Bluetooth® 🎧 🎵

JUST SPEAK S
WIRELESS COMMUNICATION

| Bluetooth® 3.0 | 200m 220yds Intercom | Multipoint | Voice Prompt | Bluetooth® Stereo Music (A2DP) | Playback Control (AVRCP) | Two-Button User Control | Audio Booster | Individual Volume Control | Firmware Upgradeable |

CABERG

www.caberg-helm.com

User's Guide

CONTENTS

1. INTRODUCTION

Thank you for choosing the JUST SPEAK S, Wireless Communication. With the headset, you can call handsfree on your Bluetooth mobile phone, listen to stereo music or GPS navigation voice instructions via Bluetooth, and have intercom conversations in full duplex with a passenger or other riders.

The JUST SPEAK S is compliant with the Bluetooth specification 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 confirm compatibility with other devices with the manufacturers.

Please read this user guide carefully before using the headset. Also visit **www.caberg-helm.com** for the latest version of the user guide and for additional information related to Bluetooth products.

English

The JUST SPEAK S includes the following features:
• Bluetooth handsfree for Bluetooth mobile phones
• Bluetooth stereo headset for Bluetooth stereo devices such as MP3 players
• Bluetooth stereo headset for Bluetooth GPS navigations
• Bluetooth intercom up to 200 meters (220 yards)*
• Easy two-button operation
• Installation friendly unibody design
• Firmware upgradeable

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

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* in open terrain

2. PACKAGE CONTENTS

Status LED

Pin-hole
Reset Button

DC Power Charging &
Firmware Upgrade Port

(-) Button ⎯
(Intercom Button)

Speakers

(+) Button +
(Phone Button)

Microphone
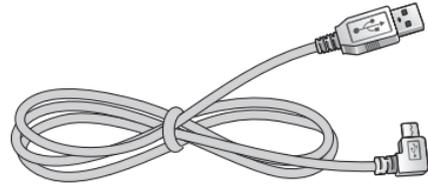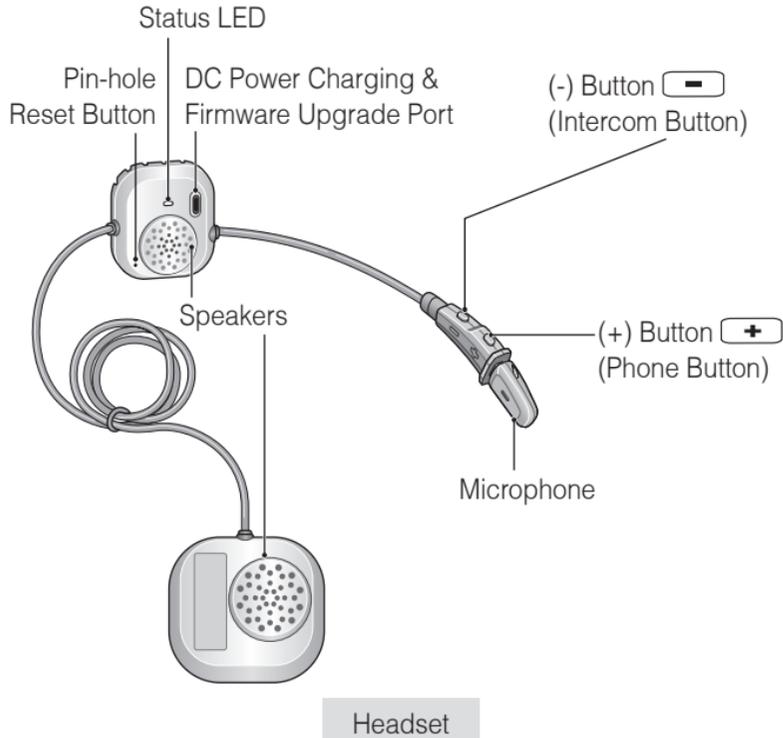
Headset

USB Power & Data Cable

Microphone Sponges
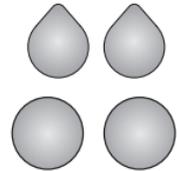
Velcro Pads
for Speakers

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3. GETTING STARTED

Installing the Headset on Your Helmet

1. Place the speaker-microphone unit in the helmet along with the velcro pads, centered to your ear, in the ear pockets of the helmet. Locate the boom microphone as closely as possible to your mouth when wearing the helmet.
2. Hide the wire under the helmet padding after the installation.

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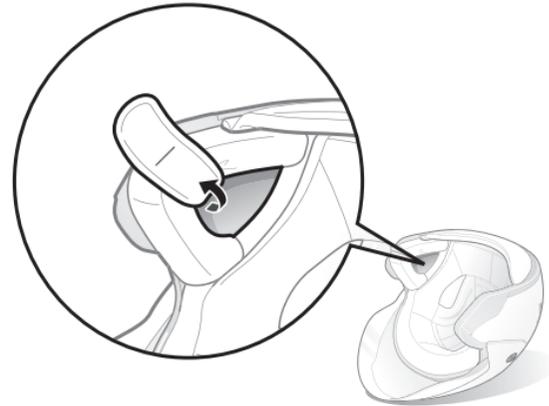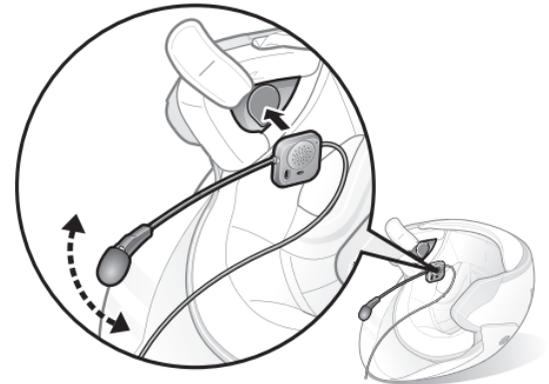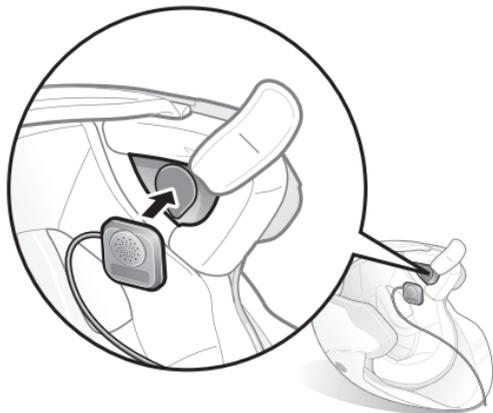
Powering On

Press and hold the (+) 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**".
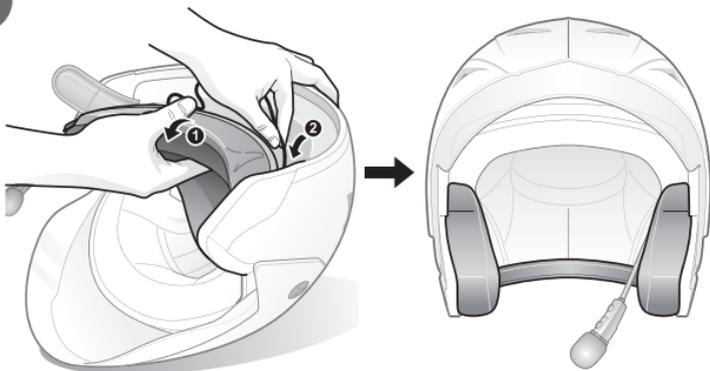
Powering Off

Press the (+) Button and the (-) Button at the same time. The red LED turns on for about 2 seconds until it turns off completely and you will hear "**Goodbye**" and descending beeps.

Charging the Headset

You can charge the headset by connecting the supplied USB power & data cable into a computer USB port or USB wall charger. You can use any standard micro-USB cable to charge the headset. The LED turns red while charging, and turns blue when the headset is fully charged. It takes about 2.5 hours to fully charge.
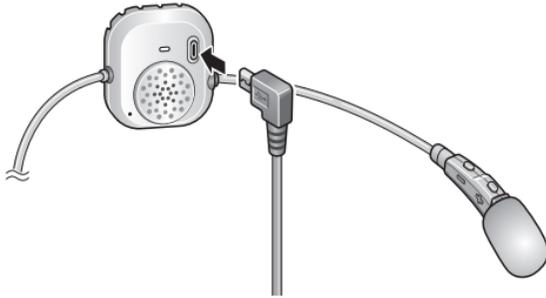
Note:

1. The USB power & data cable is also used for firmware upgrade of the headset.

2. The USB wall charger is not included in the package. Any 3rd party USB charger can be used if the charger is approved by either FCC, CE, IC.

Checking Battery Level

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

LED Indicator

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

LED	Status
4 flashes	High, 70~100%
3 flashes	Medium, 30~70%
2 flashes	Low, 0~30%

Voice Prompt Indicator

When you power on the headset, keep pressing and holding the (+) Button and (-) Button simultaneously for about 3 seconds until you hear three high tone beeps. Then you will hear a voice prompt indicating the battery level. However, if you release the buttons as soon as the headset turns on, you will not hear the voice prompt for the battery level.

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 saying "**Low battery**".

Adjusting the Volume Level

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 off and on the headset. 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.

Function Priority

The headset operates in the following order of priority:

(Highest)	Mobile Phone
	Intercom
(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.

Fault Reset

When the headset is not working properly or is in faulty status for any reason, you may reset by pushing the pin-hole reset button on the left speaker unit. Insert a paper clip into the reset pin-hole and press and hold the reset button for a second with light pressure. The headset will be switched off after which time, you have to turn the system back on and try again. However, this will not restore the headset to factory default settings.

4. OPERATION QUICK REFERENCE

Function	Operations
Power On/Off	1 sec. **+** + 1 sec. **−**
Volume Adjustment	1 press **+** or 1 press **−**
Intercom Pairing	◀ - - - - - pairing - - - - - ▶ A B 1) 5 sec. **−** 5 sec. **−** 2) 1 sec. **−**
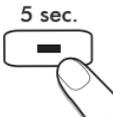
Function	Operations
Bluetooth Pairing (Phone, MP3, GPS)	1) 5 sec. **+** 2) Select **CABERG JSS** Bluetooth Device A CABERG JSS v1.0 ✓ Device B ..... 3) Enter 0 0 0 0 PIN
Start & End Intercom Conversation	1 sec. **−**
Configuration	10 sec. **+**
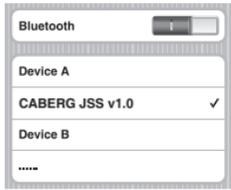
English

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Function		Operations	
Mobile Phone	**Answer**	1 press	or
	End	2 sec.	
	Voice Command	3 sec.	
	Redial	3 sec.	
	Reject	2 sec.	

Function		Operations
Music	▶ / ‖	1 sec.
	◀◀	2 sec.
	▶▶	2 sec.

5. PAIRING AND USING THE HEADSET WITH BLUETOOTH DEVICES

Mobile Phone Pairing

1 Turn on the headset and press and hold the (+) Button for 5 seconds until the LED flashes red and blue alternately and you hear multiple beeps. You will hear a voice prompt saying "**Phone pairing**".
2. Search for Bluetooth devices on your mobile phone. Select the headset 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 completed and the headset is ready to use. You will hear a voice prompt from the headset saying "**Your headset is paired**".
5. If the pairing process is not completed within three minutes, the headset will return to stand-by mode.

Multipoint Mobile Phones Pairing

You can simultaneously use two mobile phones which use the mobile phone profile.

1. You can pair the first mobile phone to the headset by following the simple procedures in "Mobile Phone Pairing".
2. To pair the second mobile phone, press and hold the (-) Button for 5 seconds until the red LED is rapidly flashing and you hear multiple beeps.
3. Within 2 seconds, press and hold the (+) Button for 1 second, then the LED turns to blue flashing and the beeps turn to high tone double beeps. You will hear a voice prompt saying "**Multipoint pairing**".
4. Search for Bluetooth devices on your mobile phone. Select the headset in the list of the devices detected on the mobile phone.
5. Enter 0000 for the PIN. Some mobile phones may not ask for the PIN.
6. The mobile phone confirms that pairing has completed and the headset is ready to use. You will hear a voice prompt from the headset saying "**Your headset is paired**".

English

Multipoint Mobile Phones Pairing
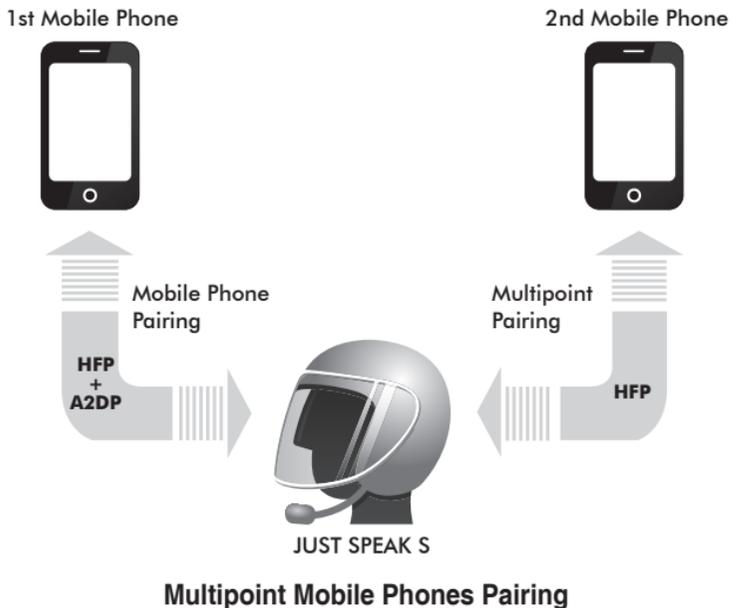
Bluetooth Stereo Device Pairing

1. If the Bluetooth stereo device is integrated with the mobile phone such as smartphones, you don't need to pair the headset with it separately. When the headset is paired with the mobile phone, it is also paired as a stereo music device.

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

Note:
1. If Bluetooth connection between the headset and a mobile phone is disconnected, press and hold the (+) Button for 3 seconds to recover the Bluetooth connection immediately.
2. If Bluetooth connection between the headset and a media player is disconnected, press and hold the (+) Button for 1 second to recover the Bluetooth connection and play.

Bluetooth GPS Navigation Pairing

You can listen to voice instruction from Bluetooth GPS navigation. Some GPS systems use mobile phone profile (HFP, Hands-Free Profile) and others use stereo music profile (A2DP, Advanced Audio Distribution Profile). Most motorcycle specific GPS systems use mobile phone profile for turn-by-turn voice instruction. You can simultaneously use a mobile phone and a GPS which uses mobile phone profile by one of the following procedures.

Multipoint GPS Pairing

If you use GPS only for turn-by-turn voice instructions, not for Bluetooth stereo music streaming, multipoint pairing is recommended for the GPS connection. Multipoint Bluetooth pairing allows the headset to connect two HFP devices at the same time: mobile phone and GPS navigation. Follow the steps below to pair the GPS using the multipoint pairing.

1. Turn on the headset and press and hold the (-) Button for 5 seconds until the red LED is rapidly flashing and you hear multiple beeps.
2. Within 2 seconds, press and hold the (+) Button for 1 second, then the LED turns to blue flashing and the beeps turn to high tone double beeps. You will hear a voice prompt saying "**Multipoint pairing**".
3. Search for Bluetooth devices on the GPS navigation screen. Select the headset in the list of the devices detected on the GPS.
4. Enter 0000 for the PIN.
5. The GPS confirms that pairing has completed and the headset is ready to use. You will hear a voice prompt from the headset saying "**Your headset is paired**".
6. If the pairing process is not completed within three minutes, the headset will return to stand-by mode.

The pairing diagram for multipoint GPS pairing is shown in the figure below.

Multipoint GPS Pairing
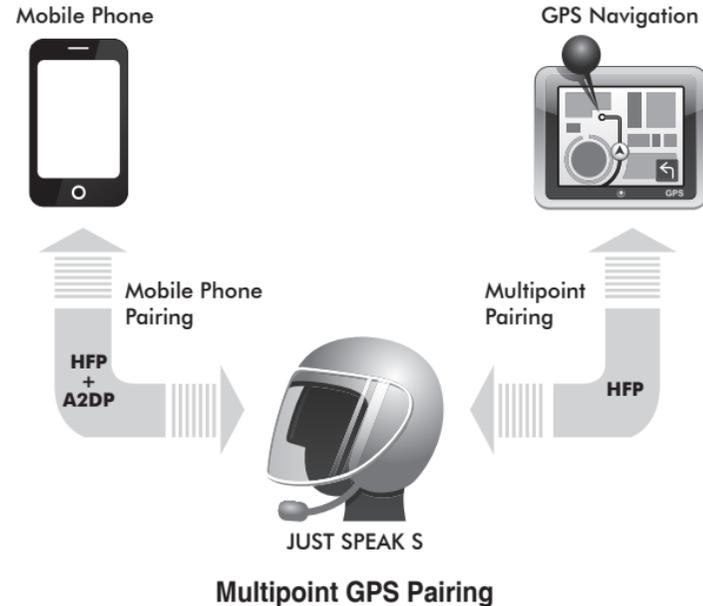
GPS Pairing as Mobile Phone

If GPS is not only used for turn-by-turn voice instructions but also is your preferred Bluetooth stereo music source, you can pair the GPS to the headset by following the simple procedures in "Mobile Phone Pairing". When you do this, the headset thinks the GPS is a mobile phone. But the headset can directly pair an additional mobile phone.

Note:
You have to use a motorcycle specific GPS which transmits turn-by-turn voice instruction to the headset by Bluetooth. Most automotive GPS systems don't have this feature.

GPS Navigation

Mobile Phone

Mobile Phone Pairing

HFP + A2DP

Multipoint Pairing

HFP

JUST SPEAK S

GPS Pairing as Mobile Phone
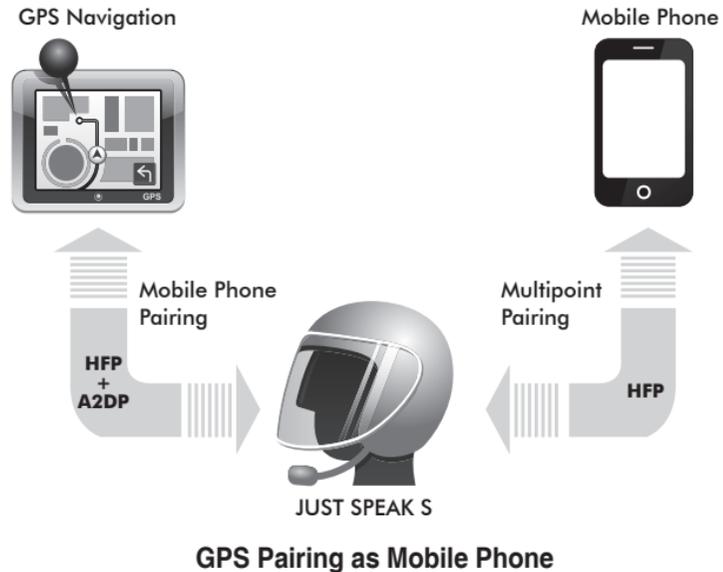
Mobile Phone Call Making and Answering

1. When you have an incoming call, simply press the (+) Button to answer the call.
2. You can also answer the incoming call by loudly speaking any word of your choice if **Voice Activated Phone Answering**, **VOX phone** is enabled. (Refer to "Enabling/Disabling Voice Activated Phone Answering" for details.)
3. To end a call, press and hold the (+) Button for 2 seconds until you hear a mid-tone single beep, or wait for the called person to end the call.
4. To reject a call, press and hold the (-) Button for 2 seconds until you hear a beep while the phone is ringing.
5. 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.
   - Press and hold the (+) Button for 3 seconds in stand-by mode until you hear a high tone single beep to activate the voice dialing of your mobile phone. For this, the voice dialing feature must be available on the mobile phone. Refer to your mobile phone manual for further instruction.
   - To redial the last number, press and hold the (-) Button for 3 seconds in stand-by mode until you hear a high tone single beep. You will hear a voice prompt saying "**Last number redial**".

Note:
1. If you are using multipoint mobile phone connection 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 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 are using multipoint connection of mobile phone and GPS, you may not listen to the GPS voice instruction during the phone call.

Stereo Music

You can listen to stereo music by Bluetooth wireless stereo. The Bluetooth audio device must be paired with the headset by following the "Bluetooth Stereo Device Pairing" instructions. The headset supports the Audio/ Video Remote Control Profile (AVRCP), so if your Bluetooth audio device also supports the AVRCP, you can use the headset to remotely control music playback. So, you can not only adjust the volume but also use the functions such as play, pause, track forward and track backward.

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

6. INTERCOM CONVERSATION

Pairing with Other Headsets for Intercom Conversation

The headset can be paired with another headset for Bluetooth intercom conversation.

1. Turn on the two headsets (A and B) that you would like to pair with each other.
2. Press and hold the (-) Button of the headset A and B for 5 seconds until the red LEDs of both units start to flash rapidly. You will hear a voice prompt saying "**Intercom pairing**".
3. Simply press the (-) Button of either of the two headsets A or B (It doesn't matter that you choose A or B) and wait until the LEDs of both headsets turn to blue and intercom connection is automatically established. The two headsets A and B are paired with each other for intercom conversation. If the pairing process is not completed within one minute, the headset will return to stand-by mode.

Starting and Ending Intercom Conversation

1. You can start an intercom conversation with your intercom friend by pressing and holding the (-) Button for 1 second.
2. To terminate an intercom conversation, press and hold the (-) Button for 1 second again.

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.
   • To answer the phone call and stop the intercom conversation, press the (+) Button. When you hang up the phone call, the intercom will automatically be recovered.
   • To reject the phone call and stay on the intercom conversation, press and hold the (-) Button for 2 seconds until you hear a beep.

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

2. When you have an incoming intercom call during a mobile phone call, you will hear 4 high tone beeps, alerting you that there is an incoming

intercom call. You will also hear a voice prompt saying "**Intercom requested**". In this case, the intercom call does not override the mobile phone 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.

Intercom Failure

When you try to start an intercom conversation with an intercom friend who is already having a mobile phone call with another person, you will hear a low tone double beep signifying a busy signal. You will also hear a voice prompt saying "**Intercom failed, try again later**". In this case, you have to try again later. On the other hand, the intercom friend will hear 4 high tone beeps alerting them that there is an incoming intercom call.

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 headset automatically tries to reconnect the intercom every 8 seconds. You will hear high tone double beeps until the intercom is reestablished. If you don't want to make a reconnection, press and hold the (-) Button for 1 second to stop the attempt.

7. CONFIGURATION SETTING

You can set the configuration of the headset by the voice menu instruction as below.

1. To enter into voice configuration menu, press and hold the (+) Button for 10 seconds until the LED shows solid blue and you hear high tone double beeps. You will hear a voice prompt saying "**Configuration menu**".
2. Press the (+) Button to navigate between menus. You will hear voice prompts for each menu items as below.
3. You can enable or disable the feature or execute the command by pressing the (-) Button.
4. If any button is not pressed within 10 seconds, the headset will exit the configuration and goes back to standby.
5. If you want to exit the configuration immediately, press and hold the (+) Button until you hear a voice prompt, "**Exit configuration**", and press the (-) Button.

The voice prompts for each menu item are as below:

(1) VOX phone
(2) Voice prompt
(3) Delete all pairings
(4) Factory reset
(5) Exit configuration

Enabling/Disabling Voice Activated Phone Answering

Voice Prompt	"VOX phone"
Factory Default	Enable
Enable / Disable	Press the (-) Button

If this feature is enabled, you can answer incoming calls by simply saying a word loudly enough, unless you are connected to intercom. For example, when you hear a series of beeps for an incoming call, you can answer the phone by saying "**Hello**" or any other word loudly. However, the phone VOX feature does not work if you are connected to intercom. This is enabled from the factory but you can disable this. If this mode is disabled, you have to press the (+) Button to answer an incoming call.

Enabling/Disabling Voice Prompts

Voice Prompt	"Voice prompt"
Factory Default	Enable
Enable / Disable	Press the (-) 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

Delete All Bluetooth Pairing Information

Voice Prompt	"Delete all pairings"
Factory Default	N/A
Execute	Press the (-) Button

To delete all Bluetooth pairing information of the headset, press and hold the (+) Button until you hear a voice prompt, "**Delete all pairings**", and press the (-) Button to confirm.

English

Reset to Factory Default Setting

Voice Prompt	"Factory reset"
Factory Default	N/A
Execute	Press the (-) Button

To restore factory default settings on the headset, press and hold the (+) Button until you hear a voice prompt, "**Factory reset**". Press the (-) Button to confirm. The headset powers off with a voice prompt, "**Headset reset, goodbye**".

Exit Voice Configuration Menu

Voice Prompt	"Exit configuration"
Factory Default	N/A
Execute	Press the (-) Button

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

Press (+) Button	Press (-) Button
"Vox phone"	Enable / disable
"Voice prompt"	Enable / disable
"Delete all pairings"	Execute
"Factory reset"	Execute
"Exit configuration"	Execute

Voice Configuration Menu & Button Operations

8. FIRMWARE UPGRADE

The headset supports firmware upgrade function. Please visit the web site at **www.caberg-helm.com** to check the latest software downloads.

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www.caberg-helm.com

User's Guide for Firmware v1.0