

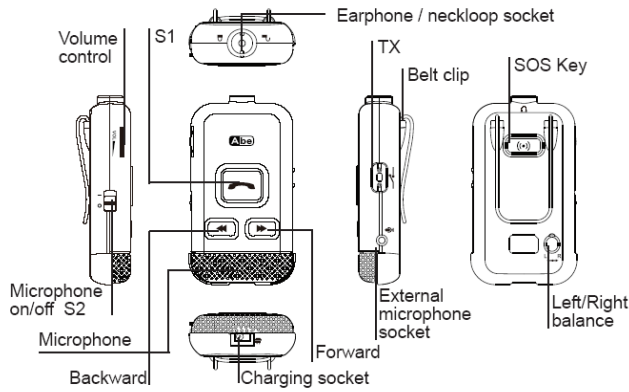
Bluetooth[®] Stereo Hearing Enhancer & Extended Ear User Manual

CS8143 & CS8144

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Stereo Hearing Enhancer --- CS8143



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Hearing safety information

Caution!

Bluetooth Stereo Hearing Enhancer is designed to amplify sound to a high volume level which could potentially cause hearing damage if it is used improperly. To protect your hearing and the hearing of others:

1. Make sure the volume level is turned to minimum volume level before you put on the earphone
2. Set the volume level at the minimum setting that you need to hear
3. Don't put the earphone close to microphone or there will have echo (a squealing or howling sound)
4. If you experience feedback (a squealing or howling sound), please reduce volume level and move the earphone away from microphone
5. Don't allow children or other unauthorized persons to have access to this product.

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Adjusting Left & Right ears balance

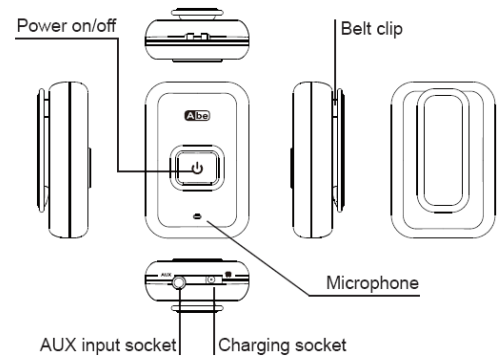
Please open the rubber cover and use screw driver to tune the left & right ears balance until you feel the sound is the most comfortable.

Wearing the Stereo Enhancer

1. Place the earphone/neckloop over your head and around your neck.
2. Attach belt-clip to your clothes (please make sure the microphone on pendant is positioning to person or audio sources you will receive)
3. Plug the earphone into your ear (for earphone)

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Extended Ear --- CS8144



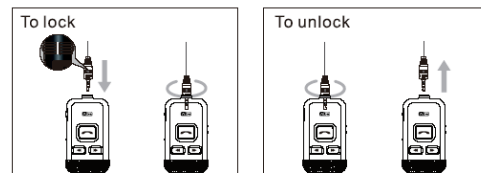
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Setup before operation

How to set up the Stereo Enhancer

1. Plug the earphone/neckloop to the earphone socket match with the track
2. Turn clockwise to lock the earphone/neckloop to pendant
3. Turn anti-clockwise to unlock the attachment

Please ensure the earphone/neckloop is properly locked to the pendant before you use the Stereo Enhancer.



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To achieve optimal face-to-face communication, Make sure the microphone on Pendant is positioning to the person or audio sources you will receive.

To achieve good phone conversation quality, make sure the microphone on the earphone or neckloop is pointing towards your mouth.

Charging the battery

Thank you for buying the new Stereo Enhancer and Extended Ear with Bluetooth wireless technology. Before first time use, it is important to charge the pair until the red LED turns off.

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Amplifying sound level

Turning on the Stereo Enhancer

When the Stereo Enhancer is powered off, press and hold the S1 key until blue LED turns on indicates that the Stereo Enhancer is powered up. Blue LED will flash every 2 seconds.

Turning off the Stereo Enhancer

When the Stereo Enhancer is powered up, press and hold S1 until blue LED turns off.

Turning on/off MIC amplifier

When the Stereo Enhancer is turned on, slide S2 to "I" position, MIC amplifier will turn on.
Slide S2 to "O" position, MIC amplifier will turn off.

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Connection between Stereo Enhancer and Extended Ear

The Stereo Enhancer and the Extended Ear have already paired when you buy the pair together. If you buy the pair separately, please follow below procedure to establish the link.

- When the Stereo Enhancer is on but not connected to any device, press & hold TX key until Red and Blue LED is flashing alternatively.
- When the Extended Ear is off, press & hold " Power on/off " key until Red and Blue LED is flashing alternatively.
- Stereo Enhancer & Extended Ear will flash blue after successful pairing. TX key of Stereo Enhancer will flash green.
- Press & hold the TX key for 2 seconds can enable and disable the connection between Stereo Enhancer and Extended Ear once they have paired.

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Connection between Stereo Enhancer and Bluetooth mobile phone

Stereo Enhancer in pairing mode

- Before start pairing, make sure the Stereo Enhancer is fully charged and the charging cable is disconnected from it. When the Stereo Enhancer is powered off, press and hold S1 until red and blue LED is flashing alternately. It indicates that the Stereo Enhancer is in Pairing Mode.
- Following the operating instructions of your Bluetooth mobile phone to start the pairing process. Typically, this has to be done by going to a setup or connect menu and then selecting the options to discover Bluetooth devices. Bluetooth may take several seconds to establish a connection.
- Your phone's display should indicate that it has found the Stereo Enhancer "Stereo Enhancer" and asks if you want to pair it. You should confirm it. For Bluetooth mobile

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Adjusting speaker volume

The Volume level can be adjusted by turning the volume control knob upward or downward. Upwards is increasing volume and downwards is decreasing volume.

Adjusting Tone Response

When you can not hear clearly in a noisy environment, press ◀ key or ▶ key once will adjust tone response to adapt to the environment.

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Muting Audio from the Extended Ear

When the audio is coming from the Extended Ear, press the TX key will mute it. Press TX key once again will release it.

Connection between Stereo Enhancer and hearing aid

The Stereo Enhancer with neckloop option can communicate with your hearing aid when your hearing aid is in T-coil mode or T-coil + MIC mode (operation of your hearing aid, please refer to its user manual). The Stereo Enhancer will transfer audio to your hearing aid wirelessly. We strongly recommend you to switch your hearing aid to T-coil mode when you use the Stereo Enhancer.

Warning: Do not use Stereo Enhancer with neckloop when you use a pace maker or any other devices that may be sensitive to magnetic/inductive field.

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phone compliant with 2.1, its easy-pairing feature enables successful pairing without asking for a passkey. For Bluetooth mobile phone compliant with 2.0 or downward versions, phone's display would prompt you for a passkey or PIN. Enter a sequence of "0000".

- The Stereo Enhancer's LED will flash blue every 2 seconds, indicating successful pairing. Usually the phone will ask whether you want to change the Stereo Enhancer's name. We recommend you to keep the default name "Stereo Enhancer".
- If pairing doesn't occur as expected. Turn off both Stereo Enhancer and mobile phone and wait for 10 seconds. Turn on Stereo Enhancer and mobile phone again and repeat all steps from beginning. Pairing does authorize the devices like mobile phones and Stereo Enhancer with each other and only needs to be performed once.

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Establishing Bluetooth link

After successful pairing between the Stereo Enhancer and the mobile phone, you may need to establish a Bluetooth link between them according to the operation manual of your mobile phone. To establish the link, press S1 shortly. Use Nokia 6130i as an example, the mobile phone will show "Do you accept Stereo Enhancer request for connection?" Select YES to establish the link. You are ready to make and answer calls on the Stereo Enhancer. For other phones, please follow the operation manual to establish the link.

Please note:

If the Stereo Enhancer is powered down, turning on the Stereo Enhancer will auto reconnect the last used device. If the Stereo Enhancer is disconnected but powered on, press S1 shortly to connect the link again. If there is abnormal loss of link happened (e.g.out of range), the Stereo Enhancer will automatically try to

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Answering incoming calls when MIC amplifier mode is on

When you wear the Stereo Enhancer and use the MIC amplifier mode and there is an incoming call presented, the Stereo Enhancer will ring. Press S1 will answer the call. MIC Amplifier will turn off automatically and resume again after the phone call.

Transferring calls

When a call is in session, call can be transferred from the Bluetooth mobile phone to the Stereo Enhancer and from the Stereo Enhancer to the Bluetooth mobile phone.

- To transfer a call from Bluetooth mobile phone to the Stereo Enhancer: press S1 once, the call will be transferred to Stereo Enhancer.
- To transfer a call from Stereo Enhancer to Bluetooth mobile phone, please follow the operating instructions of your mobile phone.

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Rejecting a call

To reject a call at the time when the Stereo Enhancer rings, press and hold ►► key until you hear a tone.

Muting the microphone

To mute the microphone function during an active call, press the ◀◀ key. A periodic beep tone will be heard when the microphone is muted.

To end the mute function, press the ◀◀ key again. Periodic tone will stop and the microphone function will activate.

Answering the call waiting

When an active call is ongoing and another call is coming, press and hold "►►" key if you want to hold the active call and answer the coming call. "►►" key will switch between 2 calls. Press S1 key will end the active call and switch to call waiting.

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reconnect the mobile phone once.

Answering incoming calls when MIC amplifier mode is off

When you wear the Stereo Enhancer and there is an incoming call presented, the Stereo Enhancer will ring. Press S1 will answer the call.

Attention: Some phones put the Bluetooth connection into Standby Mode if it has not been used for some time. When there is phone calling in, only the mobile phone rings and it will takes a few seconds to transfer the call to Stereo Enhancer. You have to wait until you hear the ring tone on Stereo Enhancer. If you press S1 to take the call before you hear the ring tone on Stereo Enhancer, the Stereo Enhancer will try to establish Bluetooth connection. This will cause connection conflict between mobile phone and Stereo Enhancer.

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Ending calls

While a call is in session on the Stereo Enhancer, pressing S1 will disconnect the call.

To make a new call using voice dial

Make sure the voice dialing function is set up in the mobile phone and it is within the range of the Stereo Enhancer. Press and hold ◀◀ key when the Stereo Enhancer is in standby mode. There is a beep tone on the Stereo Enhancer. Then use your recorded voice commands (e.g. By saying the name of the person). The call will be connected in a few seconds.

The performance of voice recognition depends on the mobile phone that supports this function.

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Call waiting feature only supports when your SIM card of mobile phone is with this feature.

Redialing the last dialed number

Press and hold the ►► key will redial the last dialed number when the Stereo Enhancer is in standby mode.

Streaming music from your mobile phone

If your mobile phone supports A2DP and AVRCP and it is connected to the Stereo Enhancer, press S1 key will stream the music. You can use the Stereo Enhancer to enjoy the music from mobile phone.

When you use Stereo Enhancer to listen the music and there is a call presented, press S1 key to answer the call. The music will stop. After the phone call is ended, the music will resume playing.

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Pause & Stop music Streaming

During music streaming, press S1 key to pause the music. Press S1 key again will resume music streaming.

To stop and disconnect music streaming, press and hold S1 key.

Forward or Backward song list

Press ► key will jump to play the next song during music playing on the Stereo Enhancer. Press ◀ key will replay previous song.

Emergency dialing

Stereo Enhancer is featured with emergency dialing that allows you to activate the call to reliable contact you preset in your mobile phone when you are in emergency situation. Please follow the preset procedures to set up the SOS contact number in your mobile phone.

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Activating SOS emergency call

Press and hold SOS key will activate emergency dialing to call the contact preset in mobile phone for SOS.

Remark: the Emergency Dialing feature can not work if your mobile phone is not in network coverage provided by your phone network operator.

TV listening kit (optional external cable)

Optional TV listening kit includes a 12 feet external cable to extend microphone reception.

To use Stereo Enhancer for TV listening:

1. Plug the external cable to "external microphone socket"
2. Place the microphone of external cable close to TV speaker

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Switching connection between Extended Ear and Mobile Phone

When Stereo Enhancer is connected to Extended Ear, press and hold the TX key to disconnect to the Extended Ear, green LED will turn off. Then press "S1" to resume music playing from mobile phone.

When Stereo Enhancer is connected to mobile phone, press and hold the TX key will connect it to the Extended Ear. TX key will flash Green.

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Preset the SOS call number:

1. Enter the number of your reliable contact into your mobile phone and store it in the phonebook.
2. Put the Stereo Enhancer into pairing mode.
3. Follow the mobile phone menu to send the designated phone number to the Stereo Enhancer via Bluetooth. Take SonyEricsson W800i as an example, you go the contact number and select "send contact via Bluetooth". It will start searching and show "Stereo Enhancer" on display. Confirm to send the contact to "Stereo Enhancer".
4. Upon successful setup of emergency dialing contact in your mobile phone, the Stereo Enhancer will quit pairing mode and back to idle mode.
5. Please verify the preset phone number by pressing the SOS call button and try to make a call.

Remind: please only preset the most reliable contact as your SOS call number.

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Caution: Please be cautious of the cable between Stereo Enhancer and TV set. We suggest you to buy Extended Ear together with Stereo Enhancer.

Connection between Stereo Enhancer, Extended Ear and Bluetooth mobile phone

Following the pairing procedure of the Stereo Enhancer to Extended Ear and to Bluetooth mobile phone, Stereo Enhancer can connect to Extended Ear and Bluetooth mobile phone at the same time.

Playing audio from Extended Ear and answering phone call

When the Stereo Enhancer is playing audio from the Extended Ear and it is connected to Bluetooth mobile phone, press S1 will answer the call if there is call presented on mobile phone. Audio from the Extended Ear will resume after the phone call is ended.

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External audio cable for Extended Ear

To obtain the best audio performance from TV set or MP3, please connect the audio cable to audio socket of Extended Ear and audio out socket of TV set or MP3.

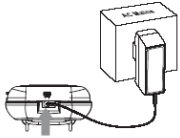
Low-battery indication

The Stereo Enhancer LED and Extended Ear LED will flash red instead of blue when the battery is low. There will also a short beep periodically on Stereo Enhancer. After this indication you still have a few minutes talk time. When the battery level is too low, the device will power off. It cannot power on again unless the charger is connected or the battery is sufficiently charged.

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Battery recharging

To recharge the battery, connect the charger cable to the device. During recharging, the LED shows a steady red light. When the battery is fully charged, the red light will be off.



The achievable talk time and standby time for the Stereo Enhancer can vary with different Bluetooth device due to different implementation of power down modes. Keep the device away from the fire to avoid damage.

Warning: For adaptor, the socket-outlet shall be installed near the equipment and shall be easily accessible.

Reminding:

When the battery is very low, the LED will not turn on until the device is charged up, which may take several minutes.

Trouble shooting guide

No sound

1. Please check earphone/neckloop is plugged and locked to Stereo Enhancer properly
2. Please check battery is powered.
3. Please check Stereo Enhancer is turned on.
4. Please check volume level is appropriated to you.
5. Please check whether your hearing aid is in T-coil or T-coil + MIC mode.

Weak sound

1. Please check volume level is appropriated to you.
2. Please check battery is powered.

Content table

Picture	Description	Picture	Description
	Stereo Enhancer		Neckloop
	Extended Ear		Earphone
	3.5mm-3.5mm extended cable		AC/DC power adaptor

LED status

Led	Status
Blue LED blinks twice every 2 sec.	Talking / Streaming
Blue LED blinks once every 2 sec.	Idle
Green LED blinking	Extended Ear in use
Blinking Red	Battery low
Red LED on	Under charging
Red LED off	Fully charged
Red/Blue Blinking	Pairing-mode
Blue LED blinking rapidly	Ringng

3. Please check your mobile phone volume level and mobile phone network signal is sound.
4. Please check the audio from Extended Ear is on.

Maintenance and care

1. Keep the Stereo Enhancer and Extended Ear out of the reach of children
2. Store the Stereo Enhancer and Extended Ear in dry condition
3. Do not expose the Stereo Enhancer and Extended Ear to excessive moisture, humidity or steam.
4. Avoid dropping or knocking the Stereo Enhancer and Extended Ear.
5. Avoid electric shock by keeping the Stereo Enhancer and Extended Ear away from water.
6. Do not clean with harsh chemicals, cleaning solvents or abrasive detergents. To clean, wipe with soft cloth slightly

Federal Communication Commission Interference Statement

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

This device complies with Part 15 of the FCC Rules. Operation is subject to the following

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

IMPORTANT NOTE:

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instruction as documented in this manual.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Correct Disposal of this product



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.



The CE marking is a mandatory conformity mark on many products placed on the single market in the European Economic Area (EEA). The CE marking certifies that a product has met EU consumer safety, health of environmental requirement

Declaration of Conformity

We,
Company: IN-TECH ELECTRONICS LTD.
With our,
Product(s): BLUETOOTH HEARING ENHANCER
Model No: CS8143 , CS8144

herewith confirm to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to the R&TTE Directive (1999/5/EC) as well as to the Low Voltage Directive 2006/95/EC. For the evaluation of above mentioned Directives, the following standards were applied:

- EMC
- EN 301 489-17 V1.3.2 (2008-04)
- EN 301 489-1 V1.8.1 (2008-04)
- EN55022: 2006+A1:2007, EN61000-3-2: 2006
- EN61000-3-3: 2008
- EN50371:2002, LVD EN60950-1: 2006+A11:2009
- EN 300 328 V1.7.1 (2006-10)

The following manufacturer is responsible for this declaration:
In-Tech Electronics Ltd
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