



Boom! Audio Expand 2.0

Bluetooth® Half Helmet Headset



www.harley-davidson.com

User's Guide



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SAFETY PRECAUTIONS

Please ensure that the product is properly used by observing the safety precautions below to prevent any risk of serious injury, death and/or damage to property.

Hazard alert signal words

The following safety symbols and signal words are used in this manual.



WARNING

Indicates a potential hazardous situations that, if not avoided, could result in death or serious injury.



CAUTION

Indicates a potential hazardous situation that, if not avoided, could result in minor or moderate injury.

NOTICE

Indicates information considered important, but not hazard-related. If not avoided, it could cause damage to your product.

Note

Notes, usage tips, or additional information

Product Use

Observe the following precautions to avoid injury or damage to your product while using the product.



WARNING

- Use of the product at a high volume for a long period of time may damage your eardrums or hearing ability.
- If the product emits an unusual smell, feels hot, or appears abnormal in any other way while using or charging, stop using it immediately. It may cause damage, explosion, or fire. Contact your sales location if any of these problems are observed.
- Careless use of the product on the road is risky and may result in serious injury, death or damage. You must heed all safety precautions in all documents that come with this product. This will help minimize the chance these risks may occur while riding.
- In any place where wireless communication is prohibited, such as hospitals or airplanes, turn off the power. In a place where wireless communication is prohibited, electromagnetic waves may cause hazards or accidents.



- Before riding, fasten the product from the helmet, and double-check that it is properly fastened. Separation of the product while riding will cause damage to the product and may result in an accident.
- Do not use the product in an explosive atmosphere. If you are in such a location, turn off the power and heed any regulations, instructions, and signs in the area.
- When you use the product while you operating any vehicle or equipment such as motorcycles, scooters, mopeds, ATVs, or quadbikes (hereinafter called “transportation means”), you need to follow the safety precautions provided by the manufacturer of the vehicle.
- When you use the product, use good judgment; never use it under the influence of alcohol or drugs or when you are extremely tired.

NOTICE

- Attaching the product to the helmet is considered a modification to the helmet and may void your helmet's warranty or compromise your helmet's functionality. This may entail risks during an accident, so be fully aware of this fact before using the product. Should you not accept this fact, you may return the product for a full refund.
- In some regions, it is prohibited by law to ride motorcycles while wearing headsets or earbuds. Therefore be certain you are aware of all relevant laws in the region where you are using the product and are sure that you comply with them.
- The headset is for motorcycle helmets only. To install the headset, you must follow the installation instructions shown in the User's Guide.
- Do not impact the product with sharp tools as this may damage the product.
- Keep product away from pets or small children. They may damage the product.
- Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void the limited warranty to operate the equipment.



Battery

Your product has a built-in battery. Be careful to heed all safety information in this guide. Failure to carefully observe the safety precautions can cause battery heat generation, bursting, fire and serious personal injury.



WARNING

- Do not use the product in direct sunlight for a long period of time. Doing so can damage the product and generate heat that can cause burns.
- Do not use or store the product inside cars in hot weather. It may cause the battery to generate heat, rupture, or ignite.
- Do not continue charging the battery if it does not recharge within the specified charging time. Doing so may cause the battery to become hot, explode, or ignite.
- Do not leave the product near open flames. Do not dispose of the product in a fire. It may cause the battery to become hot, explode, or ignite and cause serious injury.
- Never attempt to charge a battery with the charger which has been physically damaged. It may cause explosion and/or accidents.

Product Storage and Management

Take the following precautions to avoid personal injury or damage to your product while storing and maintaining the product.

NOTICE

- Keep the product free of dust. Dust may damage mechanical and electronic parts of the product.
- The product should be stored at room temperature. Do not expose the product to extremely high or low temperature as this may reduce the life span of electronic devices, damage the battery, and/or melt plastic parts of the product.
- 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.



- Do not store the product in humid environments, especially for long periods of time. It may damage the internal electronic circuits.
- Battery performance will deteriorate over time if stored for a long period of time without being used.

Note

- Do not dispose of the product with household waste. The built-in battery is not to be disposed of in municipal waste stream and requires separate collection. Disposal of the product should be done in accordance with the local regulations.



1. INTRODUCTION

The Boom! Audio Expand 2.0 is a Bluetooth Stereo headset with long-range Bluetooth intercom designed specifically for outdoor sports activities. With the Boom! Audio Expand 2.0, you can listen to stereo music, call handsfree on their Bluetooth mobile phone, and have intercom conversations in full duplex with up to four companions. Also, the easy-to-access and intuitive headset makes the Boom! Audio Expand 2.0 a perfect companion for outdoor sports.

The Boom! Audio Expand 2.0 is compliant with Bluetooth 3.0 supporting the following profiles: Headset Profile, Hands-Free Profile (HFP), Advanced Audio Distribution Profile (A2DP), and Audio Video Remote Control Profile (AVRCP). Please check with the manufacturers of other devices to determine their compatibility with this headset. Please read this user's guide carefully before using the headset. Also check oem.sena.com/harley-davidson for the latest version of the user's guide and additional information related to Harley-Davidson Bluetooth products.

The Boom! Audio Expand 2.0 features:

- Bluetooth 3.0
- Stable and secure fit for active condition
- Durable, sweat and water resistant for active condition
- Advanced Noise Control™
- Long-range Bluetooth intercom up to 900 meters (980 yards)*
- Four-way conference intercom
- Universal Intercom™
- Multipoint Bluetooth for dual mobile phone
- Crystal clear and natural sound quality
- Voice prompts
- Bluetooth stereo headset for Bluetooth audio devices such as MP3 players
- Bluetooth music playback control by AVRCP
- Rich sound level with integrated audio booster
- Bluetooth handsfree for Bluetooth mobile phones
- Individual volume control for each audio source
- Firmware upgradeable
- Peace of mind – thanks to the two-year warranty

Key Specifications:

- Bluetooth 3.0
- Supporting profiles: Headset Profile, Hands-Free Profile (HFP), Advanced Audio Distribution Profile (A2DP), Audio Video Remote Control Profile (AVRCP)

* in open terrain



2. PACKAGE CONTENTS

• Expand Headset

DC Power Charging & Firmware Upgrade Port

Status LED

Center Button

- Play and pause Bluetooth stereo device
- Answer and end a mobile phone call
- Reject an incoming mobile phone call
- Start and end intercom conversation
- Enter configuration menu
- Enter phone pairing mode
- Enter intercom pairing mode

Boom Microphone

Charging LED

(+) Button / (-) Button

- Volume adjustment
- Navigate through configuration menu
- MP3 Track-forward and track-back

Speaker

<Left Side>

Speaker

<Right Side>



USB Power & Data Cable



Speaker Pads



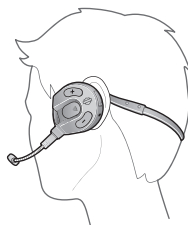
Microphone Sponges

3. GETTING STARTED

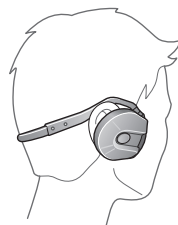
3.1 Wearing the Boom! Audio Expand 2.0

Proper fit on your ear and head is important both for comfort and optimal noise-reduction performance.

The speaker with microphone should be placed on the left ear. Then you can place earhooks over ears and pull the microphone in toward your lips as positioning the microphone with its talk side facing in as shown below.



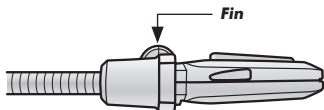
<Left Side>



<Right Side>



Please adjust the direction of the microphone so that the fin side of the microphone is facing outward; away from your lips. You can easily recognize it by touching the fin with your fingers.



3.2 Powering On

Press and hold the Center Button and the (+) Button at the same time for 1 second to power on. The blue LED turns on and you will hear ascending beeps and **"Hello"**.

3.3 Powering Off

Press the Center Button and the (+) Button simultaneously (you don't need to press and hold in order for the system to power off). The red LED turns on for about 2 seconds until it turns off completely and you will hear **"Goodbye"** and descending beeps.

3.4 Volume Adjustment

You can easily adjust the volume by pressing the (+) Button or the (-) Button. You will hear a beep when the volume reaches maximum or minimum level. The volume is set and maintained independently at different levels for each audio source even when you turn the headset off and on. For example, once you set the volume for mobile phone handsfree, it will not change even if you adjust the volume when you hear Bluetooth MP3 music. So you can always maintain the preferred optimum volume level for each audio source.



3.5 Function Priority

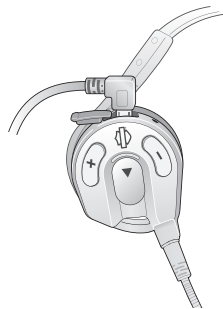
The Boom! Audio Expand 2.0 operates in the following order of priority:

- (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 an intercom call, and intercom conversation is interrupted by an incoming mobile phone call.

3.6 Charging

The charging LED beside the charging port turns red while charging, and turns to blue when the headset is fully charged. It takes about 2.5 hours to be completely charged. You can use the Boom! Audio Expand 2.0 while it is charging.



WARNING

When charging the battery, use only the approved charger provided by the manufacturer. Use of a non-approved charger may cause fire, explosion, leakage, and other hazards which may also reduce the life time or performance of the battery.

Note:

Any 3rd party USB charger can be used with Harley-Davidson products if the charger is approved by either the FCC, CE, IC or other locally approved agencies that Sena accepts.



3.7 Low Battery Warning

When the battery is low, the blinking blue LED in stand-by mode turns to red and you will hear mid-tone triple beeps and a voice prompt, “**Low battery**”.

3.8 Checking the Battery Level

You can check the battery level in two different ways when the headset is powering on.

3.8.1 LED Indicator

When the headset is powering on, the red LED flashes rapidly indicating the battery level.

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

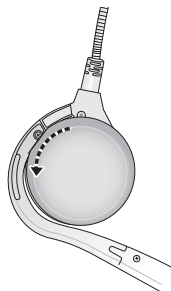
3.8.2 Voice Prompt Indicator

When you power on the headset, keep pressing the Center Button and the (+) Button simultaneously for several seconds until you hear high tone triple 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 giving the battery level indication.

3.9 Fault Reset

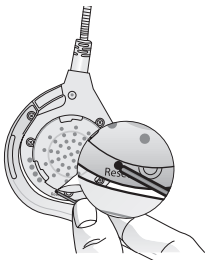
When the Boom! Audio Expand 2.0 is not working properly or is faulty for any reason, you may reset it by pushing the pinhole reset button at the back of the headset main unit.

1. Rotate the speaker pad of the left headset counter-clockwise to detach it.





2. Insert a paper clip into the reset pin-hole and press the reset button for a second using light pressure. The Boom! Audio Expand 2.0 will be switched off, and you have to turn the system back on and try again. However, this will not restore the headset to the factory default settings.



4. CONFIGURATION SETTING

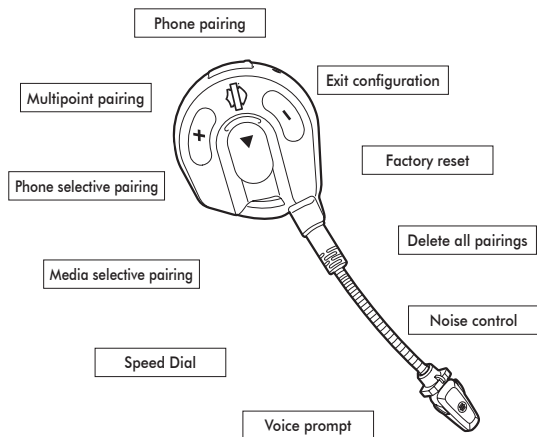
You can set the configuration of the Boom! Audio Expand 2.0 by the voice menu instructions as below.

1. To enter the voice configuration menu, press and hold the Center Button for 12 seconds until the LED shows solid blue and you hear high tone double beeps. You will also hear the voice prompt, **"Configuration menu"**.
2. Press the (+) Button or (-) 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 pressing the Center Button.
4. If you want to exit configuration immediately, press and hold the (+) Button or (-) Button until you hear the voice prompt, **"Exit configuration"**, then press the Center Button.



The voice prompt for each menu item is as follows:

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



4.1 Mobile Phone Pairing

Voice Prompt	"Phone pairing"
Factory Default	N/A

To go into mobile phone pairing mode, press the (+) Button or the (-) Button until you hear the voice prompt, **"Phone pairing"**. Please refer to section 5.1 for details on mobile phone pairing. If you press the (+) or (-) Button, you can exit from the phone pairing mode.

4.2 Multipoint Pairing

Voice Prompt	"Multipoint pairing"
Factory Default	N/A

To go into multipoint pairing mode, press the (+) Button or the (-) Button until you hear the voice prompt, **"Multipoint pairing"**. Please refer to section 5.3 for details on multipoint pairing. If you press the (+) or (-) Button, you can exit from the multipoint pairing mode.



4.3 Phone Selective Pairing

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

To go into phone selective pairing mode, press the (+) Button or the (-) Button until you hear the voice prompt, "**Phone selective pairing**". Please refer to section 6.1 for more details on phone selective pairing. If you press the (+) or (-) Button, you can exit from the phone selective pairing mode.

4.4 Media Selective Pairing

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

To go into media selective pairing mode, press the (+) Button or the (-) Button until you hear the voice prompt, "**Media selective pairing**". Please refer to section 6.2 for more details on media selective pairing. If you press the (+) or (-) Button, you can exit from the media selective pairing mode.

4.5 Assigning Speed Dial

Voice Prompt	"Speed dial"
Factory Default	N/A
Execute	Press 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 any button is not pressed within 1 minute, the Boom! Audio Expand 2.0 will exit the configuration menu and go back to stand-by mode.

Note:

1. 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.
2. You can assign phone numbers to speed dials in your PC. Please visit the web site at oem.sena.com/harley-davidson for more information.



4.6 Enabling/Disabling Voice Prompts

Voice Prompt	“Voice prompt”
Factory Default	Enable
Enable / Disable	Press 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 factory reset

4.7 Enabling/Disabling Advanced Noise Control™

Voice Prompt	“Noise control”
Factory Default	Enable
Enable / Disable	Press 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.

Note:

If you use your Boom! Audio Expand 2.0 with the Bluetooth Audio Pack for GoPro or Prism, you can enable or disable this feature only during Normal Audio Recording Mode. This feature is automatically disabled while in Ultra HD (UHD) Audio Mode.

4.8 Delete All Bluetooth Pairing Information

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

To delete all Bluetooth pairing information on the Boom! Audio Expand 2.0, press the (+) Button or the (-) Button until you hear the voice prompt, “**Delete all pairings**”. Press the Center Button to confirm.



4.9 Reset to Factory Default Setting

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

To restore factory default settings on the Boom! Audio Expand 2.0, press the (+) Button or the (-) Button until you hear the voice prompt, **“Factory reset”**. Press the Center Button to confirm. The Boom! Audio Expand 2.0 powers off with a voice prompt, **“Headset reset, goodbye”**.

Note:

You can also restore factory default settings on Boom! Audio Expand 2.0 by pressing the Center Button and the (+) Button for 12 seconds and tap Center Button to confirm.

4.10 Exit Voice Configuration Menu

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

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

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

Voice Configuration Menu & Button Operations



5. PAIRING THE EXPAND WITH BLUETOOTH DEVICES

Before using the Boom! Audio Expand 2.0 headset with any Bluetooth device for the first time, you need to do the pairing operation. It can be paired with Bluetooth mobile phones, Bluetooth stereo devices such as MP3 and with a Wireless Headset Interface such as H-D WHIM built-in Boom! Box. This pairing operation is only required once for each Bluetooth device. The headset will remain paired with the devices and automatically connects to the paired devices again when they are within range. You will hear a high tone single beep and a voice prompt when the headset connects to a paired device automatically: **“Phone connected”** for a mobile phone, or **“Media connected”** for a Bluetooth stereo device.

5.1 Mobile Phone Pairing

1. To enter the voice configuration menu, press and hold the Center Button for 12 seconds until you hear the voice prompt, **“Configuration menu”**.
2. By pressing the (+) Button, you will hear the voice prompt, **“Phone pairing”**.

3. Search for a Bluetooth device on your mobile phone. Select the Boom! Audio Expand 2.0 in the list of devices detected on the mobile phone.
4. Enter 0000 for the PIN. Some mobile phones may not ask for a PIN.
5. The mobile phone confirms that pairing has completed and the Boom! Audio Expand 2.0 is ready to use. You will hear the voice prompt, **“Your headset is paired”**.
6. If the pairing process is not completed within three minutes, the Boom! Audio Expand 2.0 will return to stand-by mode.

5.2 Pairing with the H-D WHIM Wireless Headset Interface Module

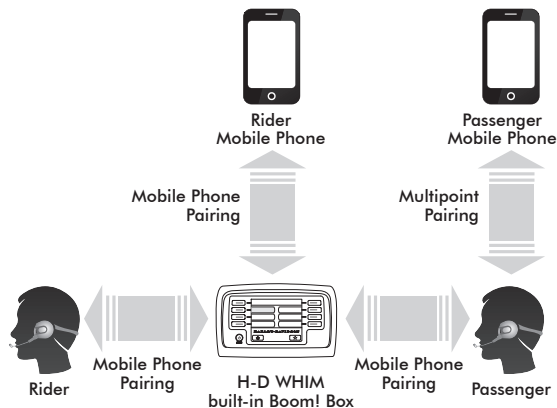
The H-D WHIM built-in Boom! Box is a Wireless Headset Interface for group communication. If you pair the Boom! Audio Expand 2.0 with an H-D WHIM built-in Boom! Box by mobile phone pairing.

1. To enter the voice configuration menu, press and hold the Center Button for 12 seconds until you hear the voice prompt, **“Configuration menu”**.
2. Press the (+) Button and you will hear the voice prompt, **“Phone pairing”**.
3. Turn on the Boom! Box system and follow the **“Wireless Headset Setup”** procedure to complete the process. Please refer to the Boom! Box Owner's Manual for details.



4. When the pairing is completed, you will hear the voice prompt, **"Your headset is paired"**.
5. If the pairing process is not completed within three minutes, the Boom! Audio Expand 2.0 will return to stand-by mode.

The H-D WHIM built-in Boom! Box can be connected to the rider and the passenger's headset. Also, the H-D WHIM built-in Boom! Box can be connected to the rider's mobile phone. The rider's headset should be paired first followed by the passenger's. Please refer to the Boom! Box Owner's Manual for details. You can listen to music, answer a mobile call, and have an intercom conversation via the H-D WHIM built-in Boom! Box for group communication as shown in the figure.



Parallel Connection of H-D WHIM built-in Boom! Box and Mobile Phone by Mobile Phone Pairing

5.3 Multipoint Pairing

Typical Bluetooth headsets can connect with only one HFP (Hands-Free Profile) device, but multipoint pairing allows the headset to connect with two HFP devices at the same time. So, when you already have a mobile phone connected with the Boom! Audio Expand 2.0, you can also pair and connect a second mobile phone or other HFP device.



1. To enter the voice configuration menu, press and hold the Center Button for 12 seconds until you hear the voice prompt, **"Configuration menu"**.
2. Press the (+) Button twice then you will hear the voice prompt, **"Multipoint pairing"**.
3. If you want to pair a second mobile phone, search for the Bluetooth device on your mobile phone, and select the Boom! Audio Expand 2.0 in the list of 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 completed and the Boom! Audio Expand 2.0 is ready to use. You will hear the voice prompt, **"Your headset is paired"**.

5.4 Bluetooth Stereo Device Pairing

If the Bluetooth stereo device is integrated with a mobile phone such as a smartphone, you don't need to pair the Boom! Audio Expand 2.0 with it separately. When the Boom! Audio Expand 2.0 is paired with the mobile phone, it is also paired as a stereo music device.

If you have a stand alone Bluetooth stereo device, follow the pairing procedure separately. The procedure is the same as the procedure given in "4.1 Mobile Phone Pairing".

Note:

1. If a Bluetooth connection between the headset and a mobile phone is disconnected, press and hold the Center Button for 3 seconds until you hear a high tone single beep to recover the Bluetooth connection immediately.
2. If a Bluetooth connection between the headset and a media player is disconnected, press and hold the Center Button for 1 second to recover the Bluetooth connection and play.



6. PAIRING WITH SELECTIVE PROFILE: HFP OR A2DP STEREO

If you have a MP3 stereo music phone such as a smartphone, sometimes you may need to selectively use the Boom! Audio Expand 2.0 for A2DP stereo music only or for mobile phone handsfree only. This instruction is for advanced users who want to pair the Boom! Audio Expand 2.0 to their smartphones with only one selective profile: A2DP stereo for music or HFP for phone call.

If you have previously paired a mobile phone to the Boom! Audio Expand 2.0, you must clear the previous pairing list on both devices; the mobile phone and the Boom! Audio Expand 2.0. To clear the pairing list on the Boom! Audio Expand 2.0 , please do a factory reset or follow the pairing list clearing procedure described in this user's guide. To clear the pairing list on the mobile phone, please refer to the mobile phone manual. For most smartphones, delete the Boom! Audio Expand 2.0 from the list of Bluetooth devices in the setting menu.

6.1 Phone Selective Pairing: HFP for Phone Call Only

1. To enter the voice configuration menu, press and hold the Center Button for 12 seconds until you hear the voice prompt, "**Configuration menu**".
2. Press the (+) Button three times and you will hear the voice prompt, "**Phone selective pairing**".
3. Search for Bluetooth devices on your smartphone. Select the Boom! Audio Expand 2.0 in the list of devices detected on your phone.
4. Enter 0000 for the PIN. Some smart phones may not ask for a PIN.

6.2 Media Selective Pairing: A2DP Stereo Music Only

1. To enter the voice configuration menu, press and hold the Center Button for 12 seconds until you hear the voice prompt, "**Configuration menu**".
2. Press the (+) Button four times and you will hear the voice prompt, "**Media selective pairing**".
3. Search for Bluetooth devices on your smartphone. Select the Boom! Audio Expand 2.0 in the list of devices detected on your phone.
4. Enter 0000 for the PIN. Some smartphones may not ask for a PIN.



7. STEREO MUSIC

You can listen to stereo music from your Bluetooth wireless audio device. The Bluetooth audio device must be paired with the Boom! Audio Expand 2.0 by following the “Bluetooth Stereo Device Pairing” procedures described in chapter 5.4. The Boom! Audio Expand 2.0 supports the Audio/Video Remote Control Profile (AVRCP), so if your Bluetooth audio device also supports AVRCP, you can use the Boom! Audio Expand 2.0 to remotely control music playback. You can not only adjust the volume but also use functions such as play, pause, next track and previous track.

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

You can stop music streaming while you are listening to the music by keeping pressing the (-) Button for 4 seconds until you hear high tone double beeps.

8. MOBILE PHONE CALL MAKING AND ANSWERING

8.1 Mobile Phone Call Making and Answering

1. When you have an incoming call, press the Center Button to answer the call.
2. To end a call, press and hold 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 and hold 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 keypad and make a call. Then the call is automatically transferred to the headset.
 - In stand-by mode, press and hold the Center Button for 3 seconds, to activate the voice dialing of your mobile phone. You will hear a high tone single beep. Your mobile phone has to support voice dialing. Refer to your mobile phone manual for further instructions.



- To cancel voice dialing or redialing the last number command, press the Center Button while it is in progress.

If you have a second mobile phone connected with the Boom! Audio Expand 2.0 by multipoint connection, you can answer the incoming call to the second mobile phone by pressing the Center Button while you are on the line of the first mobile phone. In this case, the first call is on call waiting.

8.2 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 and hold the (+) Button for 3 seconds and you will hear a mid-tone 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 | (4) Speed dial 3 |
| (2) Speed dial 1 | (5) Cancel |
| (3) Speed dial 2 | |

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 a voice prompt, **"Cancel"**, and tap the Center Button. If any button is not pressed within 15 seconds, the Boom! Audio Expand 2.0 will exit the voice speed dial menu and goes back to stand-by mode.
7. To cancel the voice dialing or redialing last number command, tap the Center Button while it is in progress.

**Note:**

Make sure that you should connect the mobile phone and the headset in order to use the speed dial function.

Answer	Press the Center Button
End	Press the Center Button for 2"
Reject	Press the Center Button for 2"
Call	Use phone keypad
Speed Dial	Press the (+) Button for 3"
Voice Command	Press the Center Button for 3"

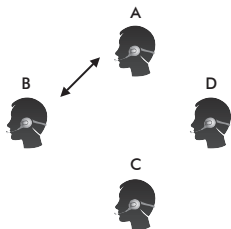
Mobile Phone Call Button Operations

9. INTERCOM

9.1 Pairing with Other Boom! Audio Expand 2.0 Headsets for Intercom Conversation

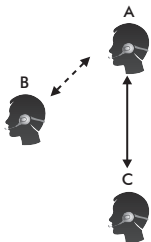
The Boom! Audio Expand 2.0 can be paired with up to three other headsets for Bluetooth intercom conversation.

1. Turn on the two Boom! Audio Expand 2.0 headsets (A and B) that you would like to pair with each other.
2. Press and hold the Center Button for 5 seconds, then you will hear a mid-tone single beep and the voice prompt, "**Intercom pairing**".
3. Simply press the Center Button of any one of the two headsets A or B (it doesn't matter which you choose.) and wait until the LEDs of both headsets turn to blue and intercom connection is automatically established. The two Boom! Audio Expand 2.0 headsets A and B are paired with each other for intercom conversation. If the pairing process is not completed within one minute, the Boom! Audio Expand 2.0 will return to stand-by mode.

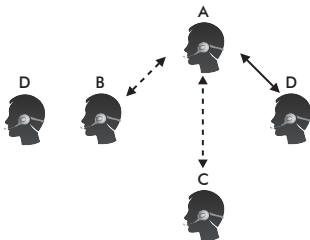


Pairing A & B

4. You can make other pairings between headsets A and C, and between headsets A and D by following the same procedure as above.



Pairing A & C



Pairing A & D

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 the **first intercom friend**. The previous intercom friend becomes the **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.*

9.2 Pairing with Other Boom! Audio Headset Models for Intercom Conversation

The Boom! Audio Expand 2.0 can be paired with all other Boom! Audio headset models for intercom conversation. Please follow the same procedure as above to pair with these headset models.



9.3 Two-way Intercom

9.3.1 Start and End Two-way Intercom

1. You can start a one-on-one intercom conversation with any intercom friend by pressing the Center Button: Single pressing to intercom with the first intercom friend, double pressing for the second intercom friend, or triple pressing for the third intercom friend.
2. To terminate a one-on-one intercom conversation, single press the Center Button. This will end the intercom conversation.

	1 st intercom friend	2 nd intercom friend	3 rd intercom friend
Start intercom	Press once	Press twice	Press three times
End intercom	Press once		

Start & End Two-way Intercom

9.3.2 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 or 3) ignore the incoming phone call and allow the caller to go to voice mail.
 - a. To answer the phone call and stop the intercom conversation, press the Center Button. When you hang up the phone call, the intercom will automatically be recovered.
 - b. To reject the phone call and stay on the intercom conversation, press and hold the Center Button for 2 seconds until you hear a beep.
 - c. To ignore an incoming phone call, just wait until the caller goes to voice mail. You will maintain the intercom call while the caller is leaving a voice message.

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

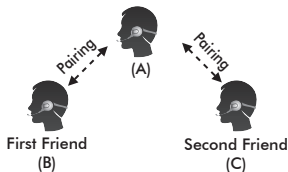
9.4 Three-way Intercom

9.4.1 Start Three-way Intercom

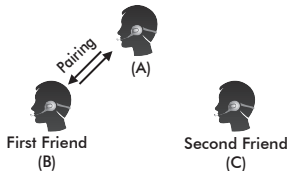
You (A) can have a three-way conference intercom with two other Boom! Audio Expand 2.0 friends (B & C) by establishing two intercom connections at the same time. While a three-way conference intercom is in progress, the mobile phone connection of all three participants would be temporarily disconnected, but as soon as the conference intercom terminates or one of the participants leaves the intercom, all mobile phones would be automatically reconnected. During the conference intercom, if you have an incoming mobile phone call, terminate the conference intercom to automatically reconnect the mobile phone and receive the call.



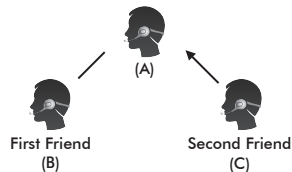
1. You (A) need to be paired with two other friends (B & C) for three-way conference intercom.



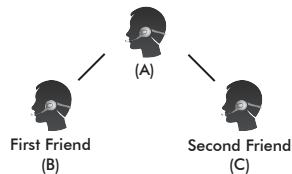
2. Start an intercom conversation with one of the two friends in your intercom group. For example, you (A) may start an intercom conversation with intercom friend (B). Or intercom friend (B) may start an intercom call with you (A).



3. The second intercom friend (C) may join the intercom by making an intercom call to you (A).



4. Now you (A) and two Boom! Audio Expand 2.0 intercom friends (B & C) are having a three-way conference intercom.





9.4.2 End Three-way Intercom

When you are a member of an active three-way conference intercom, you can completely terminate the conference intercom or just disconnect an intercom connection with one of your active intercom friends.

1. Press and hold the Center Button for 1 second until you hear a beep to terminate three-way conference intercom completely. It terminates both intercom connections with (B) and (C).
2. Press or press twice the Center Button to disconnect intercom connection with one of the two intercom friends accordingly. For example, by single pressing the Center Button, you can terminate the intercom connection with the first intercom friend (B). However, you still have the intercom connection with your second intercom friend (C). To disconnect from intercom friend (C), press twice the Center Button. Now both intercom friends are disconnected.

Center Button	Result
Press and hold for 1"	Disconnect (B) & (C)
Press once	Disconnect (B)
Press twice	Disconnect (C)

End Three-way Intercom

9.4.3 Three-way conference phone call with intercom participants

You can have a three-way conference phone call by adding an intercom friend to the mobile phone conversation. While having a mobile phone call, make an intercom call to one of your intercom friends (B, C or D) by pressing the Center Button once, twice or three times to form a three-way conference call with the person on the mobile phone line. To disconnect the intercom first and go back to your private mobile phone call, terminate the intercom by pressing the Center Button once. To end the mobile phone call first and maintain the intercom conversation, press and hold the Center Button for 2 seconds, or wait for the person on the mobile phone line to end the call.

Start	Press the Center Button while having a mobile phone call
End intercom first	Press the Center Button
End phone call first	Press and hold the Center Button for 2" or Wait for the called person to end the call

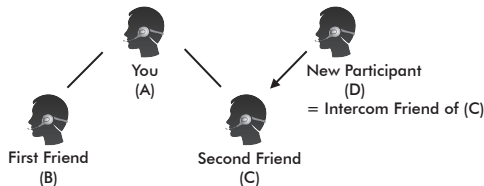
Start & End Three-way Conference Phone Call



9.5 Four-way Intercom

9.5.1 Start Four-way Intercom

You can have four-way conference intercom with three other Boom! Audio Expand 2.0 users by adding one more intercom participant to the three-way intercom. While you are having three-way intercom as above in section 9.4.1, a new participant (D), who is an intercom friend of your intercom friend (C), may join the conference intercom by making an intercom call to your intercom friend (C). Please note that in this case, the new participant (D) is an intercom friend of (C), not of you (A).



9.5.2 End Four-way Intercom

As in the case of three-way intercom, you can completely exit from the four-way conference intercom or just disconnect a single intercom connection.

1. Press and hold the Center Button for 1 second until you hear a beep to terminate four-way conference intercom. It terminates the intercom connections between you (A), and your intercom friends (B) and (C).
2. Press or press twice the Center Button to disconnect the intercom connection with one of the two intercom friends accordingly. However, when you disconnect the second friend (C) by pressing twice the Center Button, you will be disconnected with the third participant (D) as well. This is because the third participant (D) is connected with you via the second friend (C).

Center Button	Result
Press and hold for 1"	Disconnect (B), (C) & (D)
Press once	Disconnect (B)
Press twice	Disconnect (C) & (D)

End Four-way Intercom



9.6 Intercom Failure

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

9.7 Intercom Reconnection

If your intercom friend goes out of range while having an intercom conversation, you may hear static and eventually the intercom will be disconnected. In this case, the Boom! Audio Expand 2.0 automatically tries to reconnect the intercom every 8 seconds and you will hear high tone double beeps until the intercom is reestablished. If you don't want to make a reconnection, press the Center Button to stop the attempt.

10. MUSIC SHARING

You can start sharing music with an intercom friend using Bluetooth stereo music during a two-way intercom conversation. When you terminate music sharing, you can go back to the intercom conversation. To start or terminate sharing music, press and hold the Center Button for 1 second during an intercom conversation until you hear a double beep and you and your intercom friend will listen to or terminate sharing music. To track forward or track back, press the (+) Button or the (-) Button for 1 second until you hear a mid-tone single beep.

Note:

- 1. Both you and your intercom friend can remotely control music playback during music sharing such as track forward and track back.*
- 2. When you have an incoming call, make a phone call, or hear the turn-by-turn voice instruction of GPS during music sharing, the function will be paused.*
- 3. In order to share music, make sure that you update both headsets with the firmware that has the music sharing feature, and enable the EDR setting in the Boom Audio Bluetooth Device Manager.*



11. UNIVERSAL INTERCOM

You can have an intercom conversation with non-Boom! Audio Bluetooth headsets using the Universal Intercom function. Non-Boom! Audio Bluetooth headsets can be connected to the Boom! Audio 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.

11.1 Universal Intercom Pairing

The Boom! Audio Expand 2.0 can be paired with non-Boom! Audio Bluetooth headsets for Bluetooth intercom conversation.

1. Turn on the Boom! Audio Expand 2.0 and a non-Boom! Audio Bluetooth headset which you want to pair with.
2. Press and hold the Center Button on the Boom! Audio Expand 2.0 for 8 seconds until the blue LED flashes rapidly. You will hear a voice prompt saying **“Universal intercom pairing”**.

3. Perform the operation required for handsfree pairing on the non-Boom! Audio Bluetooth headset (refer to the users' manual of the headsets you want to use). The Boom! Audio Expand 2.0 will automatically perform pairing with non-Boom! Audio Bluetooth headsets in pairing mode.

11.2 Two-way Universal Intercom

You can initiate the Universal Intercom connection with non-Boom! Audio Bluetooth headsets using the same intercom connection method as you would between other Boom! Audio 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.

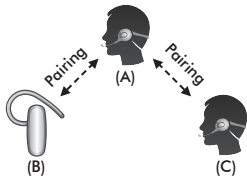
Non-Boom! Audio Bluetooth headsets may initiate the Universal Intercom connection, activating the voice dialing or using the redialing operation. You may also disconnect the existing connection by ending a call operation function (refer to the users' manual of the headsets for voice dialing, redialing, and ending a call).



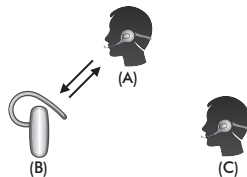
11.3 Three-way Universal Intercom

You may make a three-way Universal Intercom connection with two Boom! Audio Expand 2.0s and one non-Boom! Audio Bluetooth headset. If the intercom connection is made, all headsets connected cannot use the mobile phone call function since the connection between the headset and the phone is disconnected temporarily. If you disconnect the intercom call, the mobile phone connection is made again automatically so that you can use a mobile phone call function. During the intercom call, you cannot pick up the incoming phone call since it is disconnected, however, you can pick it up if you disconnect the intercom call.

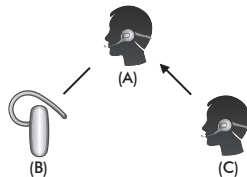
1. You (A) need to be paired with non-Boom! Audio Bluetooth headset (B) and another Boom! Audio Expand 2.0 (C) for the three-way conference intercom.



2. Start an intercom conversation with non-Boom! Audio Bluetooth headset (B) in your intercom group. For example, you (A) may start an intercom conversation with non-Boom! Audio Bluetooth headset (B). The non-Boom! Audio Bluetooth headset (B) may also start an intercom call with you (A).

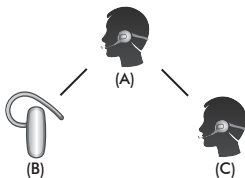


3. The other Boom! Audio Expand 2.0 (C) may join the intercom by making an intercom call to you (A).





4. Now you (A), non-Boom! Audio Bluetooth headset (B), and the other Boom! Audio Expand 2.0 (C) are having a three-way conference intercom.



5. You may disconnect the three-way Universal Intercom using the same way as you do in normal three-way intercom. Please refer to section, 9.4.2 "End Three-way Intercom".

11.4 Four-way Universal Intercom

You may make a four-way Universal Intercom connection with a couple of different configurations, 1) three Boom! Audio Expand 2.0s and one non-Boom! Audio Bluetooth headset or 2) two Boom! Audio Expand 2.0s and two non-Boom! Audio Bluetooth headsets.

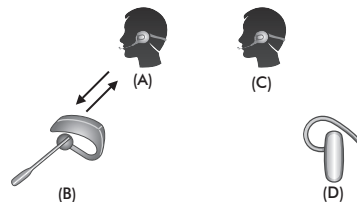
You may have a couple of other four-way Universal Intercom configurations, 1) your headset (A), a non-Boom! Audio Bluetooth headset (B), another Boom! Audio Expand 2.0 (C), and a non-Boom! Audio

Bluetooth headset (D), 2) your headset (A), a non-Boom! Audio Bluetooth headset (B), and two other Boom! Audio Expand 2.0s (C and D). You may make the four-way Universal Intercom call the same way as a normal four-way intercom call.

11.4.1 Four-way Universal Intercom Case 1

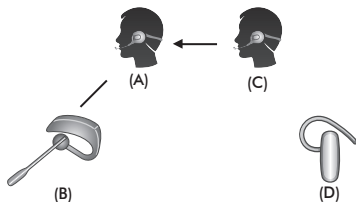
Two Boom! Audio Expand 2.0s (A and C) and two non-Boom! Audio Bluetooth headsets (B and D).

1. You (A) may start an intercom conversation with the non-Boom! Audio Bluetooth headset (B).

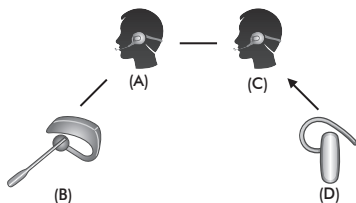




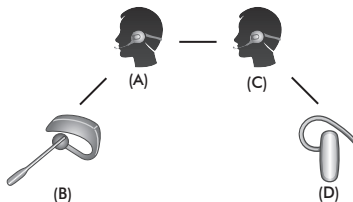
2. The other Boom! Audio Expand 2.0 (C) may join the intercom by making an intercom call to you (A).



3. The non-Boom! Audio Bluetooth headset (D) may join the conference intercom by making an intercom call to the Boom! Audio Mic (C).



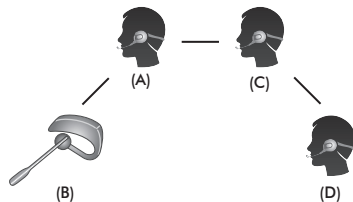
4. Now two Boom! Audio Expand 2.0s (A & C) and two non-Boom! Audio Bluetooth headsets (B & D) are connected with the four-way Universal Intercom.



You may disconnect a four-way Universal Intercom using the same way as you do in a normal four-way intercom. Please refer to section, 9.5.2 “End Four-way Intercom”.

11.4.2 Four-way Universal Intercom Case 2

Three Boom! Audio Expand 2.0s (A, C and D) and one non-Boom! Audio Bluetooth headset (B). The procedure is the same as the case 1 described in section 11.4.1.



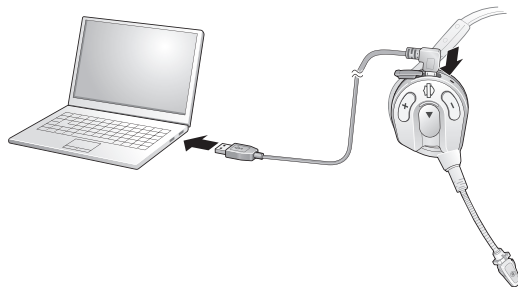
**Note:**

The Universal Intercom affects both the phone call connection on a non-Boom! Audio headset and the multipoint connection on a Boom! Audio headset.

- If the non-Boom! Audio headset does not support a multipoint connection then a phone call connection will be unavailable while using the Universal Intercom.
- If the non-Boom! Audio headset (that has been paired to the Boom! Audio headset) is powered on and is automatically connected, then the multipoint connection of the Boom! Audio headset will be deactivated. Therefore, the multipoint paired device such as a GPS will not be available for use with the Boom! Audio headset while the non-Boom! Audio headset is powered on, and turning it off will not automatically restore the multipoint connection. To restore the multipoint connection on a Boom! Audio headset, you should turn off the non-Boom! Audio headset first, then try to connect the multipoint paired device manually from the device screen or simply reboot the multipoint paired device so that it automatically connects to the Boom! Audio headset.

12. FIRMWARE UPGRADE

The Boom! Audio Expand 2.0 supports a firmware upgrade function. Please visit the web site at oem.sena.com/harley-davidson to check the latest software downloads.

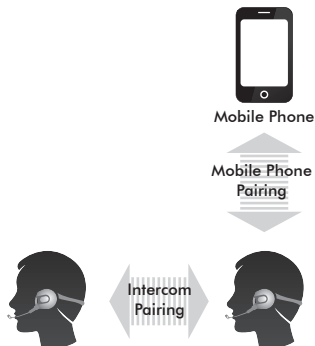




13. BLUETOOTH CONNECTION CASE STUDIES

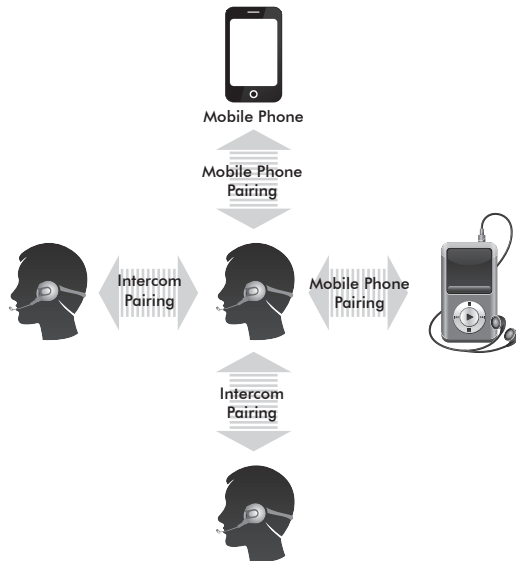
Case 1

- Mobile phone calls and stereo music streaming
- Boom! Audio Expand 2.0 for two-way intercom



Case 2

- Mobile phone calls
- MP3 Player for stereo music streaming
- Two other Boom! Audio Expand 2.0s for three-way conference intercom





14. OPERATION QUICK REFERENCE

Type	Description	Button	Duration	LED
Basic Function	Power-on	Center Button & (+) Button	1 sec	Sollid blue
	Power-off	Center Button & (+) Button	1 press	Solid red
	Volume Adjustment	(+) Button or (-) Button	1 press	-
Mobile Phone	Phone pairing	Center Button	12 sec	Blue & red alternatively flashing
		(+) Button	1 press	
	Answer mobile phone call	Center Button	1 press	-
	End a call	Center Button	2 sec	-
	Reject an incoming call	Center Button	2 sec	-
	Voice command	Center Button	3 sec	-
	Speed dial	(+) Button	3 sec	-
MP3	Play & pause music	Center Button	1 sec	-
	Track-forward & track-back	(+) Button or (-) Button	1 sec	-

Type	Description	Button	Duration	LED
Intercom	Intercom Pairing	Center Button	5 sec	Red flashing
		Center Button of any one of the two headsets		
	Universal intercom pairing	Center Button	8 sec	Blue flashing
	Start & end intercom conversation	Center Button	1 press	-
	End conference intercom	Center Button	1 press	Blue flashing



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 (1999/5/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 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 4.1 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.



LIMITED PRODUCT WARRANTY DISCLAIMERS, and LIMITATIONS

Limited Warranty

Limited Warranty

Harley-Davidson, Inc. ("Harley-Davidson") 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.

Warranty Period

Harley-Davidson warrants that this product shall conform to and perform in accordance with published technical specifications and the accompanying written materials, and shall be free of defects in materials and workmanship, for a period of two (2) years from the date of purchase by the first consumer purchaser of the Product. This limited warranty extends only to the original consumer purchaser of the Product and is not assignable or transferable to any subsequent purchaser/end-user.

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.

1. 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.



2. 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.
3. You must be an adult who can take responsibilities for using the product.
4. You must read and understand the following warnings and alerts:
 - Harley-Davidson and Sena Technologies, Inc. (“Sena”), together with employees, managers, partners, subsidiaries, representatives, agents, supporting firms and suppliers, sole sellers of Harley-Davidson and 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 “transportation means”), you need to follow the safety precautions provided by the manufacturer of the vehicle.

- When you use the product, use good judgment; never use it under the influence of alcohol.
5. 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, Harley-Davidson 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, Harley-Davidson 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, HARLEY-DAVIDSON 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 HARLEY-DAVIDSON 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 HARLEY-DAVIDSON'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 HARLEY-DAVIDSON 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, Harley-Davidson 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. Harley-Davidson 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.

