Bluetooth®-enabled products is not guaranteed.

WEEE (Waste Electrical and Electronic Equipment)



The crossed-out wheel bin symbol on the product, literature, or packaging reminds you that all electrical and electronic products, batteries, and accumulators must be taken to separate collection at the end of their working life. This requirement applies to the European Union and other locations where separate collection systems are available. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please do not dispose of these products as unsorted municipal waste, but hand it in at an official collection point for recycling.

SAFETY INFORMATION

Please ensure that the product is properly used by observing the warnings and cautions below to prevent any risk and/or damage to property.

Product Storage and Management

- Keep the product free of dust. It may damage mechanical and electronic parts of the product.
- Do not store the product in high temperatures as this may reduce the life span of electronic devices, damage the battery, and/or melt plastic parts of the product.
- Do not store the product in cold temperatures. Abrupt changes in temperatures may cause condensation and damage electronic circuits. Do not clean the product with cleaning solvents, toxic chemicals, or strong detergents as this may damage the product.

- Do not paint the product. Paint may obstruct moving parts or interfere with the normal operation of the product.
- Do not drop or otherwise shock the product. It may damage the product or its internal electronic circuits.
- Do not disassemble, repair or modify the product as this may damage the product and invalidate the product warranty.

Product Use

- In some regions, it is prohibited by law to ride motorcycles or bicycles while wearing headsets. Therefore be certain to comply with all relevant laws in the region before using the product.
- Use of the product at a high volume for a long period of time may damage your eardrums or hearing ability. Keep the volume at a modest level.

- Do not cause impact to the product or touch it with sharp tools as this may damage the product.
- Do not use the product in high-temperatures or apply heat to the product as this may cause damage, explosion, or fire.
- Keep the product dry and away from water. It may damage the product.
- Keep product away from pets or small children. It may damage the product or cause accidents.
- Do not use the product near a microwave oven or a wireless LAN device as this may cause malfunction or interference with the product.
- In any place where wireless communication is prohibited, such as hospitals or airplanes, turn off the power and refrain from using the product. In a place where wireless communication is prohibited, electromagnetic waves may cause hazards or accidents.
- Do not use the product near hazardous explosives. When there are near any explosion hazards, turn off the power and heed any regulations, instructions, and signs in the area.
- When using the product, drive at a low speed (slower than 35km/h) for safety. In addition, be certain to conform to laws regarding the use of communications devices while driving.
- Do not put the product where it may hamper the driver's vision or manipulate it while driving. This may cause traffic accidents.
- Before driving, fasten the product to the helmet, and double-check that it is fastened. Separation of the product while driving may cause damage to the product or accidents.
- If the product is damaged, stop using it immediately. It may cause damage, explosion, or fire.

Battery

This product has an irreplaceable rechargeable battery inside. Therefore, when using the product, make sure to adhere to the following:

- Never separate the battery from the product as this may damage the product.
- The battery performance may be reduced over time with usage.
- In recharging the battery, make sure to use an approved charger provided by the manufacturer. Use of a non-approved charger may cause fire, explosion, leakage, and other hazards may also reduce the life time or performance of the battery.
- Store the battery at temperatures of 15°C~25°C (59°F~77°F). Higher or lower temperatures may reduce the capacity and life of the battery, or may cause temporary non-operation. Do not use the product in sub-zero temperature, because it may cause serious reduction of the battery performance.
- If you apply heat to the battery or throw it into fire, it may explode.
- Do not use the product with a damaged battery. It may explode and/or cause accidents.
- Never use a damaged charger. It may explode and/or cause accidents.
- Battery life may vary depending on conditions, environmental factors, functions of the product in use, and devices used with it.

PRODUCT WARRANTY AND DISCLAIMER

Limited Warranty

Limited Warranty

Sena Technologies, Inc. (“Sena”) guarantees the product quality based on the technical specification stated in the product manual, and data regarding product warranty. Here, product warranty extends to the product only. Sena will not be liable for any loss, damage of human life, or loss of property which may result from using the product beyond defective parts or flaws that occur due to problems in manufacture.

Warranty Period

Sena guarantees free-of-charge replacements of defective parts of the product or flaws that may have occurred due to problems in manufacture for a period of 2 years from the date of initial purchase.

Termination

Quality warranty of the product becomes effective on the date of initial purchase. In addition, the quality warranty of the product expires when the warranty period expires. However, in the following cases, the warranty will be terminated prematurely.

- In the event the product has been sold or transferred to a third party.
- In the event the manufacturer's name, serial number, product label, or other markings have been modified or removed.
- In the event any unauthorized person has tried to disassemble, repair, or modify the product.



Notice and Waiver

By buying and using this product, you relinquish considerable legal rights including any claim for compensation for damages. Therefore, be certain to read and understand the following terms and conditions before using the product. Use of this product will constitute consent to this agreement, and forfeiture of rights to all claims. If you do not consent to all the terms and conditions of this agreement, return the product for a refund. (Refer to the section “Return for Full Refund”).

1. You agree that you, your descendants, legal proxies, successors, or transferees will not raise permanent volitional request for any suit, claim, implementation, redemption or similar action from Sena with regard to any occasion such as difficulty, pain, suffering, inconvenience, loss, injury, or death which may occur to you or a third party during the use of this product.
2. You must completely understand and accept all risks (including those occurring due to any careless behavior of yours or others) which may occur during the use of this product.
3. You are responsible for ensuring that your medical condition permits usage of the product and that you are in sufficient physical condition for using any device which can be used with it. In addition, you must ensure that the product does not limit your abilities and that you are able to use it safely.
4. You must be an adult who can take responsibilities for using the product.
5. You must read and understand the following warnings and alerts:

- Sena; together with employees, managers, partners, subsidiaries, representatives, agents, supporting firms and suppliers, sole sellers of Sena (collectively referred to as "the company") recommend that, before using the product and similar devices of any brands including its derivative models, you collect any relevant information in advance and be entirely prepared in terms of weather, traffic situation, and road conditions.
 - When you use the product while you operating any vehicle or equipment such as motorcycles, scooters, mopeds, ATVs, or quad-bikes (hereinafter called as "transportation means"), you must take complete caution regardless of the location of such operation.
 - Use of the product on the road may cause such risks as fracture, serious disability, or death.
- Risk factors, which may occur when you use the product, may be due to errors of the manufacturer, its agents, or third parties which are involved in the manufacturing.
 - Risk factors, which may occur when you use the product, may be unforeseeable. Therefore, you must take full responsibility for any damage or loss caused by all risk factors which may occur when using the product.
 - When you use the product, use good judgment; never use it under the influence of alcohol.
6. You must read and completely understand all terms and conditions of legal rights and warnings that are involved in using the product. In addition, usage of the product constitutes acceptance of all terms and conditions regarding waiver of rights.



Warranty Exclusions

Reasons for Limited Liabilities

If you do not return the product after purchasing it, you relinquish all rights to liabilities, loss, claims, and claims for reimbursement of expenses (including attorney's fees). Therefore, Sena will not be liable for physical injury, death, or any loss or damage of transportation means, possessions, or assets which belong to you or third parties that may have occurred while you use the product. Further, Sena will not be liable for any substantial damage not related to the, condition, environment, or malfunction of the product. All risks related with the operation of the product depend entirely on the user regardless of its use by the initial purchaser of a third party.

Use of this product may violate local or national laws. In addition, be aware once again that correct and safe use of the product is entirely your responsibility.

Limitation of Liability

TO THE FULL EXTENT ALLOWED BY LAW, SENA EXCLUDES FOR ITSELF AND ITS SUPPLIERS ANY LIABILITY, WHETHER BASED IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY KIND, OR FOR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, PERFORMANCE, FAILURE, OR INTERRUPTION OF ITS PRODUCTS, EVEN IF SENA OR ITS AUTHORIZED RESELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND LIMITS ITS LIABILITY TO REPAIR, REPLACEMENT, OR REFUND OF THE PURCHASE PRICE PAID, AT SENA'S OPTION. THIS DISCLAIMER OF LIABILITY FOR DAMAGES WILL NOT BE AFFECTED IF ANY

REMEDY PROVIDED HEREIN SHALL FAIL OF ITS ESSENTIAL PURPOSE. IN ANY CASE, THE TOTAL COMPENSATION LIABILITIES OF SENA OR ITS SALES AGENTS SHALL NOT EXCEED THE PRICE PAID FOR THE PRODUCT BY THE PURCHASER.

Liabilities Disclaimer

In addition to damages which may occur due to the use of the product, Sena will not be liable for damages of the product which occur due to the following events.

- In the event the product is misused or used for purposes other than its intended purposes.
- In the event the product is damaged because the user does not follow the content of the product manual.
- In the event the product is damaged because it has been left unattended or has undergone any other accident.
- In the event the product is damaged because the user has used any parts or software which are not provided by the manufacturer.
- In the event the product is damaged because the user has disassembled, repaired, or modified it in such way as is not explained in the product manual.
- In the event the product is damaged by a third party.
- In the event the product is damaged due to Acts of God (including fire, flood, earthquake, storm, hurricane or other natural disaster).
- In the event the surface of the product is damaged by use.



Warranty Service

To obtain product warranty service, send the defective product, at your expense, to the manufacturer or the seller along with proof of purchase (a receipt that shows the purchase date, a product registration certificate of the Website, and other relevant information). Take necessary measures to protect the product. In order to get a refund or replacement, you must include the whole package as it was purchased.

Free-of-charge Service

Sena will provide free-of-charge repair or replacement service for the product when product defects occur within the scope of the product warranty during the warranty period.

Charged Service

Sena will provide charged repair or replacement service for the product when the product warranty period has been expired or when the product damage is beyond the scope of the product warranty. For further information on charged service, you may contact the service center of Sena.

Return for Full Refund

Should you not agree to the terms and conditions explained above, you may return the product for a full refund. To get a refund, within 14 days from the purchase date you must return the product to the seller in such a condition as it was purchased.

Unless you return the product within 14 days from the purchase date, you will have read and agreed to all the terms and conditions explained above, and Sena will not be liable for any claim for damages related with the product.

 **Bluetooth**[®] Helmet Headset