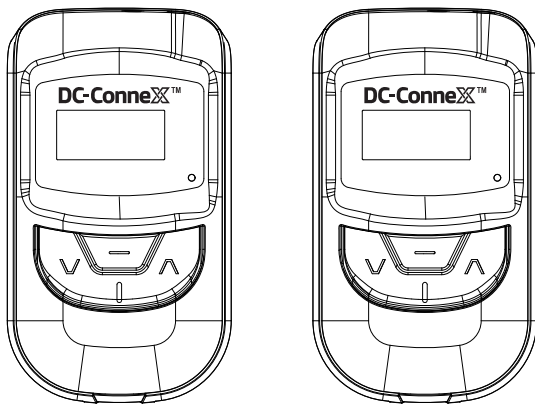


USER'S MANUAL FOR Leisure TOUR

Ver.10720DCCI

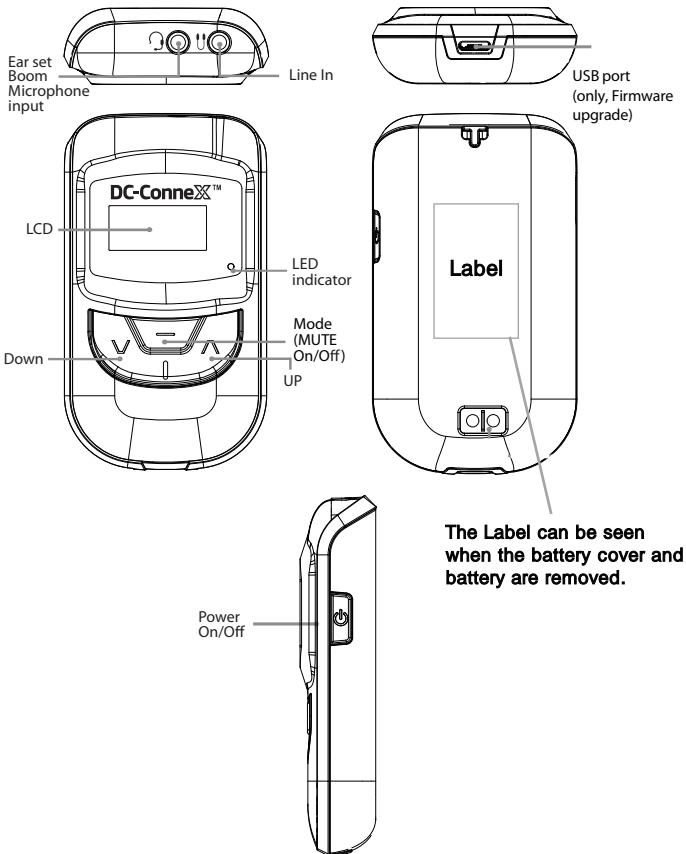


The most optimized wireless solution for active interaction.

Full-duplex discussion and communication between the leader and a guest.

2. Controls and Indicators

2.1 DCX-L101



Power Button

Press and hold the Power button for a second to turn the device power On/Off.

Mode Button

Mute On/Off

Talk is ON while pressing the button, Move to the next setting article.

Up Button

Increase Volume Level, Channel number, MIC gain and Side tone On/Off.
Go to setting mode. (Press Up/Down buttons together).

Down Button

Decrease Volume Level, Channel number, MIC gain and Side tone On/Off.
Go to setting mode. (Press Up/Down buttons together)

Headset Jack

3.5mm headset contact

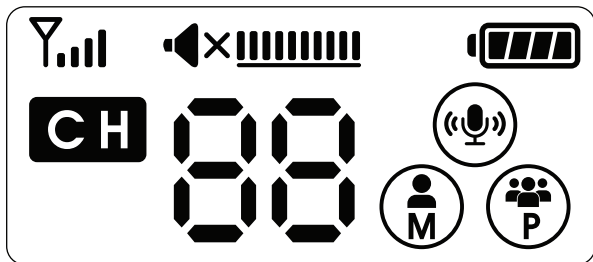
LCD

Indicate current status and setting.

USB Jack

Type-C USB port for firmware upgrade (No USB charging function)

2.3 LCD



 Signal Strength


 Volume

 Battery Status

 Channel

 Current Setting

 TALK State

 Set as Leader

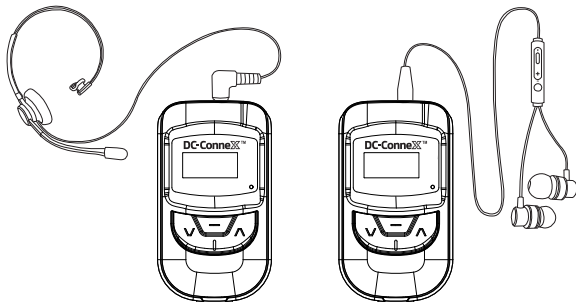
 Set as Guest

3. How to Use

3.1 Set-up in 3 easy steps

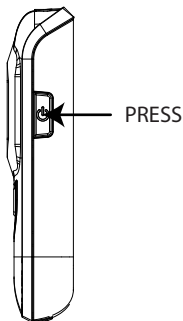
- Step 1, Plug In

Plug in the Single ear headset with boom Mic and plug-in Earphone w/inline Microphone



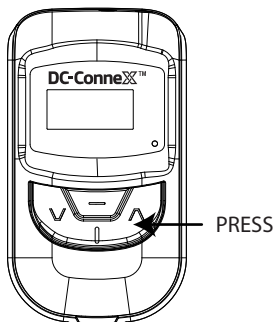
- Step 2, Turn On

Turn on the power and adjust the volume to the level you desire.



- Step 3, Set Channel Number

Set the same channel number between the by press "V" and "Λ" button.






3.2 Mute On/Off


3.2.1 Leader

- Mute will be enabled/ disabled with a quick press of Mode button (▾).
- Mute on ; (⊗) icon disappears from the display screen and the Guests cannot listen to the Leader.
- Mute off ; (⊗) icon appears on the display screen and all the Guests can listen to the Leader.
- This function toggles each time when short press the Mode button (▾).

3.2.2 Guest

- The Mode button is a push to talk (PTT);
Can talk only when pushing, and connection to talk is very fast.
- When PTT is activated, the display shows  and a single beep occurs.
- PTT is activated only when pressing the Mode button() and automatically deactivated when release the button.
- If another guest presses PTT first and is on a talk, double beep occurs as alert when you press PTT and the microphone icon  does not appear.

3.3 Audio Alert

- Low battery ; Short & repetitive tone occurs every 2 min.
- Out of link ; Tone continuously repeats every 2 min when the device is out of link.
At this time, RSSI signal bar icon  disappears from the display screen.

3.4 Power On/Off

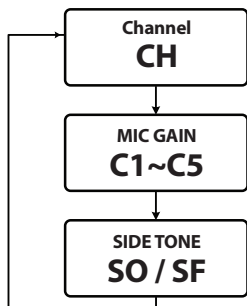
Press and hold the "Power" button for a second to turn the device power On/Off.

3.5 Functions

There are 2 modes in operation mode, normal mode and setting mode. The default mode is normal when turn on the power. Press "V" and "Λ" buttons together for few seconds to go to setting mode.

- Setting values are shown in the order of Channel-> MIC GAIN -> SIDETONE as shown in Figure 1.
- Can see the setting modes in order when short press the Mode button.

Figure 1



- After selecting the desired mode, wait for few seconds or long press "∨" and "∧" buttons together to finish the setting.

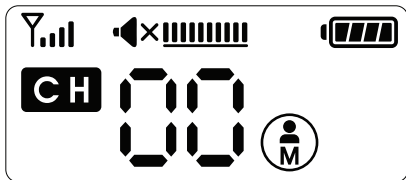
3.6 Volume Adjustment

- Volume adjustment function to let the user to change the volume when needed.
- Volume Level appears on the top of the LCD screen when turn on the power.

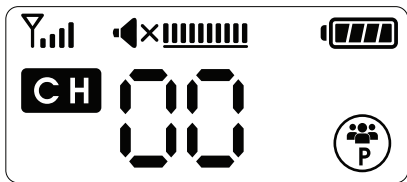
In normal mode, adjust the volume to the desired level by pressing "∨" or "∧" button on the front of the device.

- Volume can be set from 0 ~ 10. [Default Level: 3]

- Leader



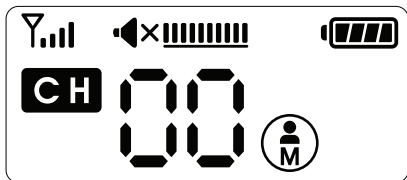
- Guest



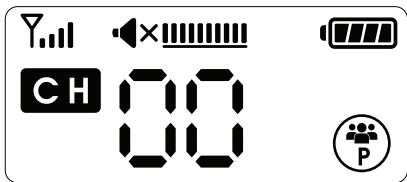
3.7 Channel Selection

- Channel setting function to let the user to change the Channel when needed.
- Turn on the power of the device.
- Long press "V" and "Λ" buttons then the LCD screen becomes SETTING mode and **CH** blinks.
- Press "V" or "Λ" buttons on the front of the device to set the desired Channel.

- Leader



- Guest

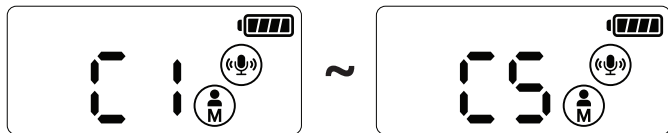


- After selecting the desired channel, wait for few seconds or long press "V" and "^" buttons together to finish the setting.

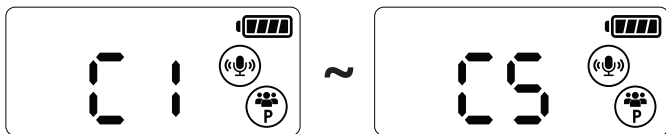
3.8 Microphone Sensitivity Level Selection

- MIC gain Level can be adjusted when using.
- Turn on the power of the device.
- Long press "V" and "^" buttons then the LCD screen becomes setting mode. Then press Mode button (≡) once.
- Short press Mode button (≡) to go to MIC gain level setting screen.
- Adjust the MIC gain setting by "V" or "^" buttons.
MIC gain level can be set from 1~5.

- Leader



- Guest

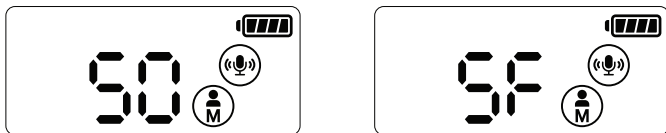


- After adjusting to the desired level, wait for few seconds or long press "∨" and "∧" buttons together to finish the setting.

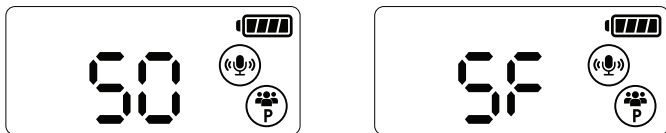
3.9 Side Tone Selection

- Side Tone can be turned On/Off.
- Turn on the power of the device.
- Long press "∨" and "∧" buttons then the LCD screen becomes setting mode.
- Short press Mode button (☐) to go to Side Tone setting screen.
- The user can turn Side Tone level On (SO) or Off (SF) by "∨" or "∧" buttons.

- Leader



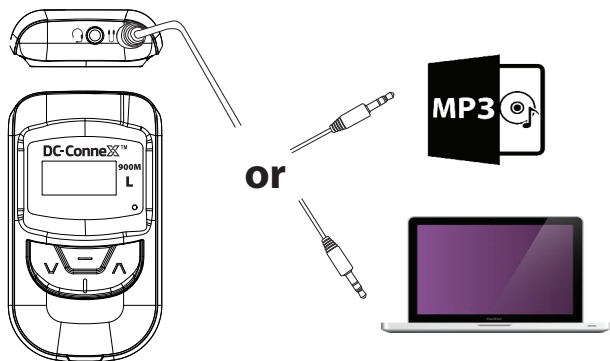
- Guest



- After selecting, wait for few seconds or long press "∨" and "∧" buttons together to finish the setting.

3.10 Line - In

- It is available to publish with background music.
- Connect the cable between Line- In and external audio source by using the optional Line-In cable and adjust to the desired volume level of music.



Note) The Line-In cable might not be working depending on the wire diagram of external audio source. Please check the wire diagram of the external audio source and match it to the wire diagram of the Line-In.

3.11 Battery

- The rechargeable Li-Ion battery 3.7V, 1,100mAh is equipped in each device.
- When the battery is discharged, it is used by replacing the charged battery through the charging cradle case.

4. Specification

Dimension

58 x 88 x 17.4 mm

Operating Temperature

-10 ~ +50

Radio Frequency

DCX-L101 ; 902.5MHz ~927MHz

DCX-L102 ; 863.4MHz ~864.6MHz

DCX-L103 ; 2,407MHz ~2,476MHz

Frequency Bandwidth

500 kHz

Distance(Line of sight)

150meters(typical)

Tx Output Power

DCX-L101 ; 100 mW

DCX-L102 ; 10 mW

DCX-L103 ; 100 mW

Rx Sensitivity

- 95 dBm

Channel spacing

DCX-L101 ; 500KHz

DCX-L102 ; 100KHz

DCX-L103 ; 500KHz

Frequency response

50~8,000Hz

Voice latency(typical)

30ms

Number of simultaneous listeners

Unlimited

Number of group

DCX-L101 ; 50 CH

DCX-L102 ; 8 CH

DCX-L103 ; 40 CH

Hours of operation(typical)

10 hours for Leader / 15 hours for Guest

Number of simultaneous transmitters

2

Battery Type

Li-ion Battery @3.7V/ 1,100 mA

Antenna

Internal

Compliance to FCC US/CAN

- This device complies with Part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s).
- 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 of the device.
- 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 encouraged to try to correct the interference by one or more 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.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

WARNING !

FCC Radiation Exposure Statement :

This portable equipment with its antenna complies with FCC's RF radiation exposure limit set forth for an uncontrolled environment. To maintain compliance follow the instruction below;

- This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.
- Avoid direct contact to the antenna, or keep it to a minimum while using this equipment.

This device complies with RSS-247 of the Industry Canada 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.

Ce dispositif est conforme à la norme RSS-247 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Radiation Exposure Statement

The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

Declaration d'exposition aux radiations :

Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada etablies pour un environnement non control. Le produit est sur pour un fonctionnement tel que decrit dans ce manuel. La reduction aux expositions RF peut etre augmentee si l'appareil peut etre conserve aussi loin que possible du corps de l'utilisateur ou que le dispositif est regle sur la puissance de sortie la plus faible si une telle fonction est disponible.

This product has been certified with the following antennas, and may only be used with the same or less antenna gain.

Antenna	Max. Gain
Chip Antenna	-1.0 dBi

This equipment complies with the essential requirements of EC Directive 2014/35/EU, 2014/30/EC and 2014/53/EU, as applicable. Declarations are available from your local representative.

This product has required the extraction and use of natural resources for its production. It may contain hazardous substances that could impact health and the environment, if not properly disposed.

In order to avoid the dissemination of those substances in our environment and to diminish the pressure on the natural resources, we encourage you to use the appropriate take-back systems for product disposal. Those systems will reuse or recycle most of the materials of the product you are disposing in a sound way.



The crossed out wheeled bin symbol informs you that the product should not be disposed of along with municipal waste and invites you to use the appropriate separate take-back systems for product disposal.

If you need more information on the collection, reuse, and recycling systems, please contact your local or regional waste administration. You may also contact your supplier for more information on the environmental performance of this product.

Replaceable battery

If an equipment is provided with a replaceable battery, and if replacement by an incorrect type could result in an explosion (for example, with some lithium batteries), the following:

- if the battery is placed in an OPERATOR ACCESS AREA, there shall be a marking close to the battery or a statement in both the operating and the servicing instructions;
- if the battery is placed elsewhere in the equipment, there shall be a marking close to the battery or a statement in the servicing instructions.

This marking or statement shall include the following or similar text:

**CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.**



CAUTION

Users are recommended to wear the necklace of this device, and to reduce communication interference, it is recommended that the front face be seperated by at lest 10mm.