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# SH-350G/M

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사용설명서  
MANUAL

## 1. Outline of Product

This Product is a short-range wireless communication device using 2.4GHz, 900MHz frequency. Several SLAVE devices are connected to one MASTER device to form a group call. Up to 6 people including the MASTER device can talk to each other at the same time

(※ If EARSET is used, six people can talk to each other over the device. If not, one-way call is possible).

You can listen by connecting SLAVE devices unlimitedly. It is also easy to carry thanks to a light weight of 70g, and can be charged with micro USB cable. This product can be used in various places such as interpretation system, tour guide, sport scenes, work sites, etc.



Certificate No. MSIP-CRM-ESE-SH-350G  
Manufacturer / Made in Seyoung Information & Telecommunications, Co., Ltd. / Korea  
Manufactured Date Marked separately in the product

This radio equipment may cause radio interference, so it cannot provide services related to personal safety



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## 2. Safety Precautions

**This Manual is prepared for users' safety and the correct use of the device.**

- Do not leave the device in an extremely hot or humid place.  
Doing so may cause malfunction, damage to the device, and explosion.
- When used for a long time, it may cause hearing disorder.  
Please use the device with the appropriate volume.
- This device can be used only at a short distance and only in countries where the use of the 2.4GHz, 900MHz frequency band is permitted.
- Do not leave the battery charging terminal on or near electromagnetic objects.
- Do not disassemble or shock the device.
- Before use, be sure to fully charge the battery.
- This device is a wireless communication device. If a wireless product using the same frequency is nearby, it may cause service degradation or service failure during operation.

## 3. Precautions for Handling Battery

### Precautions for Use

- It is designed not to cause any problems during charging the device up to 45°C, but it is recommended to avoid exposing the device to ambient temperatures higher than 35°C because it may permanently damage battery capacity.
- The device is designed to be used up to an ambient temperature of -20°C. However, when using your device in a very cold environment, you may notice a decrease in battery life, but this condition is temporary. Once the battery's temperature returns to its normal operating range, its performance will return to normal as well.

### Precautions for Storage

- If you need to keep your device for 6 months or longer, you should charge the device every six months and keep it at 50% charge level.
- Keep the device in a cool and damp place with an ambient temperature of less than 32°C.
- If you store a device when its battery is fully discharged, the battery may fall into a deep discharge state, which renders it incapable of holding a charge.
- Conversely, if you store it fully charged for an extended period of time, the battery may lose some capacity, leading to shorter battery life.

## 4. Specifications of Product

Quality mark in accordance with the Quality Management and Safety Control of Industrial Products Act

Model	SH-350G	SH-350M
Frequency Band	2.403~2.481 GHz	902~928MHz
Available Service Distance (It may vary depending on service environment)	500m	500m
Transmission Output	100mW	125mW
Charging Time	2~3 Hours	
Usage Time	10 Hours or longer	
Battery Charger Type	Lithium Polymer 3.7V, 1,300mA	
Weight	70g	
Size(W x H x D)	38 x 78 x 19mm	
Operating environment temperature	-20°C ~ 60°C	
Waterproof/Dustproof	IP 54 grade	

※ We, the manufacturer, do not take any responsibility for unauthorized use in foreign countries.

## 5. Basic Component

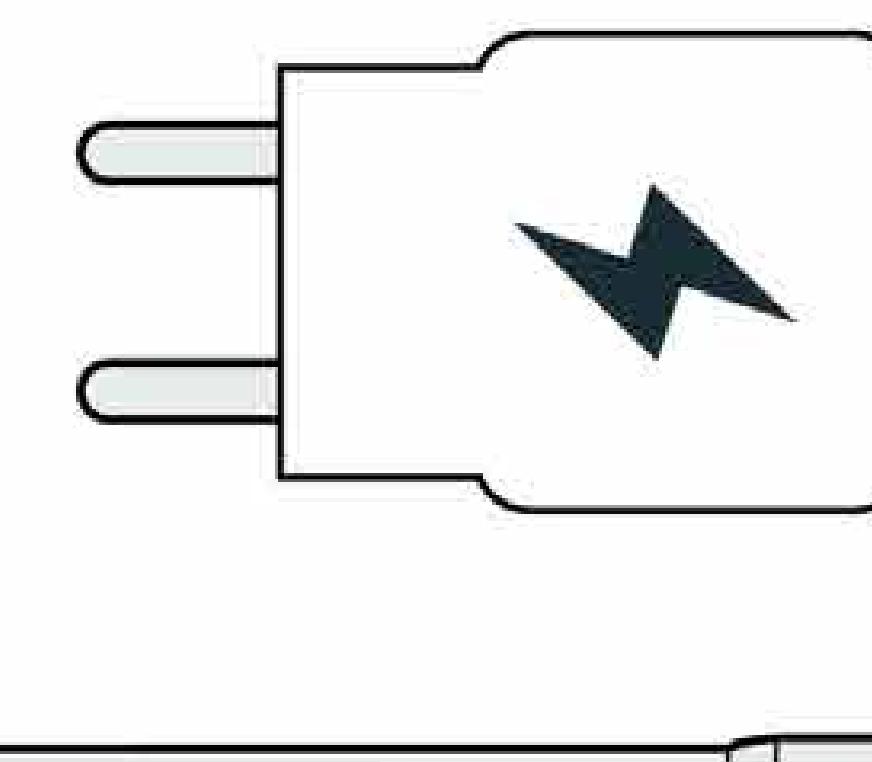
SH-350G/M X 2



NE-350 X 2



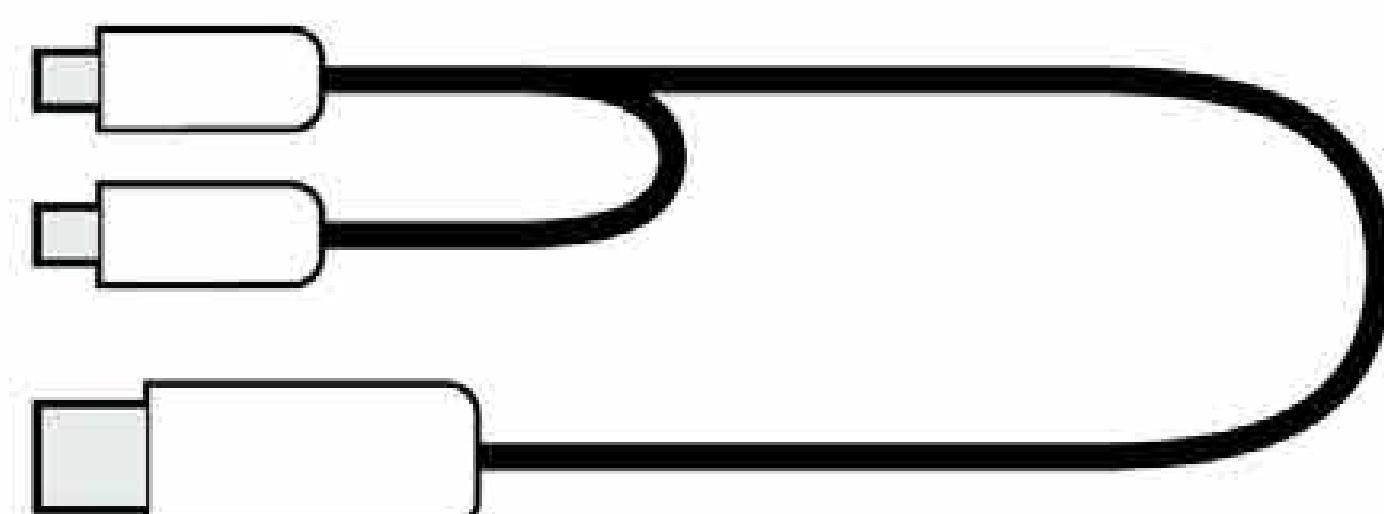
ADAPTER X 1



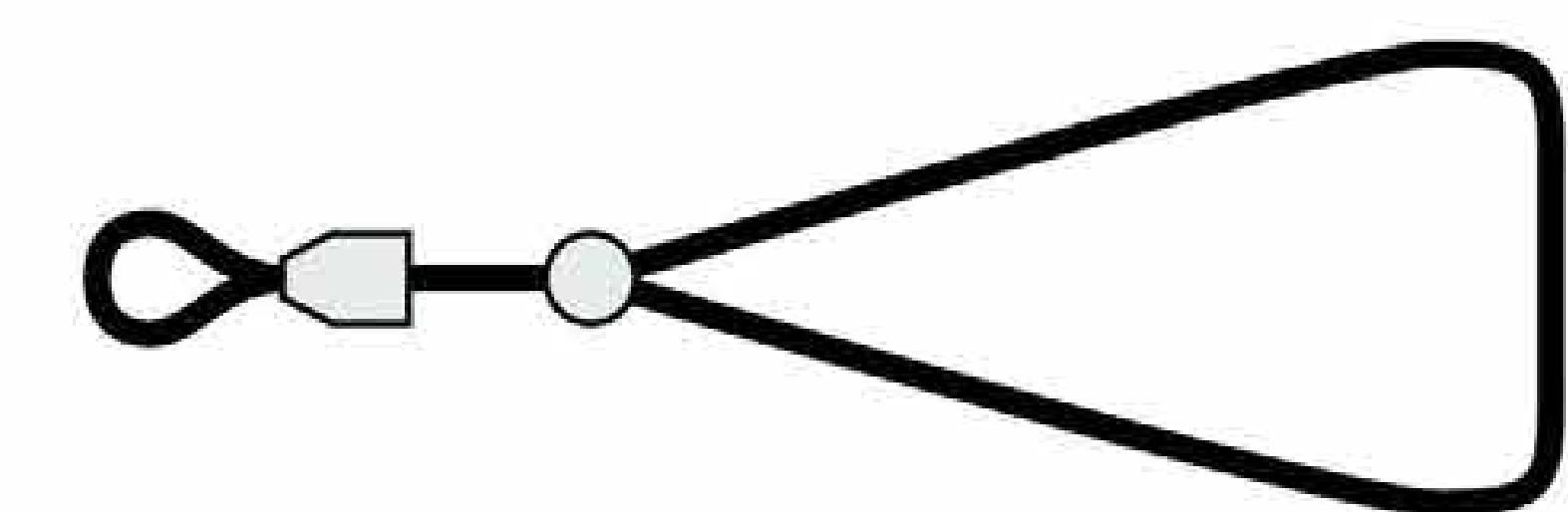
MANUAL X 1

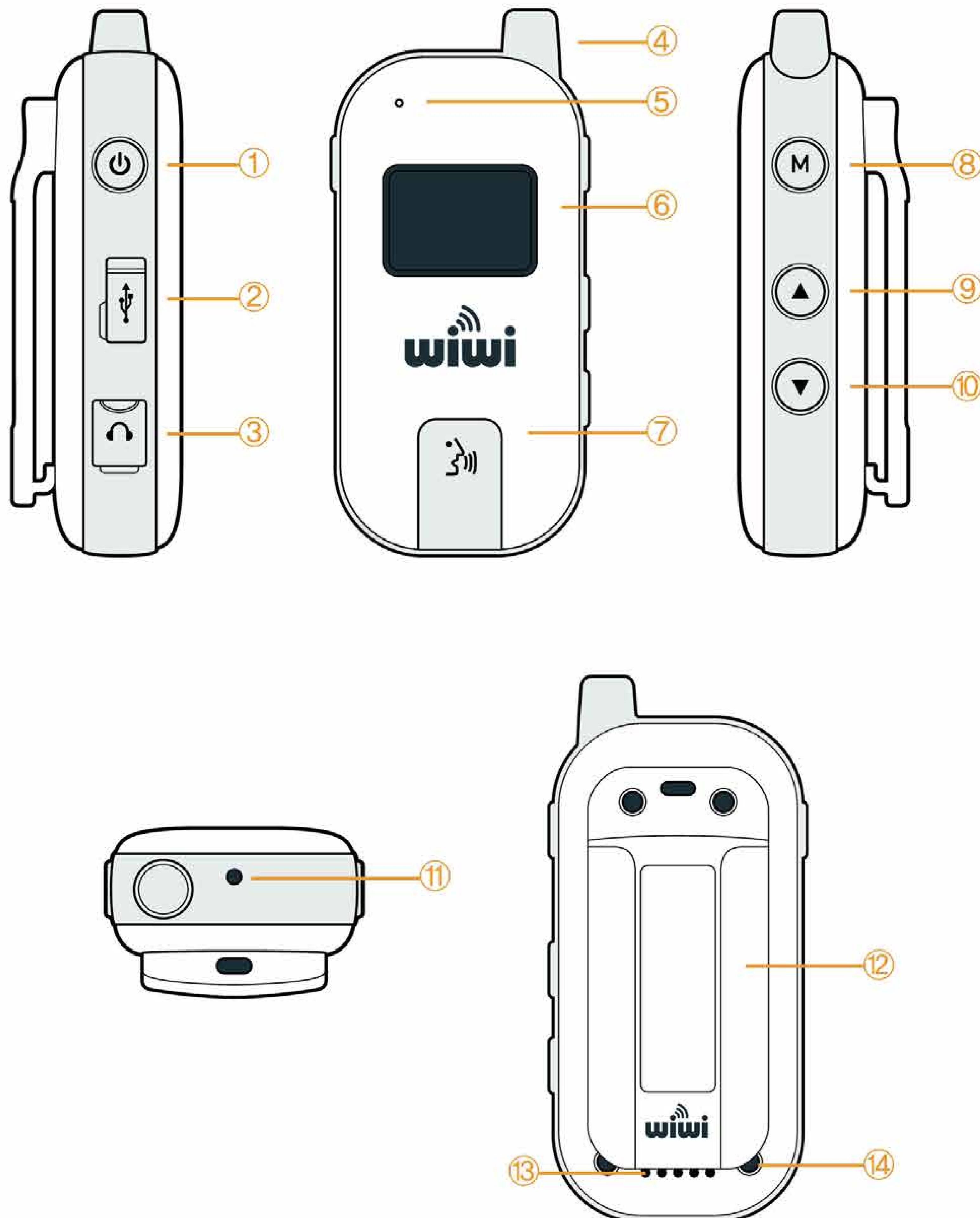


USB CABLE X 1

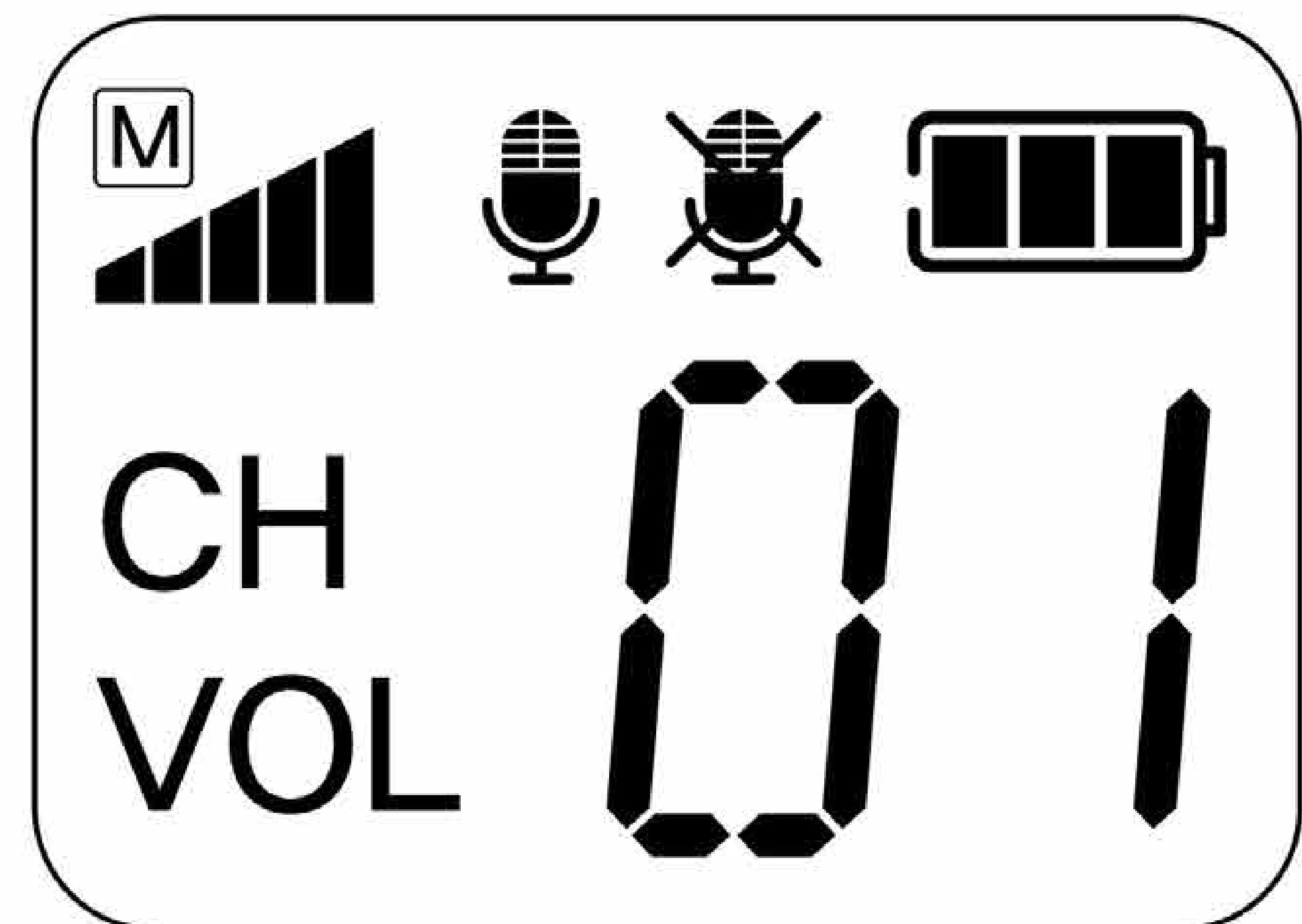


NECK STRAP X 2





① Power button :	Turn ON / OFF the device
② Micro USB terminal :	Used for charging with Micro USB cable
③ EAR JACK terminal :	Used when connecting the device with the EARSET
④ Antenna :	Antenna for wireless transmission/reception
⑤ MIC :	Built-in microphone, used when not using the EARSET
⑥ LCD :	Display various information required for product operation
⑦ TALK button :	Press Talk ON / OFF button
⑧ MENU button :	The button to change a channel mode
⑨ Up button :	Used for increasing the call volume or the channel number.
⑩ Down button :	Used for decreasing the call volume or the channel number
⑪ LED :	It shows charging status. Red LED lights up during charging. Green LED lights up when charging is completed.
⑫ Belt clip :	Used for wearing it on clothes or waist belt
⑬ Speaker :	Built-in speaker, used when not using the EARSET
⑭ Charging terminal :	Used for simultaneous charging cradle (simultaneous charging cradle sold separately)



- ① Display MASTER device
- ② Receive Sensitivity:  
Display if it is linked to the MASTER device
- ③ Display the state of having the Right to speak
- ④ Display the state of  
denying the request for the right to speak
- ⑤ Display the battery level
- ⑥ **VOL** VOL Volume display range : 00~06

To check proper audio output, please connect the device and the EARSET first before turning on the device

### A. Power On/Off

How to Turn on MASTER mode long

1. Press and Hold the power button for about 2~3 seconds while pressing ▲ button.
2. The LCD turns on with a sound "MASTER ON"

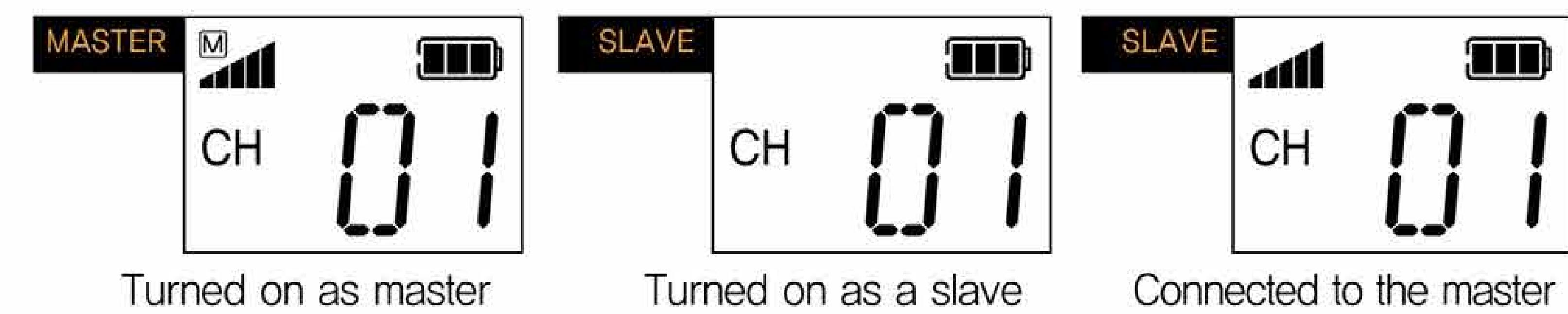


How to Turn on SLAVE mode long

1. Press and Hold the power button for about 2~3 seconds.
2. The LCD turns on with a sound "SLAVE ON"

How to Turn off the Device long

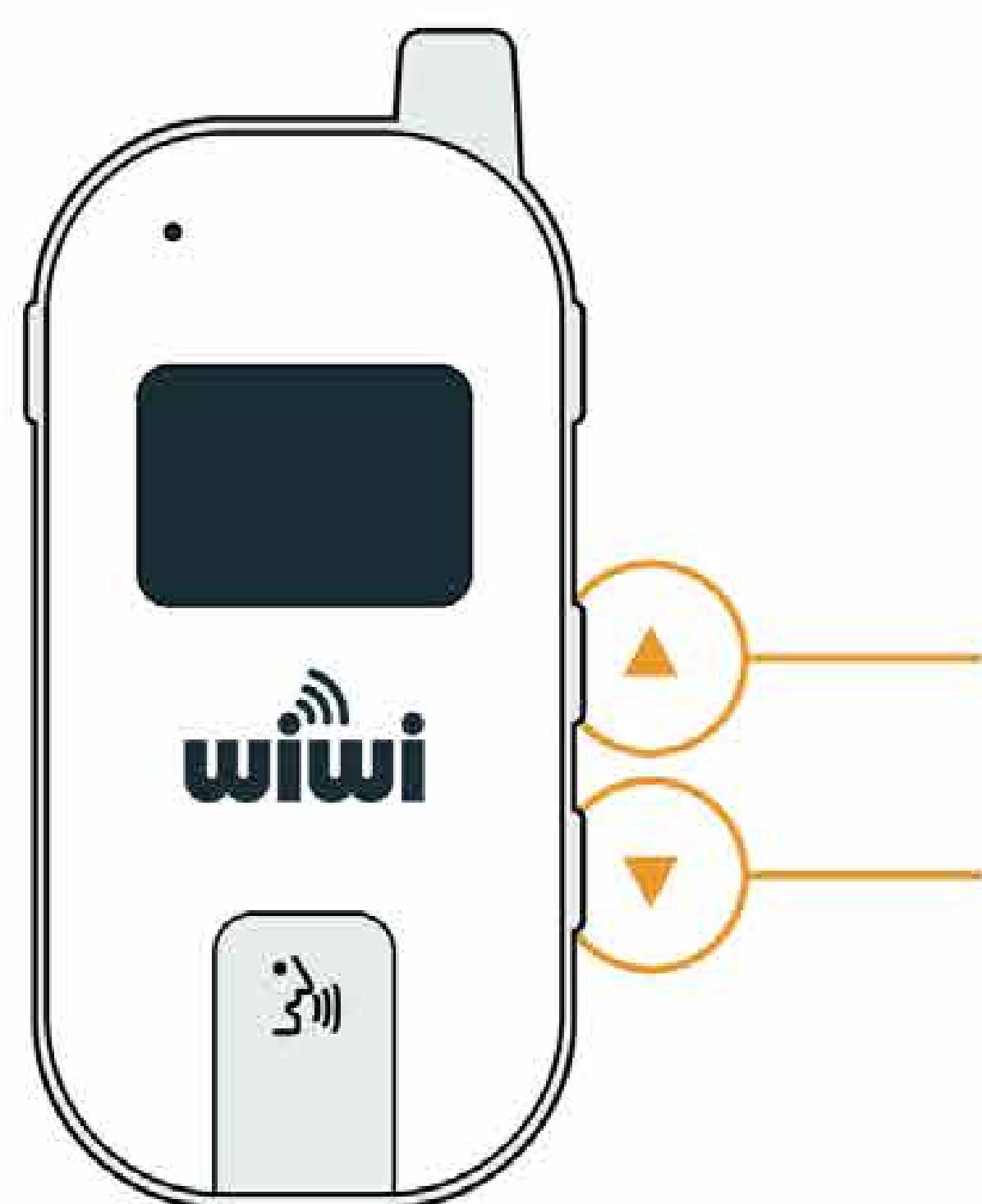
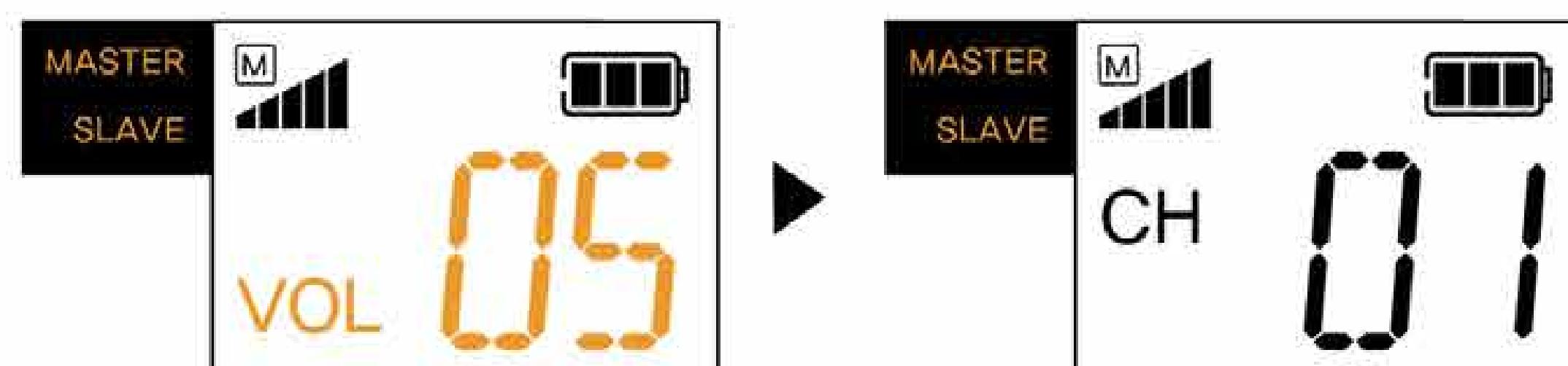
1. Press and Hold the power button for about 2~3 seconds
2. The LCD turns off with a sound "POWER OFF"



## B. Volume Control

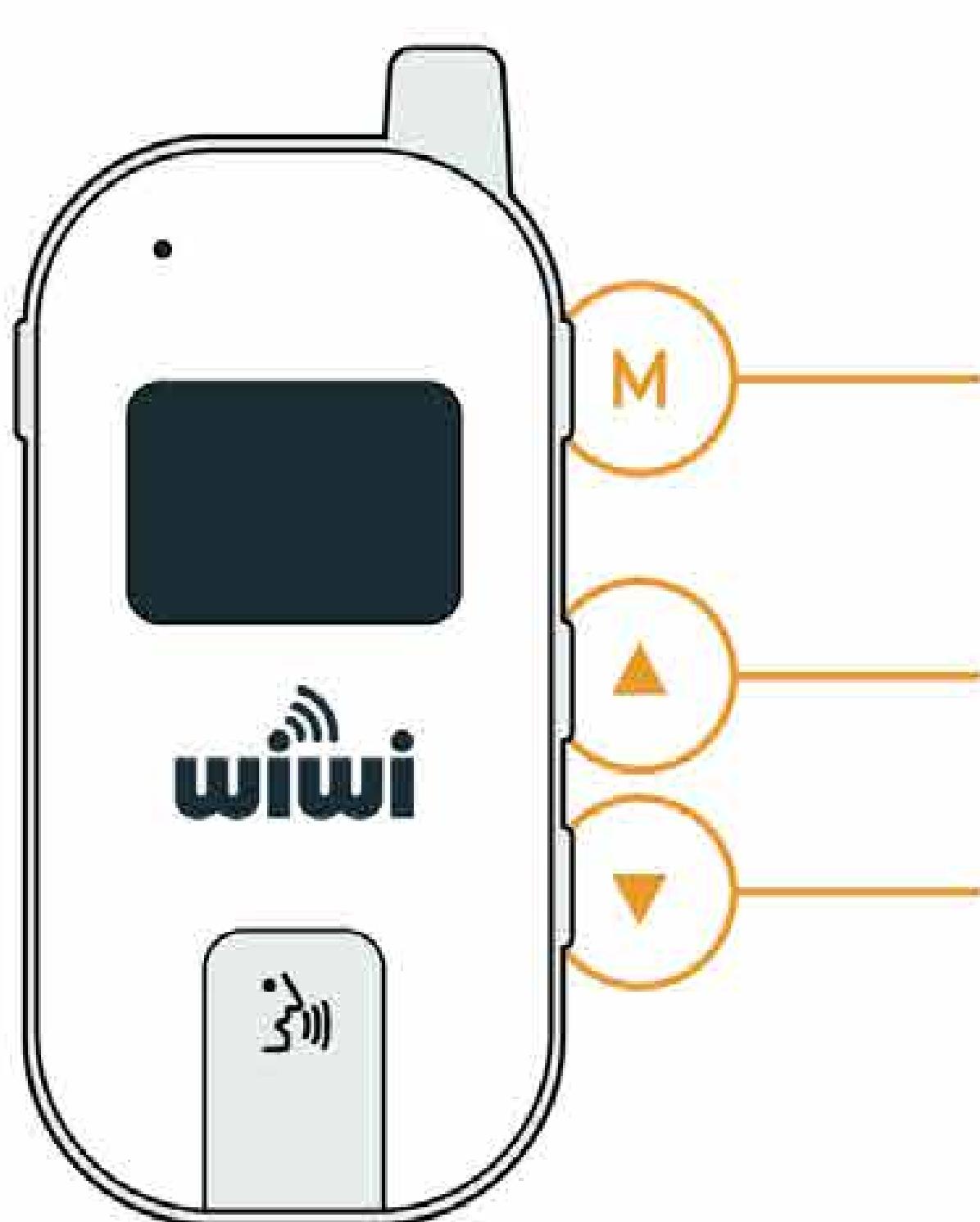
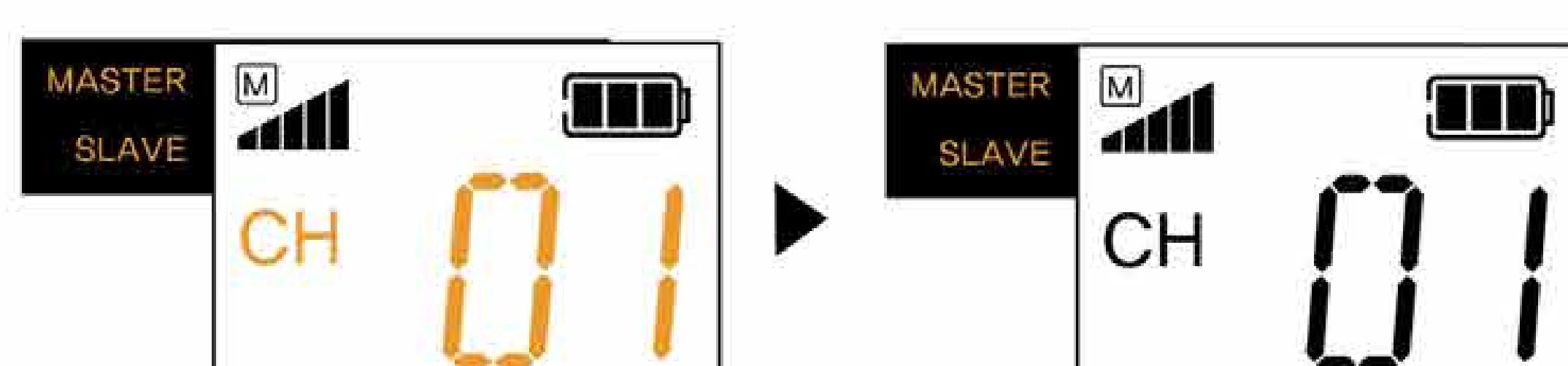
1. Press the ▲(UP)/▼(Down) button, the [VOL] icon is turned on.
2. Change the volume value by pressing ▲/▼ button.
3. If you do not press the button, it will return to the previous screen after 1.5 seconds.

\* Volume can be adjusted in seven steps ranging from 00 to 06



## C. Changing Channels

1. Press the MENU button, the [CH] icon will blink.
2. Change channels by using ▲(UP)/▼(DOWN) button.  
\* Press and hold the ▲/▼button for about 2 seconds, numbers in the tens will be changed.  
ex) 12 → 22, 23 → 13
3. Then press the MENU button again to complete the channel setting.  
\* Channel memory function : When the device is turned off and on again, you can use the last changed channel immediately.



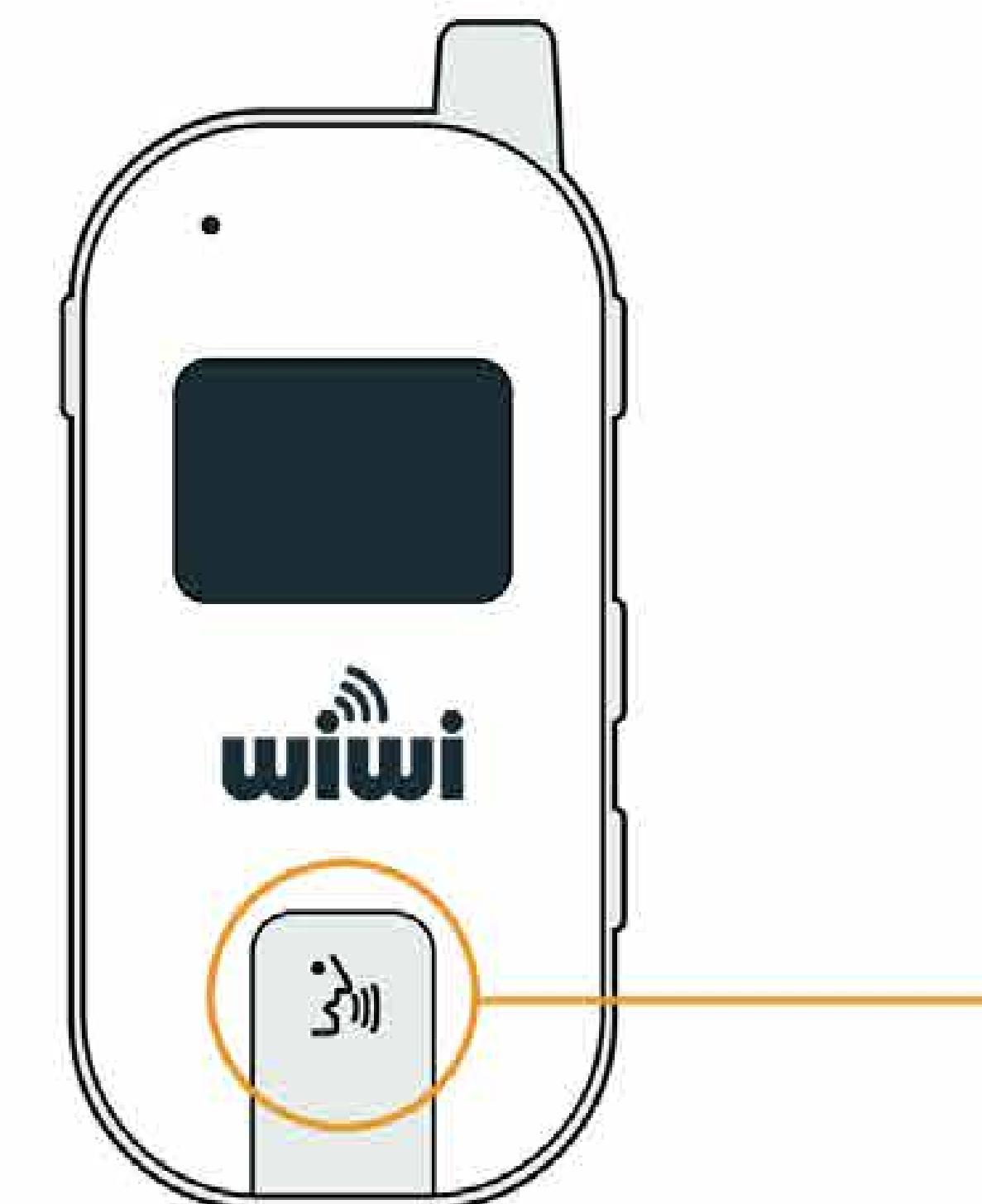
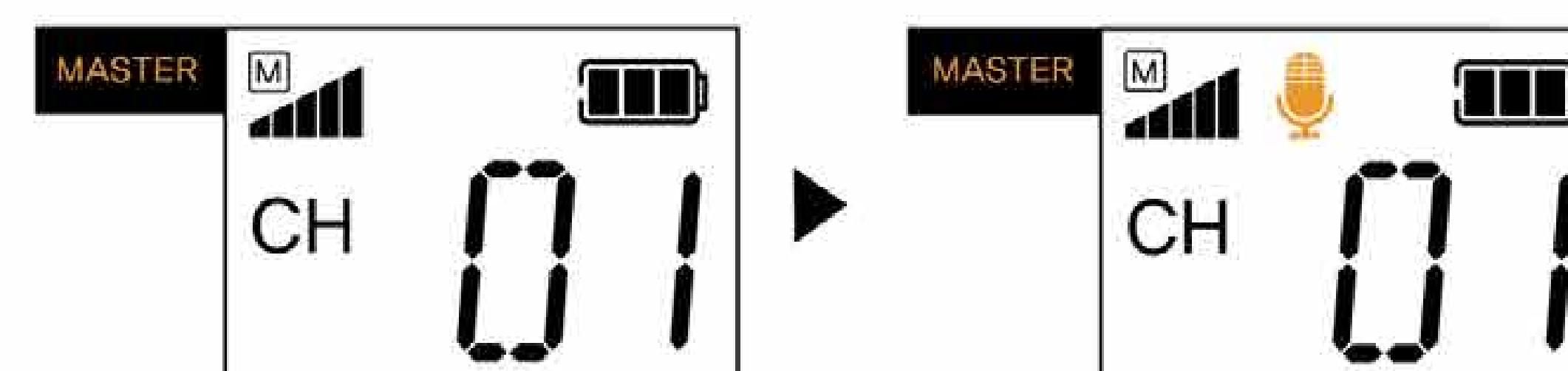
## D. Requesting/Removing the right to speak

### Requesting the right to speak

1. Press the TALK button shortly.
2. The icon, "Right to Speak", is displayed with the "TALK ON" sound, and you can make two-way call.

### Removing the right to speak

1. Press the TALK button shortly.
2. The right to speak is removed with the "TALK OFF" sound, and you can only listen to conversations.

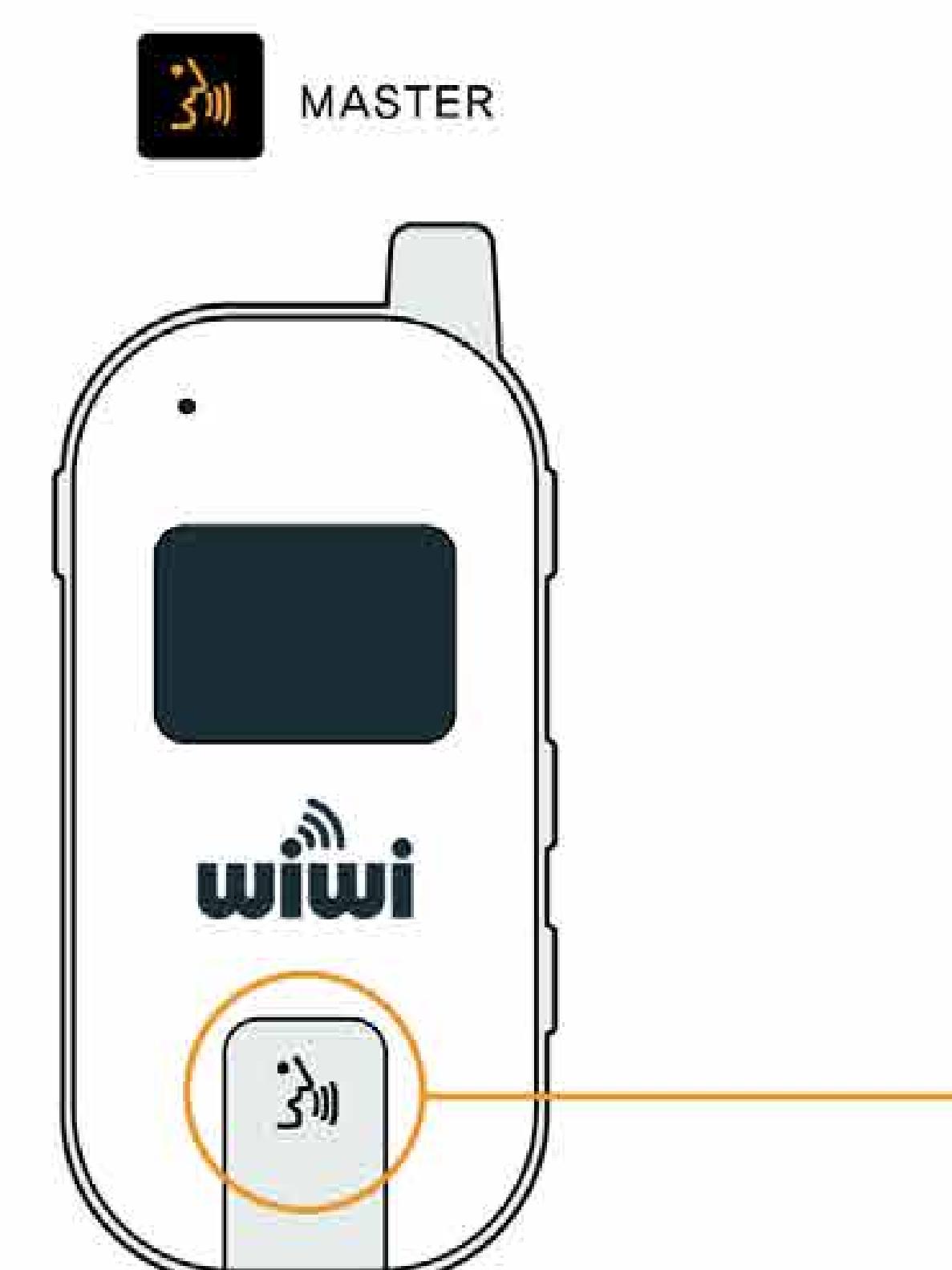
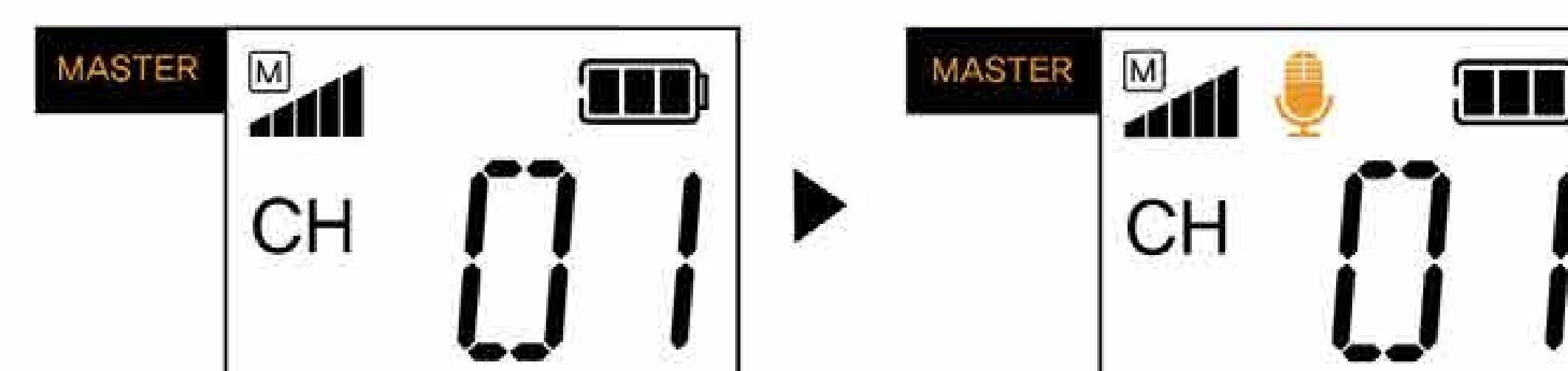


## E. Use the MASTER device to control the SLAVE device

### - Removing the Right to Speak of all SLAVE Devices

1. Press the TALK button on the front of the MASTER device for about 2~3 seconds.
2. The icon "Right to Speak" shown on all SLAVE devices will be removed.

\* Automatically remove the Right to Speak : When the service is out of range, the right to speak is automatically removed.



## F. Use the MASTER device to control the SLAVE device

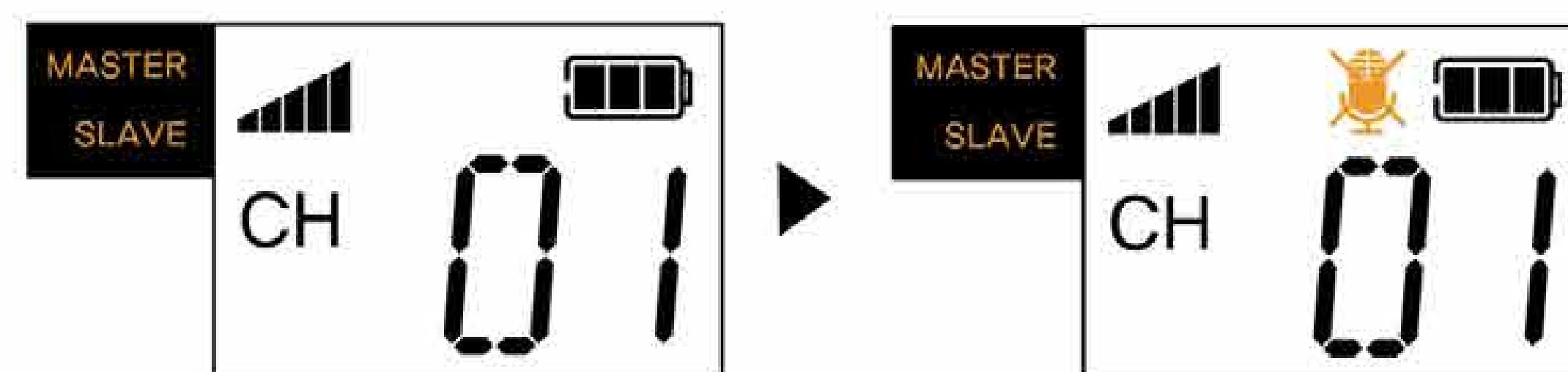
## - Setting the Lock Function of all SLAVE Devices

Set the lock on the SLAVE device

1. Press ▼ button on the MASTER device for about 3~5 seconds.
2. The lock function icon will appear on the SLAVE device along with 'toot-toot' sound.
3. In this case, you cannot make a two-way call even if you press the TALK button.

Unlocking on the SLAVE device

1. Press ▼ button on the MASTER device for about 3~5 seconds.
2. The lock function icon will disappear on the SLAVE device along with the 'toot-toot' sound.



## G. Displaying Charging Status/Battery Level

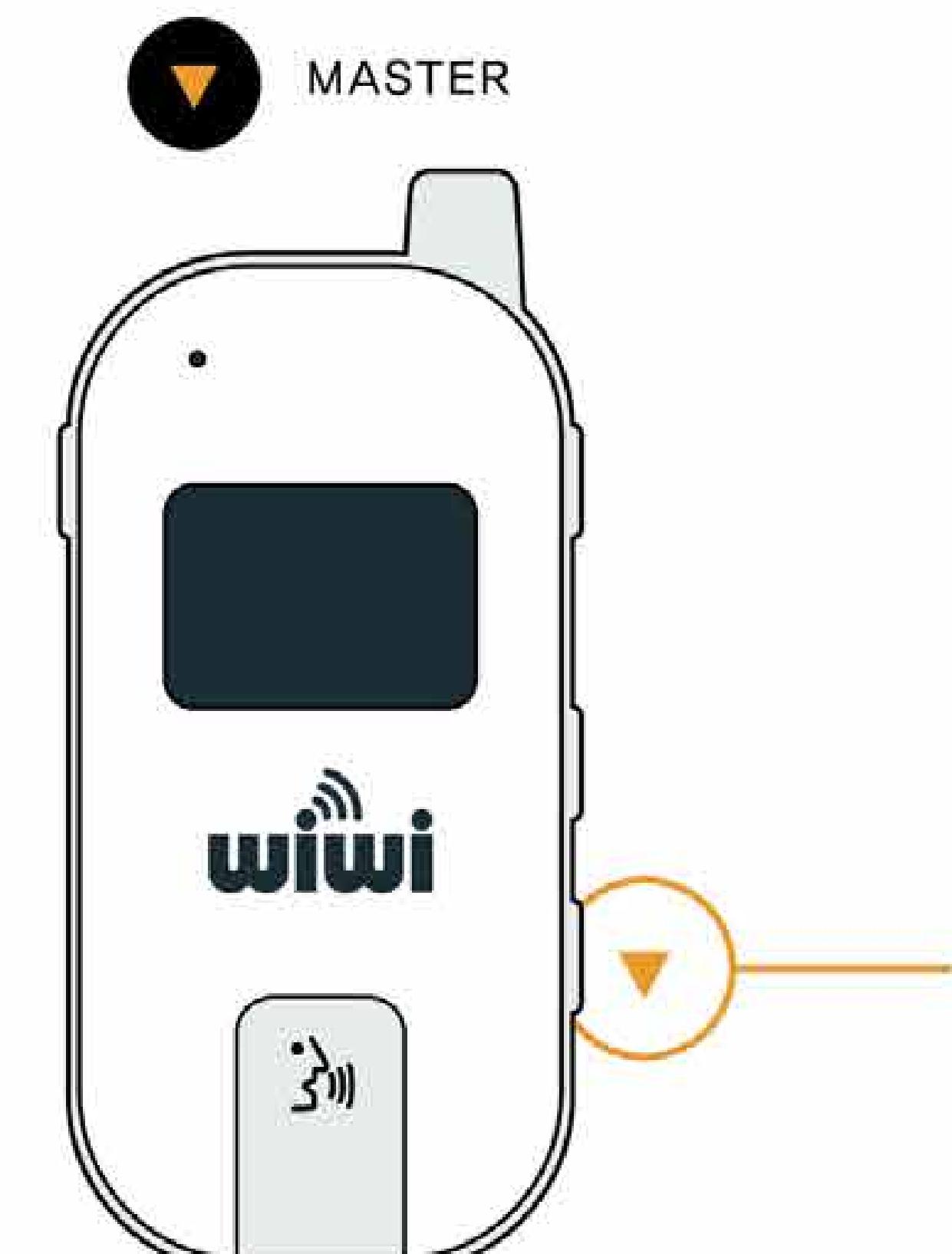
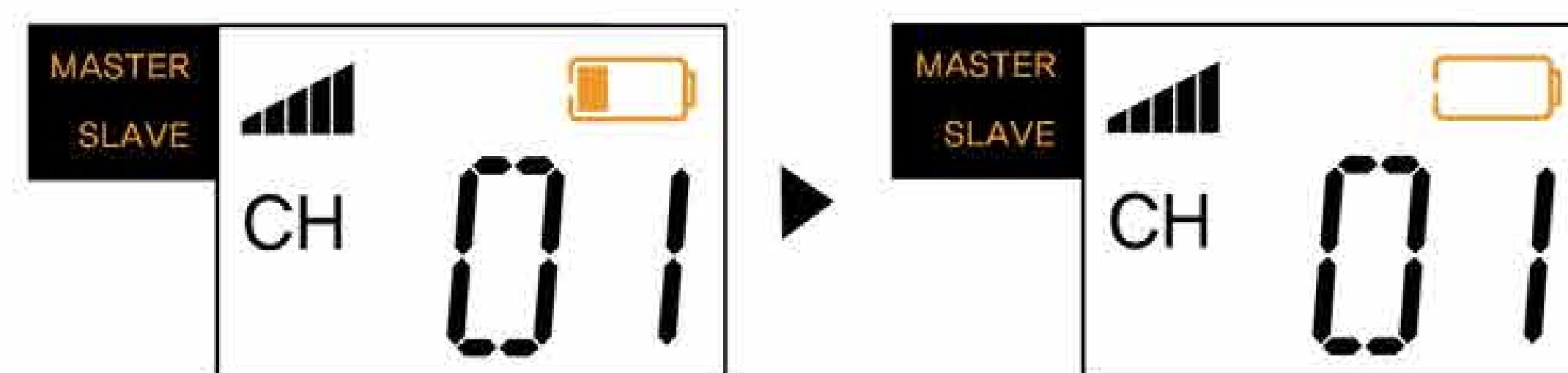


You can charge the device by using a micro USB cable.

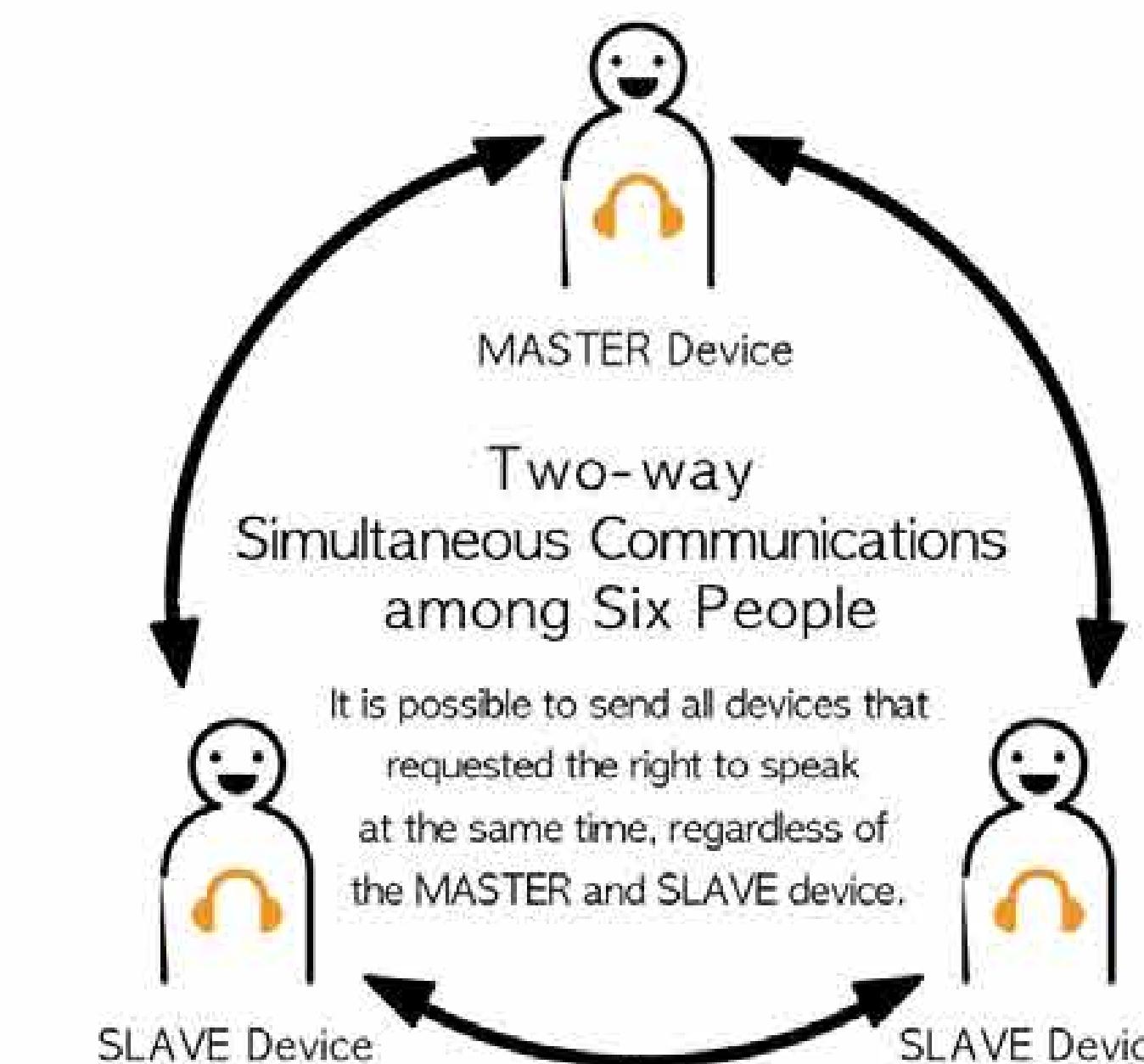
(During charging, the red (●) LED on the top of the device lights up. When charging is completed, the green (●) LED lights up.)

The remaining battery level is displayed on the battery icon.

When the battery is low, the "BATTERY LOW" is sounded (10 times for 5 minutes), and the icon blinks.



## A. Basic Function - When the EARSET is connected to all devices

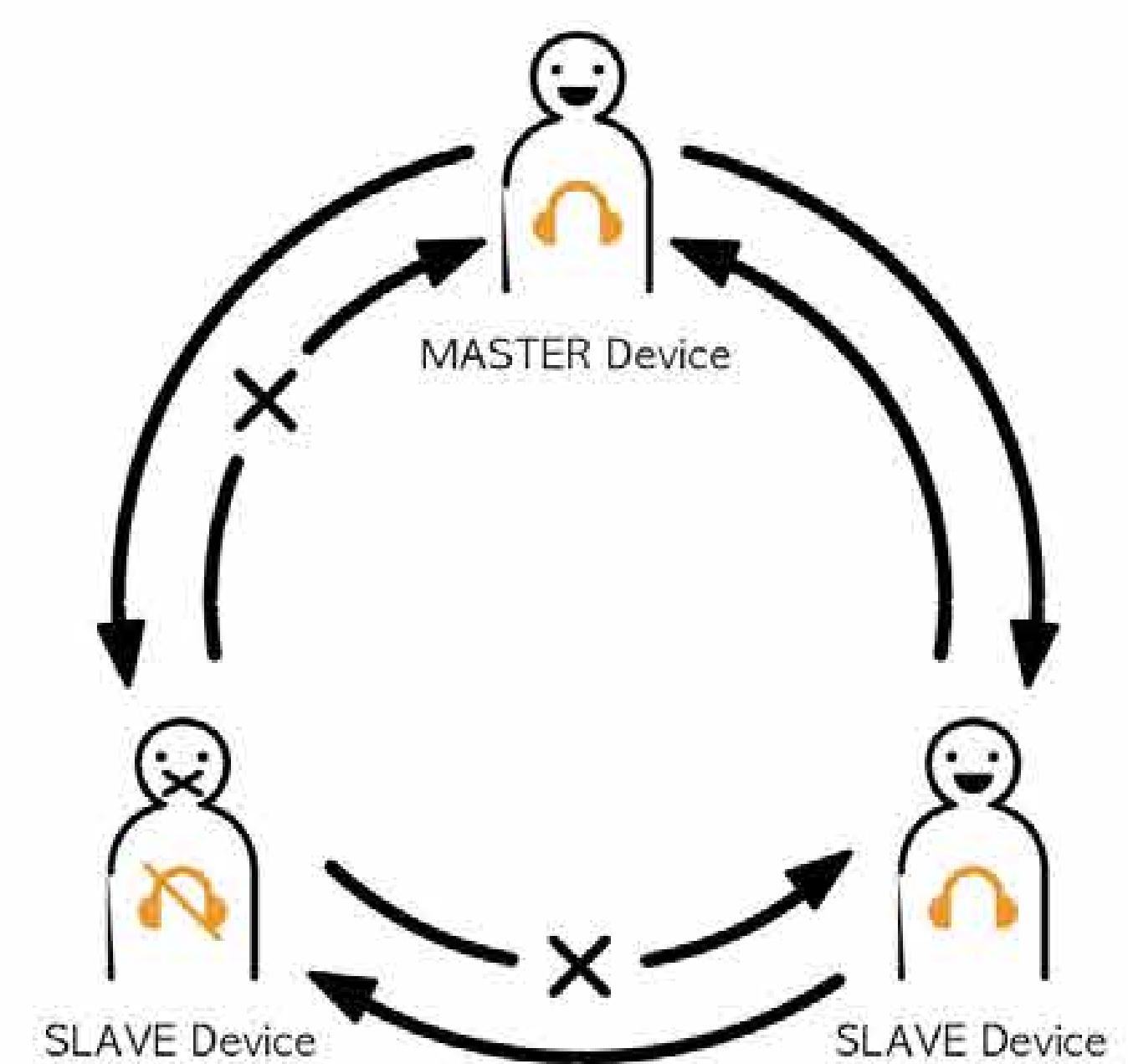


## B. Special Function - Using Built-in Speaker &amp; Microphone

[When the EARSET is connected to the MASTER device]

The MASTER device has the same function of having / cancelling the right to speak as the SLAVE device.

However, if the EARSET is disconnected from the SLAVE device, the receiving function of the SLAVE device is only available without having the right to speak. When the SLAVE device wants to request a conversation, you should plug it back in.



## 10. Troubleshooting

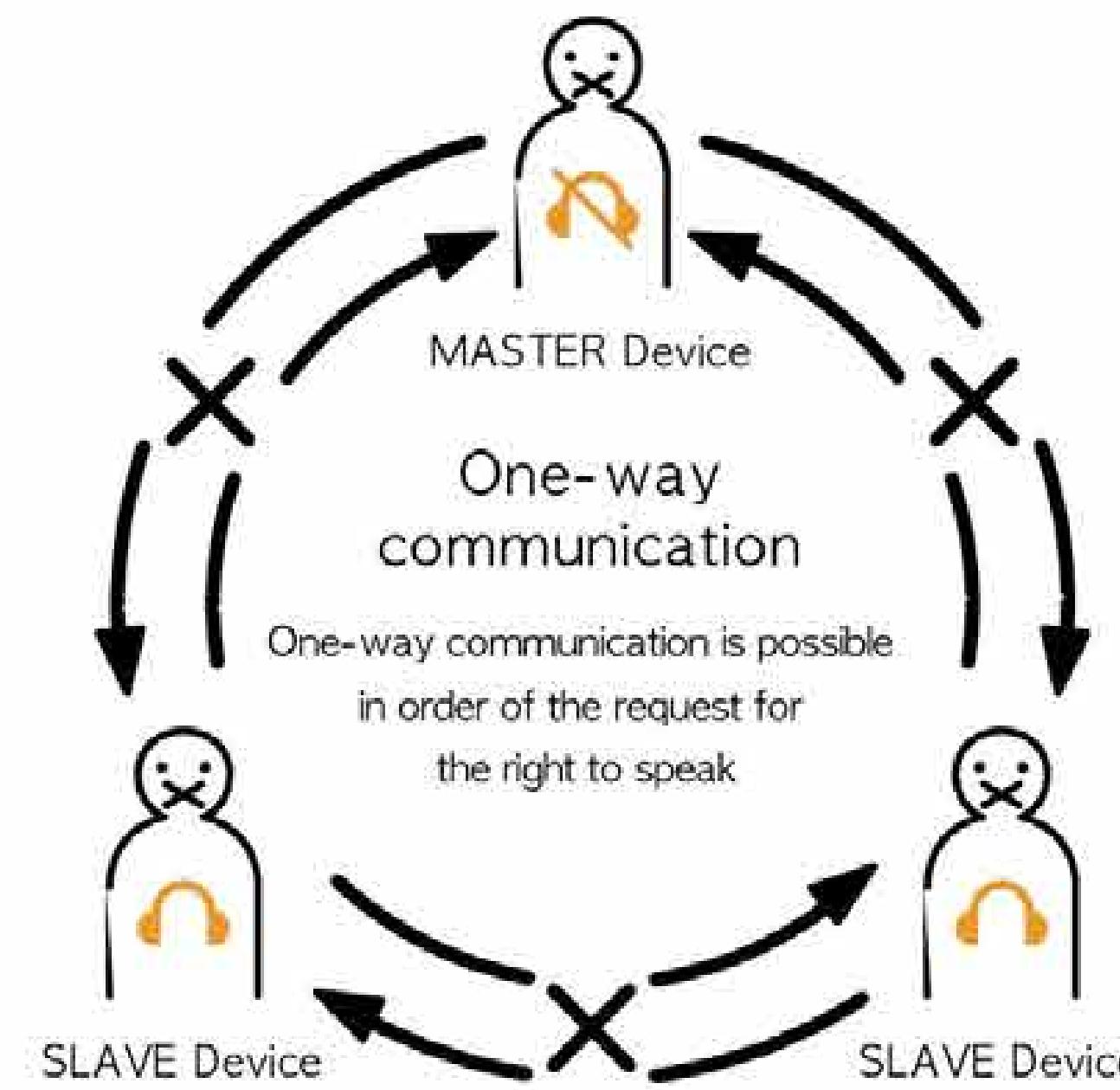
## C. Special Function - Using Built-in Speaker &amp; Microphone

[When the EARSET is disconnected from the MASTER device]

If the EARSET is unplugged from the MASTER device, all devices are automatically converted into the state in which the function of the right to speak is locked.

If you press and hold ▼ button on the MASTER device, the lock function is canceled, and communication can be done by requesting the right to speak regardless of MASTER device and SLAVE device.

When the SLAVE device wants to request a conversation, you should plug it back in.



## Symptoms

Actual hours of battery use are different from that written in the Manual.

## Measures

Hours of battery use slowly decreases after being purchased as consumables.

If you leave the device in a low or high temperature, its service life may shorten.

## The power is off.

Make sure the battery is charged.

If the symptoms remain even after charging, please contact our service center.

## I keep getting cut off while talking over the device.

If the battery power is insufficient, this symptom may occur.

This can happen if the service range among devices is beyond the bounds, or if the wireless connection is lost due to obstacles.

Product Name	SH-350G/M (wiwi)		
Purchased Date	_____. _____. _____. Warranty Period 24 months (Battery 1year)		
Purchaser	Name _____	Tel _____	
	Address _____		
Purchasing Place	_____		

### Quality Assurance Period (Warranty Period)

- 1) Up to 24 months after the date of purchase
- 2) The warranty period is limited only to the following products. For other accessories and consumables, you can exchange and refund them within 2 weeks after a product is received.
  - ① SH-350G/M      ② C-350
- 3) Exceptions
 

Even if it is within the warranty period, you may pay for a fixed repair cost or inevitably replace the product at a cost in the following cases:

  - ① If a failure occurs due to fault or negligence in use
  - ② If a product is disassembled and modified arbitrarily
  - ③ If a product is damaged/breakdown due to external shock
  - ④ If a product is corroded due to flooding or contamination of foreign substances
  - ⑤ If a failure occurs due to a contact with a device not provided by us
  - ⑥ If it is not possible to check product number due to the damage of product number
  - ⑦ If a failure occurs due to natural disasters
  - ⑧ If other users' fault is recognized

### Product Exchange Regulations

- 1) If the product different from the product you purchased is provided
- 2) If the product is damaged during the delivery
- 3) If the fault occurs again after the product is repaired three times due to the same symptom (within warranty period)
- 4) If a failure occurs after the product is repaired four times due to the breakdown in different parts (within guarantee period)
- 5) If the product that you requested to repair is lost

### Refund Regulation

- 1) If the product different from the product you purchased is provided
- 2) If there is a serious problem in normal use condition within 10 days after purchasing the product
- 3) Refund is available only at the place where you purchased the product. Please contact the place you purchased.
- 4) If there is no purchase receipt or product warranty that can verify the purchase of the product, refund will not be possible.

### Precautions

- 1) If it is determined that this product has been significantly reduced in value as a new product, it cannot be returned.
- 2) The responsibility for any problems that occur when not correctly checking the specifications of the product lies with a purchaser.

## **FCC Information to User**

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.

## **Caution**

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**FCC Compliance Information :** 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

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