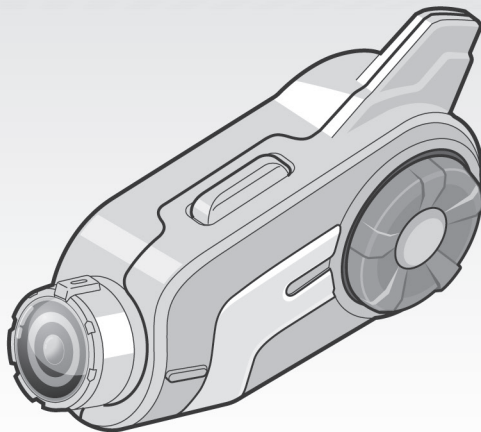


10C

Motorcycle Bluetooth® Camera & Communication System



-  Bluetooth®
4.1
-  Unibody Design
-  Full HD
1080P
-  30°
Lens Rotation
-  1.6km
1.0 mile Intercom
-  Four-way
Intercom
-  Voice Prompt
-  Smart
Audio Mix™
-  Advanced
Noise Control
-  Universal
Intercom
-  Music Sharing
-  FM Radio
-  Versatile Jog Dial
-  Use While
Charging
-  Audio Source
Priority
-  Audio
Multitasking

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1 INTRODUCTION

Thank you for choosing the Sena 10C, Motorcycle Bluetooth Camera & Communication System. With the 10C, you can record videos, take photos, call handsfree on your Bluetooth mobile phone, listen to stereo music or voice instructions of GPS navigations wirelessly, and have intercom conversations in full duplex with a passenger or other motorcycle riders.

The 10C is compliant with the Bluetooth 4.1 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 device to determine their compatibility with this headset.

Please read this User's Guide carefully before using the headset. Also check www.sena.com for the latest version of the User's Guide and additional information related to Sena Bluetooth products.

The 10C features:

- Bluetooth 4.1
- Unibody design for Bluetooth headset and video camera
- 1080p Full HD video with 3.5MP still shot image capture
- Video mode: 1080p:30fps, 720p:30/60fps
- Versatile photo mode: shot, burst and timelapse functions
- Pitch angle adjustment
- Lens rotation up to 30 degrees
- Bluetooth intercom up to 1.6 kilometers (1.0 miles)*
- Four-way intercom
- Voice prompts
- Smart Audio Mix™ to mix your voice and music into your video
- Smartphone App for iPhone and Android
- Advanced Noise Control™
- Universal Intercom™
- Music sharing
- Built-in FM radio tuner with a station scan and save function
- Optional Handlebar Remote support (not included)
- Easy operation by versatile Jog Dial
- Water resistant for use in inclement weather

- Can be used while charging on road trips
- Support microSD 32GB memory card (not included)
- Firmware upgradeable

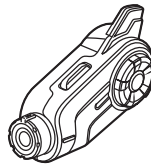
.....
* in open terrain

Key Specifications:

- Bluetooth 4.1
- Supporting profiles: Headset Profile, Hands-Free Profile (HFP), Advanced Audio Distribution Profile (A2DP), and Audio Video Remote Control Profile (AVRCP).

2 PACKAGE CONTENTS

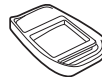
- **Headset Main Unit**



- **Clamp Unit**



- **Glued Surface Mounting Plate**



Speaker

- **Helmet Speakers**



- **Hook and Loop Fasteners for Speakers (4)**



- **Foam Speaker Covers (2)**



- **Speaker Pads (Thick) (2)**



- **Speaker Pads (Thin) (2)**



Attachable Boom Microphone

- **Attachable Boom Microphone**



- **Microphone Sponges (2)**



- **Hook and Loop Fastener for Attachable Boom Microphone**



- **Boom Microphone Holder**



- **Hook and Loop Fastener for Boom Microphone Holder**



Wired Microphone

- **Wired Microphone**

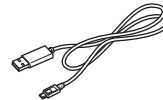


- **Hook and Loop Fastener for Wired Microphone**



Others

- **USB Power & Data Cable**



- **Allen Wrench**



- **Cigarette Charger**



- **Lens Cap**

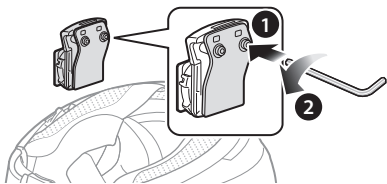


3 INSTALLING THE 10C ON YOUR HELMET

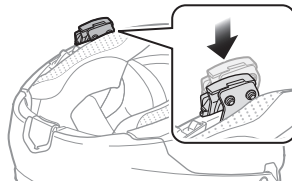
3.1 Installing the Main Unit

3.1.1 Using the Clamp Unit

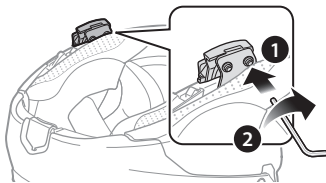
1. Loosen the two screws on the back plate of the clamp unit with the included allen wrench.



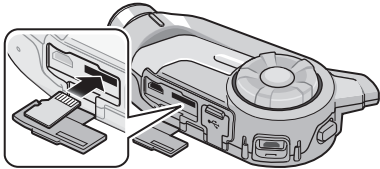
2. Insert the back plate of the clamp unit between the internal padding and external shell of the left side of the helmet.



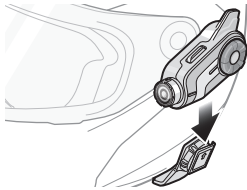
3. Tighten the two screws until the clamp unit is fastened firmly to the helmet.



4. Open the SD card cover and insert a microSD card (sold separately) into the card slot on the bottom of the main unit to use camera functions.



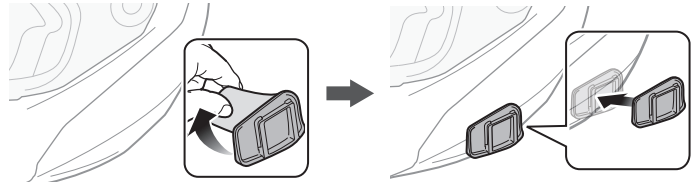
5. Attach the main unit to the clamp unit until you hear a click. The main unit is now fastened to the clamp unit.



3.1.2 Using the Glued Surface Mounting Plate

If you cannot install the clamp unit on the helmet, you can use the glued surface mounting plate to attach the clamp unit to the surface of the helmet.

1. Clean the area on the left side of the helmet where you will attach the glued surface mounting plate with a moistened towel and dry thoroughly.
2. Peel off the cover of adhesive tape of the glued surface mounting plate and attach it to the helmet.



3. Make sure that the glued surface mounting plate sticks on the helmet firmly. Maximum adhesion occurs after 24 hours.

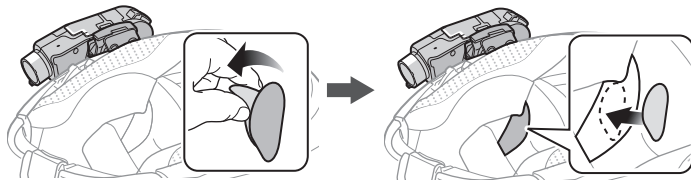
CAUTION:

Sena recommends using the clamp unit. The glued surface mounting plate is provided for convenience, but is not the recommended mounting method. Sena is not responsible for its use.

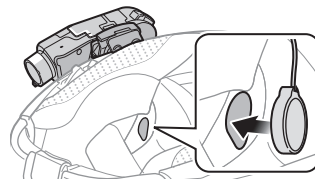
4. Attach the main unit to the glued surface mounting plate until you hear a click. The main unit is now fastened to the clamp unit.

3.2 Installing the Speakers

1. Peel off each cover of the hook and loop fasteners for speakers to expose the adhesive surface. Then, attach the fasteners to the ear pockets inside the helmet.

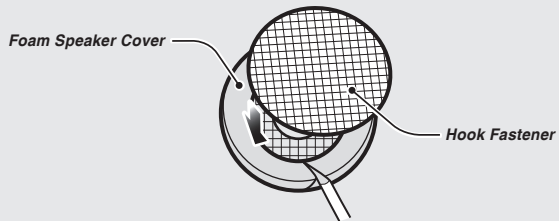


2. Attach the speakers to the hook and loop fasteners for speakers inside the helmet.

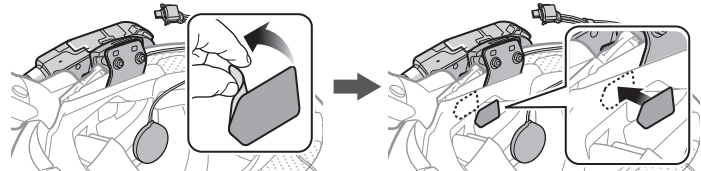


Note:

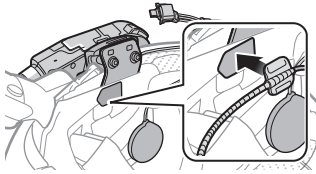
1. The speaker with the shorter wire is for the left ear and the speaker with the longer one is for the right ear.
2. If the helmet has deep ear pockets, you can use the speaker pads to bring the speakers closer to your ears.
3. To enhance the audio quality, you can make use of the foam speaker covers. Cover each speaker with the foam and attach the hook fastener at the back of the speaker. Then place the speakers in the helmet as described above. Foam covered speakers work most effectively when they are slightly touching your ears.

**3.3 Installing the Microphone****3.3.1 Using the Attachable Boom Microphone**

1. Peel off the cover of the hook and loop fastener for attachable boom microphone to expose the adhesive tape. Then, attach the fasteners on the inside surface of the left external shell.

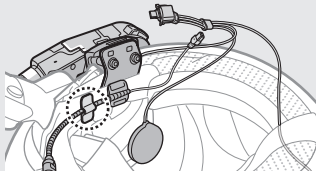


2. Attach the attachable boom microphone's mounting plate to the hook and loop fastener.

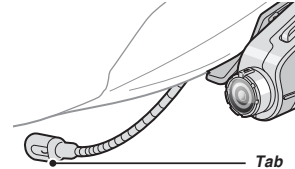


Note:

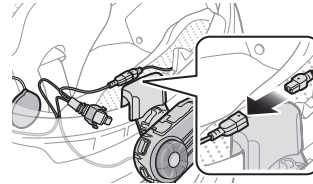
1. After you install the attachable boom microphone, make sure you reinstall the helmet's internal padding.
2. You can use the boom microphone holder after attaching the hook and loop fastener for boom microphone holder on it to ensure secure installation.



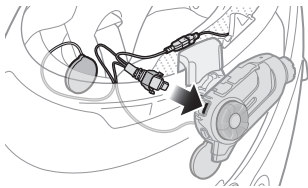
3. Make sure that the microphone's receiver is located near your mouth.
4. Adjust the head of the microphone so that the tab is facing away from your mouth.



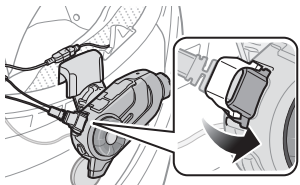
5. Align the arrows on the microphone and speaker cables and insert the microphone cable into the speaker cable.



6. Insert the speaker connector into the speaker port to connect it to the main unit.



7. Close the cover of the speaker cable to lock the cable to the port. The speaker cable is now fixed to the main unit.



Note:

After connecting the microphone and speaker cable, store any excess cable behind the internal padding of helmet to prevent wires from becoming damaged.

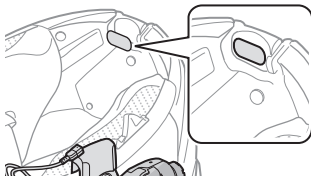
CAUTION:

When you remove the headset, make sure that you first detach the speaker cable from the main unit. Then, it is safe to remove the main unit from the clamp unit.

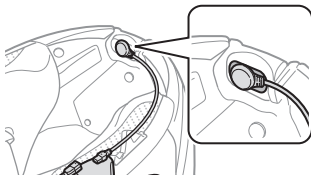
3.3.2 Using the Wired Microphone

If you have a full face helmet, you can use the wired microphone.

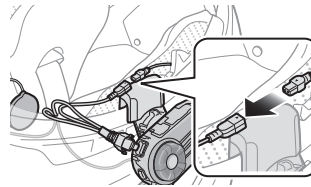
1. Attach the included hook and loop fastener for wired microphone to the inside of the helmet's chin guard.



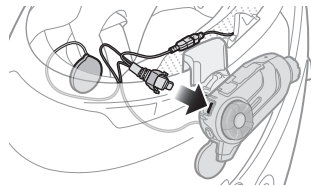
2. Attach the wired microphone to the hook and loop fastener for wired microphone.



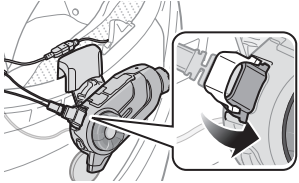
3. Align the arrows on the microphone and speaker cables and insert the microphone cable into the speaker cable.



4. Insert the speaker connector into the speaker port to connect it to the main unit.



5. Close the cover of the speaker cable to lock the cable to the port. The speaker cable is now fixed to the main unit.

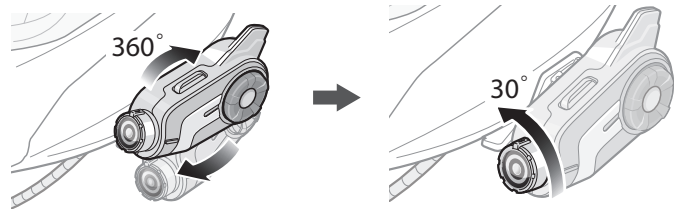
**CAUTION:**

When you remove the headset, make sure that you first detach the speaker cable from the main unit. Then, it is safe to remove the main unit from the clamp unit.

3.4 Adjusting the angle

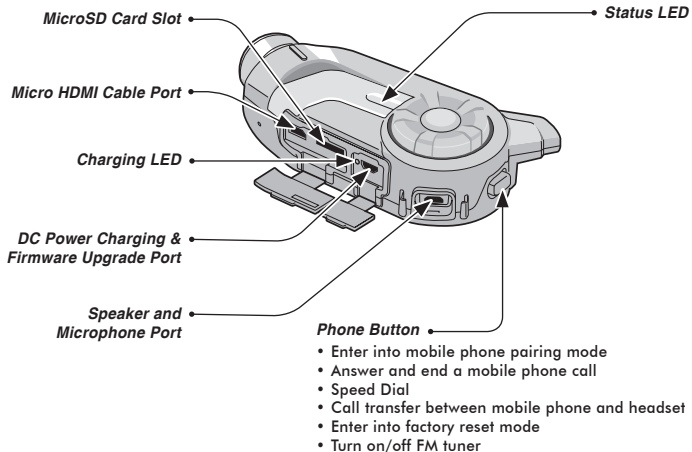
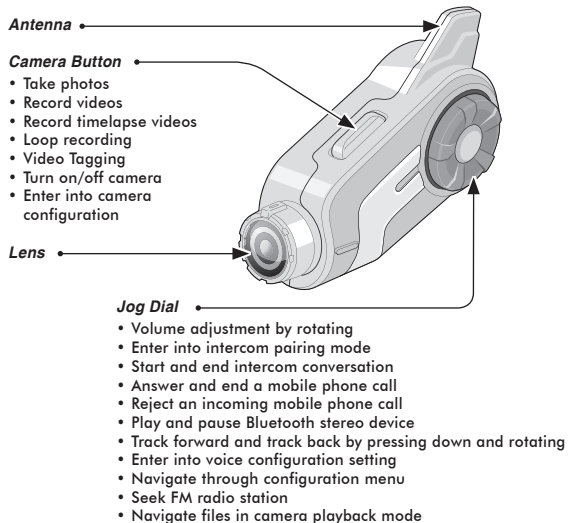
You can adjust the angle for taking photos or recording videos.

1. You can rotate the vertical angle by 360°. Loosen the wheel next to the main unit and rotate the main unit to set the desired angle. Tighten the wheel to lock it into position.
2. You can rotate the horizontal angle by 30°. Open the cover of the lens and rotate the lens to set the desired angle. The red tip of the lens should be perpendicular to the ground.



4 GETTING STARTED

4.1 Button Operation



4.2 Powering On and Off

Press the Jog Dial and the Phone Button at the same time to power on or off the headset. To power on the headset, press the Jog Dial and the Phone Button at the same time until the blue LED appears while hearing the ascending beeps. To power off the headset, press the Jog Dial and the Phone Button at the same time until the red LED appears briefly while hearing descending beeps.

4.3 Low Battery Warning

When the battery becomes low, you will hear a voice prompt, “**Camera off, battery low**”. The camera function will shut down soon, but other headset functions such as intercom will still be available for use. Then when the battery becomes very low, the blinking blue LED in stand-by mode turns to red and you will hear a voice prompt, “**Low battery**”. The headset will automatically shut down soon after.

4.4 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 headset. You can also charge the headset on the road using the cigarette charger. The LED turns red while the headset is charging and turns blue when it is fully charged. It takes about 3.5 hours to be completely charged.

4.5 Checking the Battery Level

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

4.5.1 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%

4.5.2 Voice Prompt Indicator

When you power on the headset, keep pressing the Jog Dial and the Phone Button simultaneously for about 3 seconds until you hear high tone triple beeps. Then you will hear a voice prompt indicating the battery level is high, medium, or low.

Note:

If you pair the headset with an iPhone, you can check the headset's battery next to the Bluetooth icon on the phone's screen.

4.6 Volume Adjustment

You can easily adjust the volume by rotating the Jog Dial. 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.

4.7 Sena Softwares

4.7.1 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.

4.7.2 Sena Smartphone App

The Sena Smartphone App allows you to configure device settings and read the User's Guide and the Quick Start Guide on your phone. Pair your phone with your 10C headset. Run the Sena Smartphone App and you can configure its settings directly from your smartphone. You can download the Sena Smartphone App for Android or iPhone from www.sena.com.

Note:

To copy the files stored in the camera to your computer, make sure you turn on the camera after connecting it via micro USB cable.

5 CAMERA OPERATION

5.1 Camera On or Off

To turn on the camera, tap the Camera Button. The camera turns off automatically after five minutes of inactivity. To turn off the camera manually, tap the Camera Button and the Phone Button simultaneously.

5.2 Camera Modes

| Mode | Application | Button |
|---------------|---|--|
| Video | Record video (normal, timelapse, loop recording) | Press and hold the Camera Button for 1 sec |
| Photo | Capture a single photo (Single Shot) or 5 photos (Burst Shot) | Tap the Camera Button |
| Video Tagging | Record only the important video footages | Press and hold the Camera Button for 3 secs Then press and hold the Camera Button for 1 sec |
| Playback | Playback videos and photos | - |
| Settings | Adjust camera settings | Press and hold the Camera Button for 8 secs |

Note:

Playback mode activates only if the camera is connected to a TV using a micro HDMI cable.

5.3 Video Recording

5.3.1 Normal Video Mode

To record a normal video, set the video mode setting in the camera configuration to be video mode. Press and hold the Camera Button for 1 second to start video recording. The green LED will flash and you will hear a voice prompt, **“Recording”**. Press and hold the Camera Button for 1 second to stop recording. You will hear a voice prompt, **“Recording stopped”**.

During video recording, you can record your voice on the video using the headset microphone. You can also choose to record everything you hear through your speakers on your video as well. Please refer to *section 15.3.9, “Smart Audio Mix™ On/Off”* for more information.

5.3.2 Timelapse Video Mode

Timelapse video records series of photos at timed intervals and makes it into a video. To record a timelapse video, set the video mode setting in the camera configuration to be timelapse mode. Press and hold the Camera Button for 1 second to start recording. The green LED will flash and you will hear a voice prompt, **“Recording”**. Press and hold the Camera Button for 1 second to stop recording. You will hear a voice prompt, **“Recording stopped”**.

5.3.3 Loop Recording Mode

Loop Recording mode continuously records videos to create footages of assigned length of time. If the memory reaches maximum, then the oldest footage will be deleted to store the most recent footage. To use loop recording, set the video mode setting in the camera configuration to be loop recording mode. Press and hold the Camera Button for 1 second to start recording. The green LED will flash and you will hear a voice prompt, **“Recording”**. Press and hold the Camera Button for 1 second to stop recording. You will hear a voice prompt, **“Recording stopped”**.

Below is a table of approximate video recording times to microSD card size in specific resolutions and frame rates.

| | 1080p/30fps | 720p/60fps | 720p/30fps |
|------|-------------|------------|-------------|
| 1GB | 9 min | 12 min | 24 min |
| 2GB | 18 min | 24 min | 48 min |
| 4GB | 36 min | 48 min | 1 h 36 min |
| 8GB | 1 h 12 min | 1 h 36 min | 3 h 12 min |
| 16GB | 2 h 24 min | 3 h 12 min | 6 h 24 min |
| 32GB | 4 h 48 min | 6 h 24 min | 12 h 48 min |

Note:

1. You cannot record videos without a microSD card.
2. The headset gives a warning and automatically stops recording when the microSD card is full or the battery becomes low. Your video will be saved before the headset powers off.
3. If the headset becomes too hot, it gives a high temperature warning. Cool down your headset before further use.
4. The maximum size per video is limited to 4GB. Therefore, when the video reaches the 4GB size limit during recording, it saves and creates a new video file to continue recording.

5.4 Photo Taking

5.4.1 Single Shot Mode

To take a single photo, set the photo mode setting in the camera configuration to be single shot mode. Tap the Camera Button to take a photo. The green LED will flash and you will hear a shutter sound.

5.4.2 Burst Shot Mode

Burst shot takes 5 photos. To take multiple photos, set the photo mode setting in the camera configuration to be burst shot mode. Tap the Camera Button to take multiple photos. The green LED will flash and you will hear shutter sounds.

Note:

The camera resolution is fixed to 3.5MP with 3:2 aspect ratio. However, when you take a photo during video recording, the photo resolution is the same as the video resolution.

5.5 Video Tagging

Video Tagging allows the camera to continuously record videos, but save only the important events. This eliminates the file storage of unnecessary video content. You have to enter Video Tagging mode before using Video Tagging.

1. Press and hold the Camera Button for 3 seconds to enter Video Tagging mode. Green LED will flash twice and you will hear a voice prompt, **“Video tagging ready”**. The camera begins to continuously record video that overwrites itself every minute.
2. When you encounter an event that is worth saving, press and hold the Camera Button for 1 second. Green LED will flash and you will hear a voice prompt, **“Video tagging”**. It creates video files of past, present, and future with each footage having an assigned length of time.
3. When Video Tagging is completed, you will hear a voice prompt, **“Tagging complete”**. The camera then returns to Video Tagging mode.
4. Press and hold the Camera Button for 3 seconds to exit Video Tagging mode. You will hear a voice prompt, **“Video tagging off”**.

5.6 Playback

Playback videos and photos by connecting the headset to a TV (requires a micro HDMI cable sold separately).

To browse videos and photos:

1. Plug the headset into a TV/HDTV with a micro HDMI cable.
2. The TV displays previews of videos and photos stored on the microSD card.
3. Move right and left by rotating the Jog Dial clockwise or counter clockwise.
4. Select an item or play a video by tapping the Camera Button.
5. Move back or cancel by tapping the Jog Dial.

6 PAIRING THE 10C WITH BLUETOOTH DEVICES

Before using the 10C Bluetooth headset with any other Bluetooth devices for the first time, you will need to pair them together. You can pair the 10C 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.

6.1 Mobile Phone Pairing - Mobile Phone, Bluetooth Stereo Device

Follow the procedure below to pair a mobile phone or a Bluetooth stereo device such as an MP3 player with your 10C.

1. Turn on the 10C and press and hold the Phone Button for 5 seconds until the LED flashes red and blue alternately and you hear multiple beeps. You will hear a voice prompt, **“Phone pairing”**.
2. Search for Bluetooth devices on your mobile phone. Select the Sena 10C in the list of the devices detected on the mobile phone.
3. Enter 0000 for the PIN. Some mobile phones may not ask for the PIN.
4. The mobile phone confirms that pairing has been completed and the 10C is ready to use. You will hear a voice prompt, **“Your headset is paired”**.
5. If the pairing process is not completed within three minutes, the 10C will return to stand-by mode.

Note:

- 1. If the Bluetooth connection between the headset and a mobile phone is disconnected, tap the Phone Button to recover the Bluetooth connection immediately.*
- 2. If the Bluetooth connection between the headset and a media player is disconnected, press the Jog Dial for 1 second to recover the Bluetooth connection and play.*

6.2 Second Mobile Phone Pairing - Second Mobile Phone, GPS, and SR10

Typical Bluetooth headsets can connect with only one Bluetooth device, but a second mobile phone pairing allows the headset to connect with another Bluetooth device such as a second mobile phone, an MP3 Player, or the Sena SR10, the Bluetooth adapter.

1. To pair the second mobile phone, press and hold the Jog Dial for 5 seconds until the red LED flashes rapidly and you hear a voice prompt, **“Intercom pairing”**.
2. Within 2 seconds, tap the Phone Button again, then the LED flashes blue rapidly and you will hear a voice prompt, **“Second mobile phone pairing”**.
3. Search for Bluetooth devices on your mobile phone. Select the Sena 10C 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 the pairing is completed and the 10C is ready to use. You will hear a voice prompt, **“Your headset is paired”**.

Note:

- 1. If you have two audio (A2DP) devices connected to your headset then the audio from one device will interrupt the audio from the other device. For example, if you are playing music from the primary mobile phone, then it can be interrupted by playing music from the secondary mobile phone and vice versa.*
- 2. You have to use a motorcycle specific GPS, which transmits turn-by-turn voice instructions to the headset by Bluetooth. Most automotive GPS systems do not have this feature.*
- 3. 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.*
- 4. 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.*

6.3 Advanced Selective Pairing: A2DP Stereo or Handsfree

When you are using a smartphone, sometimes you may need to selectively use the 10C for A2DP stereo music only or for mobile phone handsfree only. These instructions are for advanced users who want to pair the 10C 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 10C, you must clear the previous pairing list on both devices: the mobile phone and the 10C. To clear the pairing list on the 10C, please do a factory reset or follow the pairing list clearing procedure described in *section 18.4, "Factory Reset"* or *15.1, "Headset Configuration Setting"*. To clear the pairing list on the mobile phone, please refer to the *mobile phone manual*. For most smartphones, delete the Sena 10C from the list of Bluetooth devices in the settings menu.

6.3.1 A2DP Stereo Music Only

1. Turn on the headset and press the Phone Button for 5 seconds until the LED flashes red and blue alternately and you hear multiple beeps.
2. Within 2 seconds, tap the Jog Dial again, then the LED flashes red and you hear **“Media selective pairing”**.
3. Search for Bluetooth devices on your smartphone. Select the Sena 10C in the list of devices detected on your phone.
4. Enter 0000 for the PIN. Some mobile phones may not ask for PIN.

6.3.2 HFP for Phone Call Only

1. Turn on the headset and press the Phone Button for 5 seconds until the LED flashes red and blue alternately and you hear multiple beeps.
2. Within 2 seconds, tap the Phone Button again, then the LED flashes blue and you hear **“Phone selective pairing”**.
3. Search for Bluetooth devices on your smartphone. Select the Sena 10C in the list of devices detected on your phone.
4. Enter 0000 for the PIN. Some mobile phones may not ask for PIN.

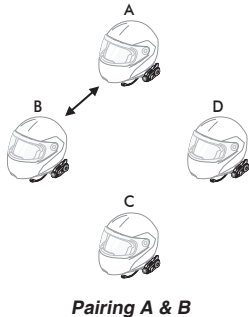
6.4 Intercom Pairing

6.4.1 Pairing with Other 10C Headsets for Intercom Conversation

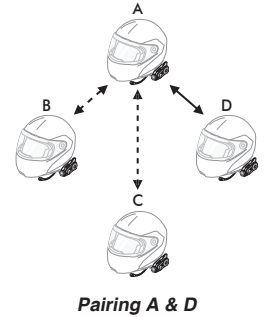
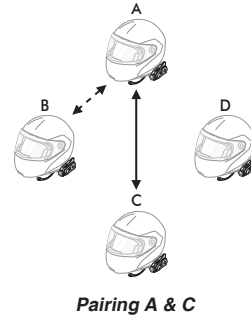
The 10C can be paired with up to three other headsets for Bluetooth intercom conversation.

1. Turn on the two 10C headsets (A and B) that you would like to pair with each other.
2. Press and hold the Jog Dial 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”**.

- Simply tap the Jog Dial of 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 10C headsets A and B are paired with each other for intercom conversation. If the pairing process is not completed within one minute, the 10C will return to stand-by mode.



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



- 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.

6.4.2 Pairing with Other Sena Headset Models for Intercom Conversation

The 10C can be paired with all other Sena headset models such as the 20S, SMH10 and the SMH5 for intercom conversation. Please follow the same procedure as above to pair with these headset models.

Note:

The SMH5 cannot participate in three-way or four-way conference intercom with the 10C. The SMH5 has a limited capability of having two-way intercom with other Sena headsets.

7 MOBILE PHONE, GPS, SR10

7.1 Mobile Phone Call Making and Answering

- When you have an incoming call, simply tap the Phone Button or the Jog Dial to answer the call.
- You can also answer the incoming call by loudly speaking any word of your choice if *Voice Activated Phone Answering* (VOX Phone) is enabled, unless you are connected to intercom.
- To end a call, tap the Phone Button or press the Jog Dial for 2 seconds until you hear a beep, or wait for the called person to end the call.
- To reject a call, press the Jog Dial for 2 seconds until you hear a beep while the phone is ringing.
- To transfer a call between the mobile phone and the headset during the phone conversation, press the Phone Button for 2 seconds until you hear a beep.

6. 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.
 - For some older mobile phones, which do not automatically transfer calls to the headset, press the Phone Button after entering phone numbers on the mobile phone keypad.
 - Tap the Phone Button 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.*

7.2 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, double tap the Phone Button and you will hear a mid-tone single beep and a voice prompt, “**Speed dial**”.
2. Rotate the Jog Dial clockwise or counter clockwise to navigate between the menus. You will hear prompts for each menu item.
3. Tap the Phone 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 Phone Button.
5. To call one of the speed dials, rotate the Jog Dial clockwise or counter clockwise to navigate between the menus until you hear a voice prompt, “**Speed dial (#)**”. Then, tap the Phone Button.
6. If you want to exit the speed dial immediately, rotate the Jog Dial until you hear a voice prompt, “**Cancel**”, and tap the Phone Button or the Jog Dial. If you do not press any button within 15 seconds, the 10C 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 15.2.1, “Speed Dial”).

| | |
|------------|--|
| Answer | Tap Phone Button or Tap Jog Dial or Say “ Hello ” |
| End | Tap Phone Button or Press Jog Dial for 2” |
| Reject | Press Jog Dial for 2” |
| Transfer | Press Phone Button for 2” |
| Call | Use phone keypad |
| Speed Dial | Double tap Phone Button |
| Voice Dial | Tap Phone Button |

Mobile Phone Call Button Operations

7.3 GPS Navigation

7.3.1 GPS Pairing

1. Press and hold the Jog Dial for 5 seconds until you will hear a voice prompt saying **“Intercom pairing”**.
2. Within 2 seconds, double tap the Phone Button and you will hear the voice prompt saying **“GPS pairing”**.
3. Search for Bluetooth devices on the GPS navigation. Select the Sena 10C in the list of the devices detected on the GPS.
4. Enter 0000 for the PIN.

Note:

When Audio Multitasking is enabled, if you pair your GPS device via GPS Pairing, its instructions will not interrupt your intercom conversations, but will overlay with them.

7.4 Sena SR10, Two-Way Radio Adapter

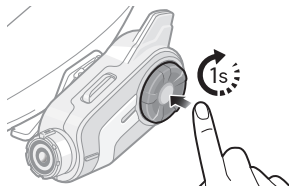
You can use a two-way radio and the 10C Bluetooth intercom simultaneously by using the Sena SR10, a Bluetooth Two-way Radio Adapter (please refer to *section 6.2, “Second Mobile Phone Pairing - Second Mobile Phone, GPS, and SR10”*). Incoming audio from the two-way radio will not interrupt an intercom 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.

8 STEREO MUSIC

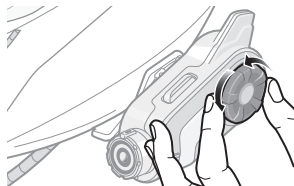
8.1 Bluetooth Stereo Music

The Bluetooth audio device must be paired with the 10C by following the “*Mobile Phone Pairing - Mobile Phone, Bluetooth Stereo Device*” procedures described in the *section 6.1*. The 10C supports the Audio/Video Remote Control Profile (AVRCP), so if your Bluetooth audio device also supports the AVRCP, you can use the 10C to remotely control music playback. Not only you can adjust the volume but also you can use functions such as play, pause, next track and previous track.

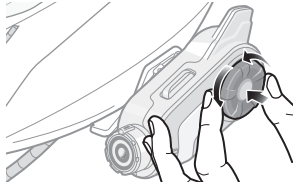
1. To play or pause music, press and hold the Jog Dial for 1 second until you hear a double beep.



2. To adjust the volume, rotate the Jog Dial.



3. To track forward or track back, rotate while pressing the Jog Dial clockwise or counter clockwise.



8.2 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 9.1, "Two-way Intercom"*). When you terminate music sharing, you can go back to the intercom conversation. To start or terminate sharing music, press and hold the Jog Dial for 1 second during an intercom conversation until you hear a double beep. To track forward or track back, rotate while pressing down the Jog Dial clockwise or counter clockwise.

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.
3. When Audio Multitasking is enabled, if an intercom call is made when you are listening to music, music sharing will not work.

9 INTERCOM

Please make sure your intercom devices are paired as described in section 6.4, “Intercom Pairing”.

9.1 Two-way Intercom

9.1.1 Starting Two-way Intercom

You can start an intercom conversation with one of any intercom friends by tapping the Jog Dial: single tap to intercom with the **first intercom friend**, double tap to intercom with the **second intercom friend**, and triple tap to intercom with the **third intercom friend**.

9.1.2 Ending Two-way Intercom

You can end an intercom conversation by using the Jog Dial. Press and hold the Jog Dial for 1 second to end any intercom. Or, you can single tap to end intercom with the **first intercom friend**, double tap to end intercom with the **second intercom friend**, and triple tap to end intercom with the **third intercom friend**.



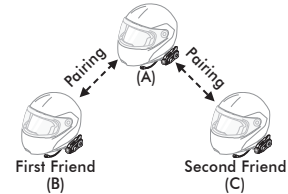
Start/End Two-way Intercom Conversation

9.2 Three-way Intercom

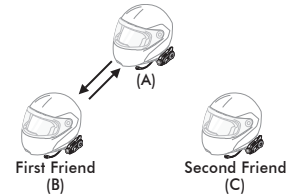
9.2.1 Starting Three-way Intercom

You (A) can have a three-way conference intercom with two other 10C friends (B & C) by establishing two intercom connections simultaneously. While a three-way conference intercom is in progress, mobile phone connection of all three participants is temporarily disconnected. However, as soon as the conference intercom terminates or one of the participants leaves the intercom, all mobile phones automatically reconnect to their headsets. If you have an incoming mobile phone call during the conference intercom, terminate the conference intercom to automatically reconnect and receive the phone call.

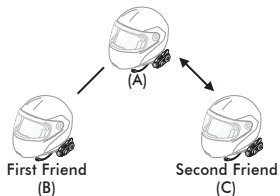
1. You (A) need to be paired with two other friends (B & C) for three-way conference intercom.



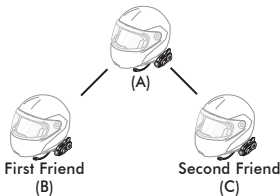
2. Start an intercom conversation with one of the two friends in your intercom group. For example, you (A) may start an intercom conversation with the intercom friend (B). Or intercom friend (B) may start an intercom call with you (A).



3. You (A) can call the second intercom friend (C) by double tapping the Jog Dial, or the second intercom friend (C) may join the intercom by making an intercom call to you (A).



4. Now you (A) and two 10C intercom friends (B & C) are having a three-way conference intercom.



9.2.2 Ending Three-way Intercom

You can completely terminate the conference intercom or just disconnect an intercom connection with one of your active intercom friends.

1. Press the Jog Dial for 3 seconds until you hear a beep to terminate three-way conference intercom completely. It terminates both intercom connections with (B) and (C).
2. Tap or double tap the Jog Dial to disconnect intercom connection with one of the two intercom friends accordingly. For example, by single tapping the Jog Dial, you can terminate the intercom connection with just the first intercom friend (B). However, you still have the intercom connection with your second intercom friend (C).

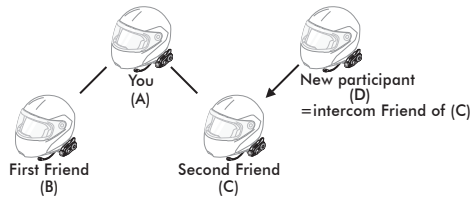
| Jog Dial Operation | Result |
|--------------------|----------------------|
| Press for 3" | Disconnect (B) & (C) |
| Single tap | Disconnect (B) |
| Double tap | Disconnect (C) |

End Three-way Intercom

9.3 Four-way Intercom

9.3.1 Starting Four-way Intercom

You can have four-way conference intercom with three other 10C users by adding one more intercom participant to the three-way intercom. While you are having a three-way intercom as above in *section 9.2*, 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).



9.3.2 Ending Four-way Intercom

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

1. Press the Jog Dial for 3 seconds 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. Tap or double tap the Jog Dial to disconnect the intercom connection with one of the two intercom friends accordingly. However, when you disconnect the second friend (C) by double tapping the Jog Dial, 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).

| Jog Dial Operation | Result |
|--------------------|---------------------------|
| Press for 3" | Disconnect (B), (C) & (D) |
| Single tap | Disconnect (B) |
| Double tap | Disconnect (C) & (D) |

End Four-way Intercom

Note:

Multiple headsets are connected during multi-way intercom. With various signals interfering each other, the intercom distance of multi-way intercom is relatively shorter than that of two-way intercom.

10 THREE-WAY CONFERENCE PHONE CALL WITH INTERCOM PARTICIPANT

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.*
 - a. To answer the phone call and stop the intercom conversation, tap the Jog Dial or the Phone Button. The VOX Phone feature does not work if you are connected to intercom. 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 the Jog Dial 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 4 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.
3. You can have a three-way conference phone call by adding an intercom friend to the mobile phone conversation. During a mobile phone conversation, tap the Jog Dial to invite one of the intercom friends to the mobile phone line. To disconnect the intercom first and go back to your private mobile phone call, terminate the intercom by tapping the Jog Dial. To end the mobile phone call first and maintain the intercom conversation, press the Jog Dial for 2 seconds, or tap the Phone Button, or wait for the person on the mobile phone line to end the call.

| | |
|----------------------|---|
| Start | Tap Jog Dial while having a mobile phone call |
| End intercom first | Tap Jog Dial |
| End phone call first | Press Jog Dial for 2" or Tap Phone Button or Wait for the called person to end the call |

Start & End Three-way Conference Phone Call

11 GROUP INTERCOM

Group Intercom allows you to instantly create a multi-way conference intercom with three other most recently paired headsets.

1. Go through intercom pairing with up to three headsets you want to have Group Intercom with.
2. Press the Jog Dial for 3 seconds to begin Group Intercom. The LED will flash green and you will hear a voice prompt, “**Group intercom**”.
3. To terminate Group Intercom, press the Jog Dial for 3 seconds during Group Intercom. You will hear a voice prompt, “**Group intercom terminated**”.

12 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. The Universal Intercom affects both the phone call connection and the multipoint connection (mostly used for GPS connections for riders). You cannot use a multipoint connection device while you are using the Universal Intercom in case as below.

1. If a non-Sena headset does not support a multipoint connection, it cannot use a phone call connection while using the Universal Intercom.
2. As for Sena headsets, the Universal Intercom affects the multipoint connection.
3. If non-Sena headset (already paired as Universal Intercom with Sena) is turned on, then the multipoint connection is automatically deactivated. And the non-Sena headset is automatically connected to Sena headset as a Universal Intercom. So you cannot use multipoint connection devices such as GPS, while a non-Sena headset is turned on.
4. Even though you disconnect the non-Sena headset as a Universal Intercom, it will not automatically restore the multipoint connection. To restore the multipoint connection, you should turn off the non-Sena headset first, then try to connect to multipoint device manually from the device screen or simply reboot the device so that it automatically connects to the Sena headset.

12.1 Universal Intercom Pairing

The 10C can be paired with non-Sena Bluetooth headsets for Bluetooth intercom conversation. You can pair the 10C 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 10C and a non-Sena Bluetooth headset that you want to pair with.
2. Press and hold the Jog Dial on the 10C for 10 seconds to enter the configuration menu. Rotate the Jog Dial until you hear a voice prompt, **“Universal intercom pairing”**. Tap the Phone Button to enter into Universal Intercom Pairing mode and the blue LED will flash rapidly and you will hear multiple beeps.
3. Perform the operation required for handsfree pairing on the non-Sena Bluetooth headset (refer to the *User’s manual of the headsets* you want to use). The 10C will automatically pair with non-Sena Bluetooth headsets in pairing mode.

12.2 Two-way Universal Intercom

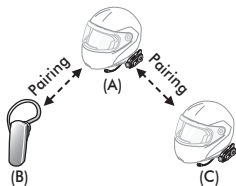
You can initiate the Universal Intercom connection with non-Sena Bluetooth headsets using the same intercom connection method as you would between other Sena headsets. You may single tap the Jog Dial to begin an intercom conversation with the first intercom friend, double tap with the second intercom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

Non-Sena Bluetooth headsets may initiate the Universal Intercom connection, 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 *User’s manual of the headsets* for voice dialing, redialing, and ending a call).

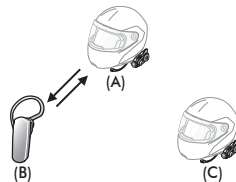
12.3 Three-way Universal Intercom

You may make a three-way Universal Intercom connection with two 10Cs and one non-Sena 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.

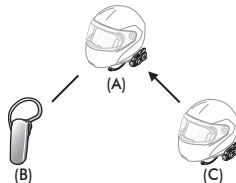
1. You (A) need to be paired with a non-Sena Bluetooth headset (B) and another 10C headset (C) for the three-way conference intercom.



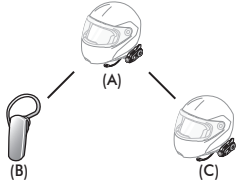
2. Start an intercom conversation with non-Sena Bluetooth headset (B) in your intercom group. For example, you (A) may start an intercom conversation with non-Sena Bluetooth headset (B). The non-Sena Bluetooth headset (B) may also start an intercom call with you (A).



3. The other 10C (C) may join the intercom by making an intercom call to you (A).



4. Now you (A), non-Sena Bluetooth headset (B), and the other 10C (C) are having a three-way conference intercom.



5. You may disconnect three-way Universal Intercom using the same way as you do in normal three-way intercom. Please refer to *section 9.2.2, "Ending Three-way Intercom"*.

12.4 Four-way Universal Intercom

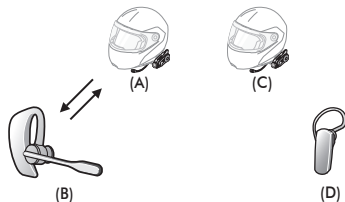
You may make a four-way Universal Intercom connection with a couple of different configurations, 1) three 10Cs and one non-Sena Bluetooth headset or 2) two 10Cs and two non-Sena Bluetooth headsets.

You may have a couple of other four-way Universal Intercom configurations, 1) your headset (A), a non-Sena Bluetooth headset (B), another 10C (C), and a non-Sena Bluetooth headset (D), 2) your headset (A), a non-Sena Bluetooth headset (B), and two other 10C headsets (C and D). You may make the four-way Universal Intercom call the same way as a normal four-way intercom call.

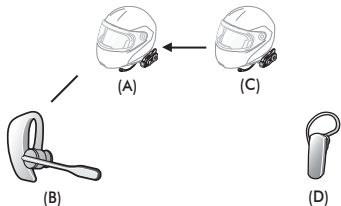
12.4.1 Four-way Universal Intercom Case 1

Two 10C headsets (A and C) and two non-Sena Bluetooth headsets (B and D)

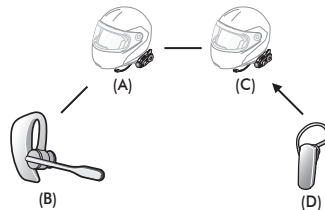
1. You (A) may start an intercom conversation with the non-Sena Bluetooth headset (B).



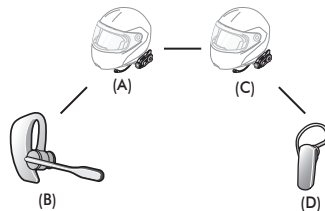
2. The other 10C (C) may join the intercom by making an intercom call to you (A).



3. The non-Sena Bluetooth headset (D) may join the conference intercom by making an intercom call to the 10C (C).



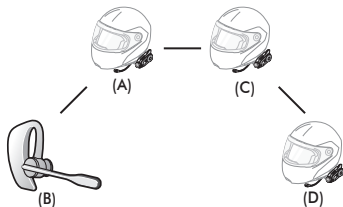
4. Now two 10C headsets (A & C) and two non-Sena Bluetooth headsets (B & D) are connected with the four-way Universal Intercom.



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 9.3.2, "Ending Four-way Intercom"*.

12.4.2 Four-way Universal Intercom Case 2

Three 10C headsets (A, C and D) and one non-Sena Bluetooth headset (B). The procedure is the same as case 1 described in *section 12.4.1*.



13 FM RADIO

13.1 FM Radio On/Off

To turn on the FM radio, press and hold the Phone Button for 2 seconds until you hear a mid-toned double beep sound. You will then hear a voice prompt, **“FM on”**. To turn off the FM radio, press and hold the Phone Button for 2 seconds until you hear a voice prompt, **“FM off”**. When you power it off, the 10C will remember the last station frequency. When you power it on, the last station frequency will be playing.

13.2 Preset Stations

You can listen to preset stations while listening to the FM radio. Tap the Phone Button once to go upward to your next saved preset station.

13.3 Seek and Save

“Seek” is the function that searches for station to station frequencies. To use the “Seek” function, please follow the procedure below:

1. Rotate while pressing the Jog Dial clockwise to search up the station dial or counter clockwise to search down the station dial.
2. If the tuner finds a station while searching frequencies, it stops the seek function.
3. To save the current station, press and hold the Jog Dial for 2 seconds until you hear a voice prompt, **“Preset (#)”**.
4. Rotate the Jog Dial clockwise or counter clockwise, in order to select which preset number you want for that specific station. You can save up to 10 preset stations. (You may cancel the preset operation by waiting approximately 10 seconds. You will then hear **“Save preset cancelled”**. You can also rotate the Jog Dial clockwise or counter clockwise until you hear **“Cancel”**. Tap the Jog Dial to confirm cancellation. You will then hear **“Save preset cancelled”**).
5. To save the current station, tap the Jog Dial again. You will then hear a voice prompt, **“Save preset (#)”**.
6. To delete the saved station in the preset number, tap the Phone Button. You will then hear a voice prompt **“Delete preset (#)”**.

Note:

1. You can save FM stations to presets before using FM radio. Connect the 10C to your PC and open the Sena Device Manager. It allows you to save up to 10 FM station frequency presets on the 10C settings menu. You may do the same operation by using the Sena Smartphone App.
2. You can still answer an incoming phone call and intercom while listening to the FM radio.

13.4 Scan and Save

“Scan” is the function that automatically searches station frequencies, starting from the current frequency and up. To use the scan function, please follow the procedures below:

1. Double tap the Phone Button. Then the current station frequency moves upward to find other station frequencies.
2. If the tuner finds a station, it stays at the station frequency for 8 seconds, then scanning to the next station frequency.
3. Scan function stops when you double tap the Phone Button again.
4. To save a station while scanning frequencies, tap the Phone Button when at that station. You will hear a voice prompt from the 10C, **“Save preset (#)”**. The station will be saved as the next preset number.
5. All stations preset during “Scan”, will overwrite previously set stations.

13.5 Temporary Preset

With the temporary preset function, you may temporarily preset stations automatically without changing the existing preset stations. Tap the Phone Button three times to automatically scan for 10 temporary preset stations. The temporary preset stations will be cleared when the system is powered off.

13.6 FM Sharing

You can listen to the radio during the intercom conversation. To start FM sharing, press and hold the Phone Button for 1 second during the intercom conversation. During FM sharing, you can move to the next preset station and you or your friend on the intercom can change frequencies. If either person changes the frequency, the other will listen to the same frequency. To terminate FM sharing, press and hold the Phone Button for 1 second or end the intercom call.

Note:

1. FM sharing will be terminated if the headset starts a multi-way intercom conference.
2. When Audio Multitasking is enabled, if an intercom call is made while you are listening to the FM radio, FM sharing will not work.
3. FM sharing is only supported between Sena headsets that currently support this feature.

13.7 Region Selection

You can select the proper FM frequency region from the Sena Device Manager. With the region setting, you may optimize the seek function to avoid unnecessary frequency ranges.

| Region | Frequency Range | Step |
|-----------|------------------|-----------|
| Worldwide | 76.0 ~ 108.0 MHz | ± 100 kHz |
| Americas | 87.5 ~ 107.9 MHz | ± 200 kHz |
| Asia | 87.5 ~ 108.0 MHz | ± 100 kHz |
| Australia | 87.5 ~ 107.9 MHz | ± 200 kHz |
| Europe | 87.5 ~ 108.0 MHz | ± 100 kHz |
| Japan | 76.0 ~ 95.0 MHz | ± 100 kHz |

14 FUNCTION PRIORITY

The headset operates in the following order of priority:

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

A lower priority function is always interrupted by a higher priority function.

Note:

If you select music as the audio source priority, the order of priority will change as below:

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

15 CONFIGURATION SETTING

15.1 Headset Configuration Setting

- To enter into configuration menu, press and hold the Jog Dial for 10 seconds until you will also hear a voice prompt, “**Configuration menu**”.
- Rotate the Jog Dial clockwise or counter clockwise to navigate between the menus. You will hear voice prompts for each menu item.
- You can execute the command by tapping the Phone Button.

| Configuration Menu | Tap Phone Button |
|----------------------------|------------------|
| Delete All Pairings | Execute |
| Remote Control Pairing | Execute |
| Universal Intercom Pairing | Execute |
| Exit Configuration | Execute |

15.2 Software Configuration Setting

You can change the settings of the headset through the Sena Device Manager or the Sena Smartphone App.

15.2.1 Speed Dial

Assign phone numbers for speed dialing to make a phone call quickly.

15.2.2 Audio Source Priority (Default: Intercom)

Audio Source Priority allows you to select the priority between the intercom and music (which includes GPS app instructions and message notifications) from a smartphone. If the intercom is selected as the audio source priority, your music will be interrupted during an intercom conversation. If music is selected as the audio source priority, intercom conversations will be interrupted while your music is heard.

Note:

Audio Source Priority is active only when Audio Multitasking is disabled.

15.2.3 Audio Boost (Default: Disable)

Enabling Audio Boost increases the overall maximum volume. Disabling Audio Boost reduces the overall maximum volume, but delivers more balanced sound.

15.2.4 VOX Phone (Default: Enable)

If this feature is enabled, you can answer incoming calls by voice. When you hear a ringtone for an incoming call, you can answer the phone by saying a word such as **“Hello”** loudly or by blowing air into the microphone. VOX phone is temporarily disabled if you are connected to intercom. If this feature is disabled, you have to tap the Phone Button to answer an incoming call.

15.2.5 VOX Intercom (Default: Disable)

If this feature is enabled, you can initiate an intercom conversation with the last connected intercom friend by voice. When you want to start intercom, say a word such as **“Hello”** loudly or blow air into the microphone. If you start an intercom conversation by voice, the intercom terminates automatically when you and your intercom friend remain silent for 20 seconds. However, if you manually start an intercom conversation by tapping the Jog Dial, you have to terminate the intercom conversation manually. However, if you start intercom by voice and end it manually by tapping the Jog Dial, you will not be able to start intercom by voice temporarily. In this case, you have to tap the Jog Dial to restart the intercom. This is to prevent repeated unintentional intercom connections by strong wind noise. After rebooting the headset, you can start intercom by voice again.

15.2.6 HD Voice (Default: Disable)

HD Voice allows you to communicate in high-definition during phone calls. This feature increases the quality so that the audio will be crisp and clear during phone call conversations.

If this feature is enabled, incoming phone calls will interrupt intercom conversations and audio from the SR10 will not be heard during intercom conversations. Three-Way Conference Phone Call with Intercom Participant will not be available if HD Voice is enabled.

Note:

1. Refer to the manufacturer of your Bluetooth device that will be connected to the headset to see if it supports HD Voice.
2. HD Voice is active only when Audio Multitasking is disabled.

15.2.7 HD Intercom (Default: Enable)

HD Intercom enhances the two-way intercom audio from normal quality to HD quality. HD Intercom will become temporarily disabled when you enter into a multi-way intercom. If this feature is disabled, the two-way intercom audio will change to normal quality.

Note:

1. The intercom distance of HD Intercom is relatively shorter than that of normal intercom.
2. HD intercom is active only when Audio Multitasking is disabled.

15.2.8 Voice Prompts (Default: Enable)

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

- Headset configuration setting menu, battery level indicator, speed dial, FM radio functions

15.2.9 RDS AF Setting (Default: Disable)

Radio Data System (RDS) Alternative Frequency (AF) Setting allows a receiver to re-tune to the second frequency location when the first signal becomes too weak. With RDS AF enabled on the receiver, a radio station with more than one frequency can be used.

15.2.10 FM Station Guide (Default: Enable)

When FM Station Guide is enabled, FM station frequencies are given by voice prompts as you select preset stations. When FM Station Guide is disabled, the voice prompts on FM station frequencies will not be given as you select preset stations.

15.2.11 Sidetone (Default: Disable)

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.

15.2.12 Advanced Noise Control™ (Default: Enable)

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.

15.2.13 Audio Multitasking™ (Default: Disable)

Audio Multitasking allows you to hear the audio from two features simultaneously. When Audio Multitasking is enabled, phone calls, GPS instructions and intercom conversations can be overlaid with audio from the FM radio, music or GPS app instructions from a smartphone in the background with reduced volume. Increasing or decreasing the volume of the audio in the foreground will also increase or decrease the volume of the overlaid audio in the background. The volume of the foreground audio can be adjusted using the headset. How much background audio that is heard can be adjusted using the Sena Smartphone App. HD Intercom, HD Voice and Audio Source Priority become disabled temporarily when Audio Multitasking is enabled.

| Model | Foreground* | | | Background** | |
|-------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| | Phone | GPS | Intercom | FM Radio | Music or Smart Navi |
| 10C | <input type="radio"/> ^A | <input type="radio"/> ^A | | | |
| | | <input type="radio"/> | <input type="radio"/> | | |
| | | | <input type="radio"/> ^B | <input type="radio"/> | <input type="radio"/> ^B |
| | | <input type="radio"/> ^C | | <input type="radio"/> ^C | <input type="radio"/> |

Foreground and Background Combination Table

* Two audio sources in the foreground can be heard simultaneously with the same volume level.

** Only one background source can be heard at a time while listening to an audio source in the foreground.

- A. GPS instructions can be heard during phone calls and the volume level of both audio sources can be adjusted using the headset.
- B. GPS app directions will be heard in the background during intercom conversations.
- C. The FM radio will be heard in the background when GPS instructions are heard.

Note:

1. *Audio Multitasking will be activated during two-way intercom conversations with a headset that also supports this feature.*
2. *When Audio Multitasking is disabled, the background audio source will return to its independent volume level.*
3. *For Audio Multitasking to work properly, you need to power the headset off and on. Please restart the headset.*
4. *Some GPS devices may not support this feature.*

15.2.14 Background Volume (Default: Level 5)

The Background Volume can be adjustable only when the Audio Multitasking turns on. Level 9 is the highest volume and 0 is the lowest.

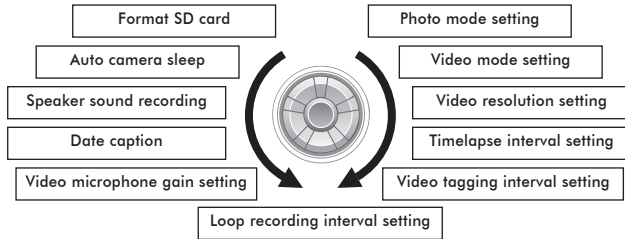
15.3 Camera Configuration Setting

You can enter into camera configuration of the 10C by following the steps below. The camera must be on to enter this setting.

1. To enter into camera configuration menu, press and hold the Camera Button for 8 seconds until you hear a voice prompt, **“Camera setup”**.
2. Rotate the Jog Dial clockwise or counter clockwise to navigate between the menus. You will hear voice prompts for each menu item as below.
3. You can enable or disable a feature, or execute a command by tapping the Phone Button.
4. If you do not press any buttons for 10 seconds, the 10C will exit the configuration and go back to camera mode.
5. If you want to exit the camera configuration, tap the Jog Dial once.

The voice prompt for each menu item is as below:

- | | |
|--|--|
| (1) Photo mode setting | (7) Video microphone gain setting |
| (2) Video mode setting | (8) Date caption |
| (3) Video resolution setting | (9) Speaker sound recording |
| (4) Timelapse interval setting | (10) Auto camera sleep |
| (5) Video tagging interval setting | (11) Format SD card |
| (6) Loop recording interval setting | |



15.3.1 Photo Mode

You can select the photo mode to be either single shot or burst shot. Single shot takes a single photo while burst shot takes 5 photos. When you hear the voice prompt, **“Photo mode setting”**, tap the Phone Button to select single shot mode or burst shot mode.

| | |
|-----------------|---|
| Voice Prompt | “Photo mode setting” |
| Factory Default | Single Shot |
| Select Mode | Tap the Phone Button (Single shot mode, Burst shot mode) |

15.3.2 Video Mode

You can select the video mode to be video mode, timelapse mode, or loop recording mode. Video mode records a normal video. Timelapse mode records series of photos at timed intervals and makes it into a video. Loop recording mode constantly records videos at timed intervals, replacing old video files when memory is full.

| | |
|-----------------|---|
| Voice Prompt | “Video mode setting” |
| Factory Default | Video Mode |
| Select Mode | Tap the Phone Button (Video mode, Timelapse mode, Loop recording mode) |

15.3.3 Video Resolution

You can select the video resolution to be 1080p/30fps, 720p/60fps, or 720p/30fps. When you hear the voice prompt, “**Video resolution setting**”, tap the Phone Button to select 1080p/30fps, 720p/60fps, or 720p/30fps.

| | |
|-----------------|--|
| Voice Prompt | “ Video resolution setting ” |
| Factory Default | 1080p/30fps |
| Select Mode | Tap the Phone Button (1080p/30fps, 720p/60fps, 720p/30fps) |

15.3.4 Timelapse Interval

You can select the timelapse interval to be either 1 second or 10 seconds. When you hear the voice prompt, “**Timelapse interval setting**”, tap the Phone Button to select shot per 1 sec or per 10 secs.

| | |
|-----------------|--|
| Voice Prompt | “ Timelapse interval setting ” |
| Factory Default | 1 sec |
| Select Mode | Tap the Phone Button (per 1 sec, per 10 secs) |

15.3.5 Video Tagging Interval

You can select the video tagging interval to be 1 minute, 3 minutes, or 5 minutes. When you hear the voice prompt, “**Video tagging interval setting**”, tap the Phone Button to select each footage length to be 1 minute, 3 minutes, or 5 minutes.

| | |
|-----------------|---|
| Voice Prompt | “ Video tagging interval setting ” |
| Factory Default | 1 minute |
| Select Mode | Tap the Phone Button (per 1 min, per 3 mins, per 5 mins) |

15.3.6 Loop Recording Interval

You can select the loop recording interval to be 1 minute, 3 minutes, or 5 minutes. When you hear the voice prompt, “**Loop recording interval setting**”, tap the Phone Button to select each footage length to be 1 minute, 3 minutes, or 5 minutes.

| | |
|-----------------|---|
| Voice Prompt | “ Loop recording interval setting ” |
| Factory Default | 3 minutes |
| Select Mode | Tap the Phone Button (per 1 min, per 3 mins, per 5 mins) |

15.3.7 Video Microphone Gain

You can select the microphone gain for video recording to be low, medium, or high. When you hear the voice prompt, **“Video microphone gain setting”**, tap the Phone Button to select low, medium, or high.

| | |
|-----------------|---|
| Voice Prompt | “Video microphone gain setting” |
| Factory Default | Medium |
| Select Mode | Tap the Phone Button (low, medium, high) |

15.3.8 Date Caption On/Off

You can record or hide date caption during video recording. If you select on, the date caption will be displayed on top of your recorded video. If you select off, the date caption will not be shown on your recorded video. When you hear the voice prompt, **“Date caption”**, tap the Phone Button to either turn on or off the date caption.

| | |
|-----------------|-----------------------|
| Voice Prompt | “Date caption” |
| Factory Default | Off |
| On/Off | Tap the Phone Button |

Note:

To set the right time for date caption, you must initially set the date using the Sena Smartphone App. Pair your 10C with your smartphone, turn on the 10C camera, and run the Sena Smartphone App. The date will be updated automatically.

15.3.9 Smart Audio Mix™ On/Off

Smart Audio Mix allows you to record everything you hear through your speakers as well as your voice during video recording. The function that governs Smart Audio Mix is called Speaker Sound Recording. Turn on the Speaker Sound Recording setting if you want to record music and intercom conversations on your video. Turn off this setting if you want to record your voice only. When you hear the voice prompt, **“Speaker sound recording”**, tap the Phone Button to either turn on or off Smart Audio Mix.

| | |
|-----------------|----------------------------------|
| Voice Prompt | “Speaker sound recording” |
| Factory Default | On |
| On/Off | Tap the Phone Button |

15.3.10 Auto Camera Sleep On/Off

You can set the camera to automatically power off after five minutes of inactivity. This feature does not work while charging the camera. When you hear the voice prompt, **“Auto camera sleep”**, tap the Phone Button to either turn on or off this feature.

| | |
|-----------------|----------------------------|
| Voice Prompt | “Auto camera sleep” |
| Factory Default | On |
| On/Off | Tap the Phone Button |

15.3.11 SD Card Format

SD card format will remove all files from a microSD card. When you use a new card for the first time, always format it before using the camera. When you hear the voice prompt, **“Format SD card”**, tap the Phone Button to confirm.

| | |
|-----------------|-------------------------|
| Voice Prompt | “Format SD card” |
| Factory Default | N/A |
| Execute | Tap the Phone Button |

Note:

It is recommended to format the SD Card using this method. If you are formatting the SD Card using a PC, then set the allocation unit size to 32KB in FAT32.

| Rotate Jog Dial | Tap Phone Button |
|---------------------------------|---------------------|
| Photo Mode Setting | Single Shot Mode |
| | Burst Shot Mode |
| Video Mode Setting | Video Mode |
| | Timelapse Mode |
| | Loop Recording Mode |
| Video Resolution Setting | 1080p/30fps |
| | 720p/60fps |
| | 720p/30fps |
| Timelapse Interval Setting | Per 1 second |
| | Per 10 seconds |
| Video Tagging Interval Setting | Per 1 minute |
| | Per 3 minutes |
| | Per 5 minutes |
| Loop Recording Interval Setting | Per 1 minute |
| | Per 3 minutes |
| | Per 5 minutes |

| Rotate Jog Dial | Tap Phone Button |
|-------------------------------|------------------|
| Video Microphone Gain Setting | Low |
| | Medium |
| | High |
| Date Caption | On |
| | Off |
| Speaker Sound Recording | On |
| | Off |
| Auto Camera Sleep | On |
| | Off |
| Format SD Card | Execute |

16 REMOTE CONTROL

You can remotely control the 10C via Bluetooth using the Handlebar Remote (sold separately). This eliminates the need to take off your hand for button operations. Your 10C and the Handlebar Remote must be paired together before use.

16.1 Pairing with the Handlebar Remote

1. Turn on the 10C and the Handlebar Remote.
2. Press the Jog Dial for 10 seconds to enter the configuration menu. Rotate the Jog Dial until you hear a voice prompt saying, **“Remote control pairing”**. Press the Phone Button to enter into Remote Control Pairing mode and the red LED will flash rapidly and you will hear multiple beeps.
3. On the Handlebar Remote, press the Rear Button for 5 seconds until its LED flashes red and blue. The 10C will automatically perform pairing with the Handlebar Remote in pairing mode. The Handlebar Remote’s LED will flash blue every two seconds when they are successfully connected.

17 FIRMWARE UPGRADE

The 10C supports firmware upgrades. You can update the firmware using the Sena Device Manager. Please visit Sena Bluetooth website at www.sena.com to check the latest software downloads.

18 TROUBLESHOOTING

18.1 Intercom Failure

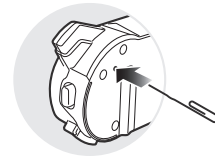
When you try to start an intercom conversation with an intercom friend who is unavailable within range or already having a conference intercom with other riders or a mobile phone call, you will hear a low tone double beep signifying an intercom busy signal. In this case, you have to try again later.

18.2 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 10C automatically tries to reconnect the intercom and you will hear high tone double beeps until the intercom is reestablished. If you do not want to make a reconnection, tap the Jog Dial to stop the attempt.

18.3 Fault Reset

When the 10C is not working properly or is in faulty status for any reason, you may reset by pushing the Pin-hole Reset Button at the back of the headset main unit. Insert a paper clip into the reset pin-hole and press the reset button for a second with light pressure. The 10C will be switched off. Restart the system and try again. This will not restore the headset to factory default settings.



18.4 Factory Reset

1. To restore the 10C to factory default settings, press and hold the Phone Button for 10 seconds until the LED shows solid red and you hear **“Factory reset”**.
2. Within 10 seconds, press the Jog Dial to confirm reset. The headset will be restored to factory setting and switched off automatically. You will hear **“Headset reset, good-bye”**.
3. If you press the Phone Button or leave the Jog Dial for 10 seconds, the reset attempt is cancelled and the headset returns to stand-by mode. You will hear a voice prompt, **“Cancelled”**.

19 OPERATION QUICK REFERENCE

| Type | Function | Button Command | LED | Beep |
|-----------------|----------------------------|--|----------------|------------------------|
| Basic Function | Power on | Press the Phone Button and the Jog Dial for 1 second | Solid blue | Ascending beeps |
| | Power off | Press the Phone Button and the Jog Dial | Solid red | Descending beeps |
| | Volume adjustment | Rotate the Jog Dial | - | - |
| Camera Function | Camera on | Tap the Camera Button | Solid green | High tone double beeps |
| | Camera off | Tap the Camera Button and the Phone Button | Solid red | Mid tone double beeps |
| | Start/stop video recording | Press the Camera Button for 1 second | Green flashing | Mid tone single beep |
| | Take photo | Tap the Camera Button | Green flashing | - |
| | Enter Video Tagging mode | Press the Camera Button for 3 seconds | Green flashing | - |
| | Start Video Tagging | Press the Camera Button for 1 second | Green flashing | Mid tone single beep |
| | Exit Video Tagging mode | Press the Camera Button for 3 seconds | Red flashing | - |

| Type | Function | Button Command | LED | Beep |
|--------------|-----------------------------|---|-----------------------------------|--------------------------|
| Mobile Phone | Mobile phone pairing | Press the Phone Button for 5 seconds | Blue & red alternatively flashing | High tone multiple beeps |
| | Second mobile phone pairing | Press the Jog Dial for 5 seconds | Red flashing | Multiple beeps |
| | | Tap the Phone Button within 2 seconds | | |
| | Call transfer | Press the Phone Button for 2 seconds | - | High tone single beep |
| | Answer & end phone call | Tap the Phone Button or the Jog Dial | - | - |
| | Voice dial | Tap the Phone Button | - | - |
| | Speed dial | Double tap the Phone Button | - | Mid-tone single beep |
| | Reject incoming call | Press the Jog Dial for 2 seconds | - | - |
| Intercom | Intercom pairing | Press the Jog Dial for 5 seconds | Red flashing | Mid-tone single beep |
| | | Tap the Jog Dial of any one of the two headsets | | |
| | Start/end each intercom | Tap the Jog Dial | - | - |
| | End all intercoms | Press the Jog Dial for 3 seconds | Blue flashing | Mid-tone double beeps |

| Type | Function | Button Command | LED | Beep | |
|-------------|----------------------------|--------------------------------------|---------------------------------------|------------------------|------------------------|
| Intercom | Start Group Intercom | Press the Jog Dial for 3 seconds | Green flashing | - | |
| | End Group Intercom | Press the Jog Dial for 3 seconds | - | - | |
| Music | Play/pause Bluetooth music | Press the Jog Dial for 1 second | - | Mid-tone double beep | |
| | Track forward/back | Rotate the Jog Dial while pressing | - | - | |
| FM Radio | FM radio on/off | Press the Phone Button for 2 seconds | - | Mid-tone double beeps | |
| | Select preset | Tap the Phone Button | - | Mid-tone single beep | |
| | Seek stations | Rotate the Jog Dial while pressing | - | High tone triple beeps | |
| | Scan up FM band | Double tap the Phone Button | - | - | |
| | Stop scanning | Double tap the Phone Button | - | High tone double beeps | |
| | Save preset while scanning | Tap the Phone Button | - | High tone double beeps | |
| | Reset | Factory reset | Press the Phone Button for 10 seconds | Solid red | High tone double beeps |
| | | | Tap the Jog Dial within 10 seconds | | |
| Fault reset | | Press the Reset Button | - | - | |

