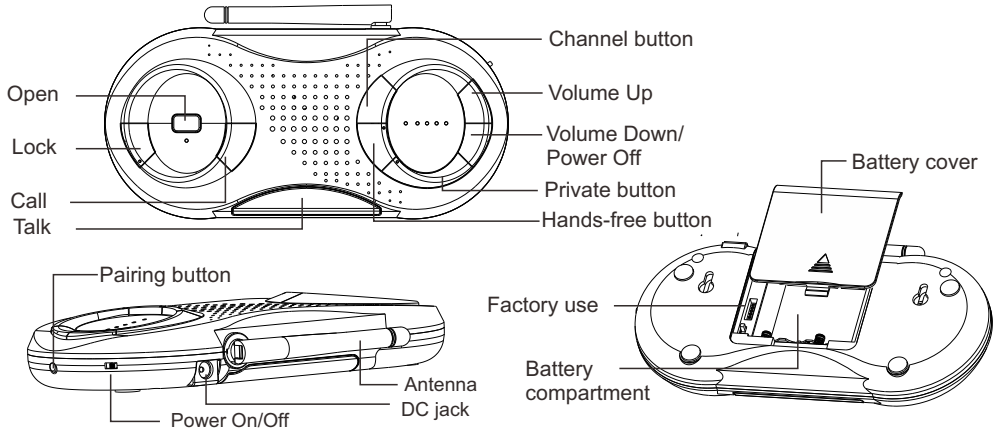


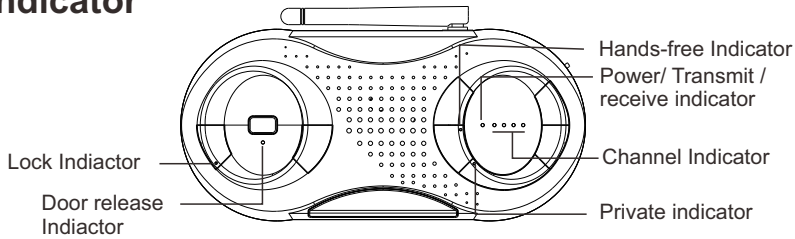
**Wireless Intercom
ICX-3100
USER MANUAL**

Function & Parts

Control Button



Indicator

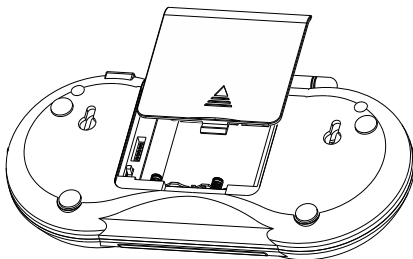


Power

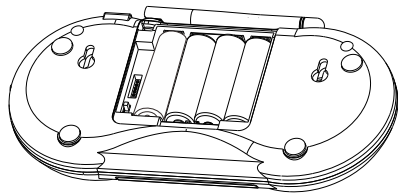
Battery Type

This intercom system can operation with Alkaline batteries

Batteries Installation



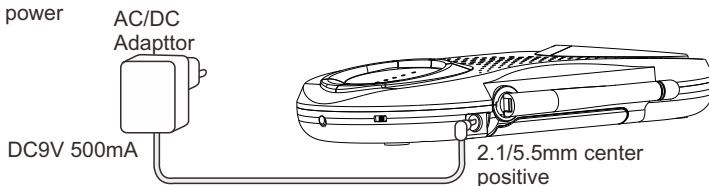
Press and slide to open the batter cover



Insert 4 AA batteries to the battery compartment.

Using Power Adaptor

Plug in a 9V-500mA AC/DC power adaptor to the DC jack.

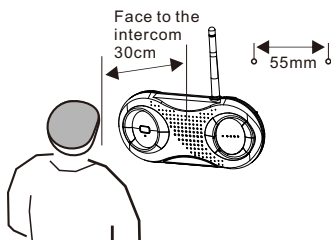


** when the mains power lost it will change to use backup batteries automatically.

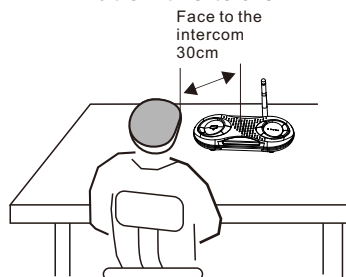
Mounting

This intercom is not a hand held device, It must mount on the wall or put on the table uses.

Mount on the wall



Put on the table

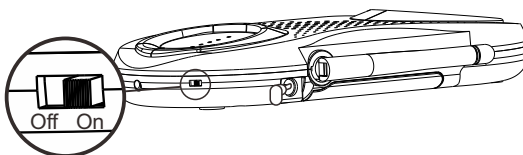


Power On / Off

Mechanical Power Switch

Flip the switch from "Off" position to the "On" position, the power will flash 2 times and the channel indicator will blink to indicate the unit is searching the system Synchronization signals. Once the signals are found, the channel indicator will stop blinking and the slave unit will generate a beep tone.

To turn off the intercom, flip this switch to "off" position.



Hibernate mode

Hibernate

Press and hold the volume decrease button 5 seconds, the unit will go to hibernate mode.

Wake Up

Press any key on the panel will wake up the unit. The channel indicator will blink to indicate the unit is searching the system Synchronization signals. Once the signals are found, the channel indicator will stop blinking and the slave unit will generate a beep tone.

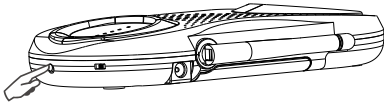
Set Up

Clear system Code

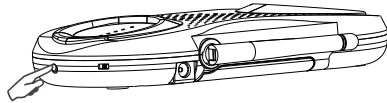
Before set up a new system, you need to clear the system code of all intercom devices.

1. Press the "pairing" button on the intercom once. The channel indicators will run sequence. It is entering to pairing mode.
2. Press and hold the "pairing" button for 5 seconds until the channel indicator off and return a beep tone. Now the system code is clear.

**** If you want to add a new intercom device to the system, you must clear the code of the new device first.*



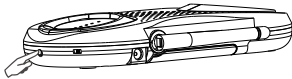
(1) Press once to entering to pairing mode



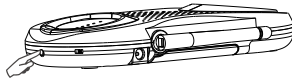
(2) Press and hold 5 seconds to clear the system code

Create a new system

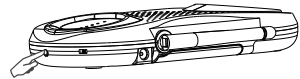
1. Clear the system code of all intercom devices.
2. Press the "pairing" button of the intercom unit. The channel indicators will run sequence. (The first intercom entering to pairing mode is the master unit).
3. Press the "pairing" button of other intercom unit. The channel indicators will run sequence. Once the units is paired, the channel indicator of these two units will stop running and the slave unit will generate a beep tone.



(1) Clear the code of all unit



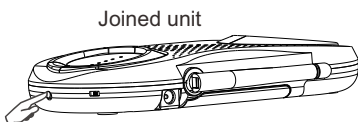
(2) Make system code by press the pairing button of first intercom unit



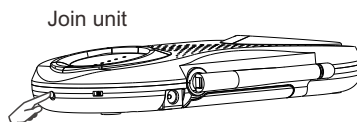
(3) Press the pairing button of the other intercom unit to join to this system.

Pairing (Add new intercom unit to the system)

1. Make sure the system code on the unit that you want to join is cleared.
2. Press the "pairing" button on any paired unit, the channel indicators will run sequence on this unit. You have 60 seconds for pairing.
3. Press the "pairing" button on the unit that you want to join to the system.
4. Once this unit is joined, the channel indicator of these two units will stop running and the slave unit will generate a beep tone.
5. Repeat 1 - 4 step to join new intercom unit.



Joined unit
Press once



Join unit
Press once

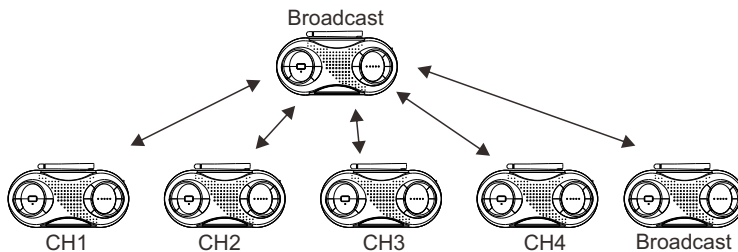
Operation

Change the Channel

There are 4 separate channels and a broadcast channel on this system. To change the channel simply press on the "channel" button. The indicator will showed 1>2>3>4>1234. When 4 channels LED are lit, currently in broadcast mode.

Broadcast

Press the channel button until 4 channel LED are lit together. In this mode It can receive message from all channel and can transmit message to all channel.



Volume control

Press the volume increase and volume decrease to adjust the volume. The unit will return a beep tone to indicate the volume level. There are 5 step volume level.

Hands-Free Function

Press the hands-free button to turn on the hands-free function. The hands-free indicator will lit. When the hands-free function is on, you do not need to press the talk button for talking. It is on the sound active mode. Press the hands-free button to exit this function.

Lock Function

Press the lock button once, the lock indicator will lit. The unit is on the transmit mode. this function for monitoring. Press the lock button to exit this function.

Call

Press the call button once, the other units on the same channel will ring, press the talk button to receive the call.

Talk

Press the talk button and wait for transmit indicator lit up, speak to the microphone.

Open

For door lock release. Press this button once, the door lock will release 2 seconds. If the door lock controller receiver received the signal, the "Open" LED will blink once to confirm door is opened.

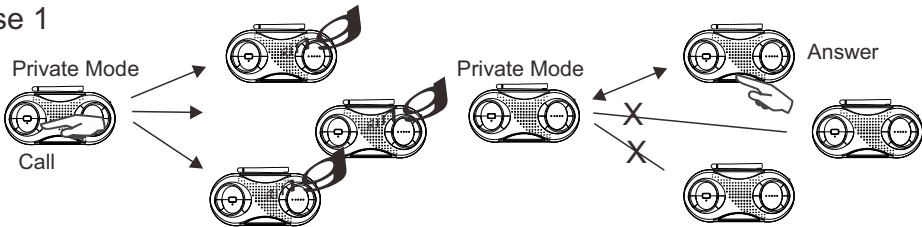
Battery Low Indication

When the batteries voltage is low, the power LED and channel are blink every 20 seconds. You must change new batteries.

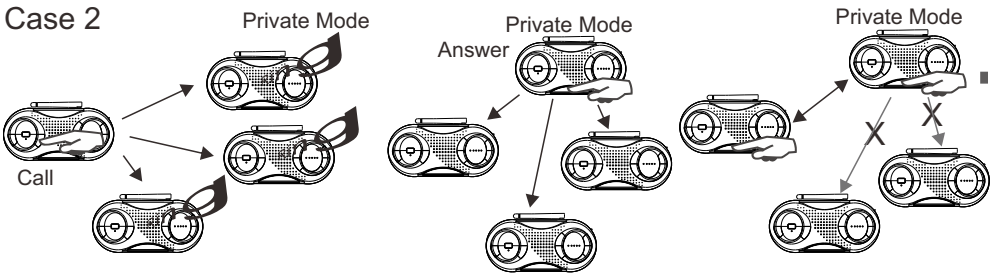
Private Mode

To make a private call, press private button once. The indicator will lit. Then press the call button. The intercom unit on the **same channel** will ring. When any one presses the talk button to answer the call. The private call establish. Press the private button again or idle for 10 seconds to exit this mode.

Case 1

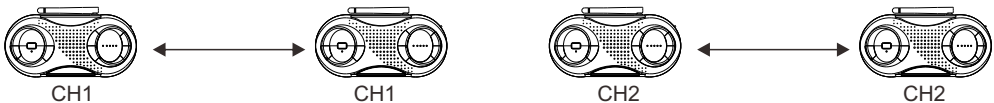


Case 2



Communication

This system can handling more than two communication channels to talk at the same time and do not interfere.



Trouble shooting

Symptoms	Causes / Action
Channel LED can not stop running while pairing.	The intercom unit has other system. You Need clear the codes before create a new system code.
Channel LED can not stop running when adding a new intercom to the system	The new intercom units has other system. You Need clear the code before add to the system. .
Can not receive any signal. Can not stop transssion.	The lock function is activated. Release the lock function. or The hands-free function is activate and the environment too noisy. Release the hands-free function.
Distortion or too mush noise or when communication	The communication range is reach the limit, reduce the communication distance or adjust the antenna position.

FCC 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 or more of the following measures:

- * Reorient or relocate the receiving antenna.
- * Increase the separation between the equipment and receiver.
- * Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.

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.

Note: Changes or Modifications not expressly approved by the party responsible could void the user's authority to operate this device

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 25mm between the Wireless Intercom & your body or face.

Specification:

Power : DC6V (4x AA)

External Power: 9V / 500mA

Communication technique: frequency hopping

Battery Low voltage: 4.2V

RF Power : 57mW

RF Sensitivity: -108db

Cover range: 300meter (Open field direct line of sight)