User Guide

DOMINO S1

(DCD-S1-00NA00)

rollts

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1. Checklist before using the device

1.1 Notice

[Liability for illegal acts]

· Anyone who uses this product for illegal purposes shall be liable and he or she shall be held responsible for all
  and any consequences.

[Important notice]

· This User Guide can be revised without prior notice.

· ROLLTS shall not be liable for any problems that might occur as the User Guide is being used.

· ROLLTS shall not be liable for damage caused by accidents, natural disasters or defects caused by consumer
  failure while in use.

· ROLLTS shall not be liable for any problems that might be caused by a third party as he or she uses
  the ROLLTS DOMINO.

· ROLLTS shall not be liable for any problems caused by consumer carelessness as he or she uses
  the ROLLTS DOMINO.

· Images in the User Guide might differ from the actual product.

· Specifications can be changed to improve performance without prior notice.

1.2 Important safeguards

[Cautions when using]

· Note the following when you use the product.

· Even if your warranty is valid, you bear the cost for fixing a problem if it is found to be caused by you.

|			
	Do not knock or drop the product. Any rough handling can damage the unit.		Do not charge or discharge the product in or nearby an explosive area. Such environments can trigger a short-circuit, which may up cause burns or death in some cases.
	Do not use the charger if the product has been hit or dropped in order to avoid any possible damage or electric shock.		After lowering the volume to the minimum, connect and wear the earset, then adjust the volume. High volume can cause hearing loss or heart attack. Higher volume can place more burden on your ears and thus damage your hearing.
	Do not put anything heavy on the product. This may cause damage.		Check the law about radio usage before driving and using the product.
	Keep the product away from children. It can harm their safety or they may damage the device.		When you are on airplane, follow the safety rules and directions of the flight attendants.
	Do not use anything too sharp, like a pencil or a needle when you push a button. It can damage the product.		Do not try to dismantle or fix the product on your own. For any problem to be fixed, bring the product to a ROLLTS shop or customer service center.
	Do not expose the product to excessive dirt or humidity. It may cause damage or electric shock.		Do not attach unauthorized accessories to the product and then use it. They can damage the product or cause an accident.
	Clean the product on a regular basis to prevent it from being clogged with dirt. If the unit is not cleaned it can damage the performance or cause malfunctions.		Do not tune to any other frequencies other than the allocated ones. It can be punishable by law.
	Do not expose the product to water, alcohol or benzene. They can cause damage or electric shock.		Do not use any other chargers other than the officially authorized one. Otherwise, they can damage the device or cause an accident.
	Do not spray insecticide or flammable liquids on the product. It can cause a malfunction or fire.		Do not use the product for any purpose other than for communication. Otherwise, it can be punishable by law.
	Do not put the product nearby flammables or have it touched by them. They can melt the product and cause an electric shock or fire.		Do not use the product with any medical equipment or other devices nearby. It can cause unwanted effects or unpleasant noises if you use a hearing aid.
	Do not expose the product to direct sunlight, high humidity or extreme hot or cold temperatures (including inside a car in summer). Such environments can damage the product.		Do not use the product near electronics. Electronic waves from the radio can have adverse effects on other devices or cause them to malfunction.
	Do not put the product where an airbag has been located nearby. It can hurt someone when it is deployed.		Communication quality may get worse when you communicate either on the move at a rapid pace or while charging the device.

1.3 Component
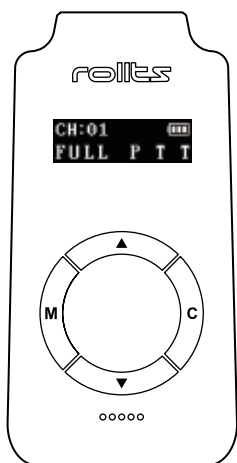
Device
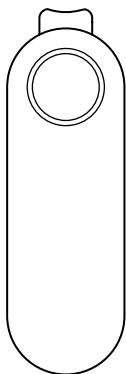
Clip
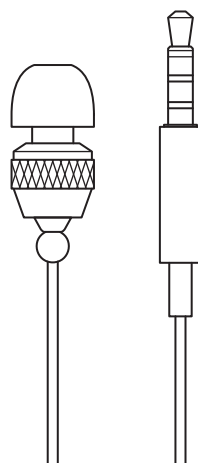
Earset
(Including extra ear caps)
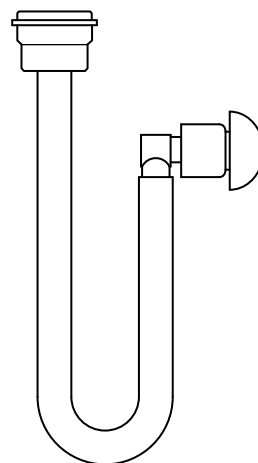
Airtube
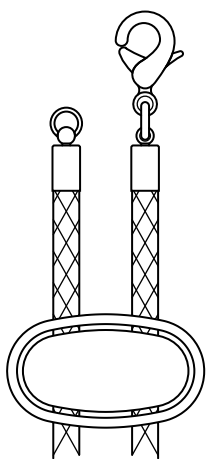
Necklace
(Length adjustable)
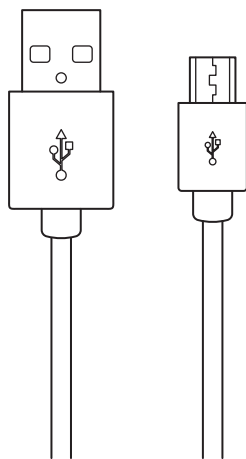
Charging cable

Quick start guide

Quick Start Guide
DOMINO S1
(DCD-S1-00NA00)

1.4 Component names

1.4.1 ROLLTS DOMINO S1

Necklace Hole · PTT Button (front) · LCD · Up Button · Audio Port · MIC · Micro USB Port · PTT Button (side) · M Button · Speaker · C Button · Down Button · LED · Power Switch · Clip

1.4.2 Earset

[front] PTT Button

[back] MIC

1.4.3 LCD

Channel · Battery · Talk Mode · PTT / VOX

CH:01   FULL   VOXon
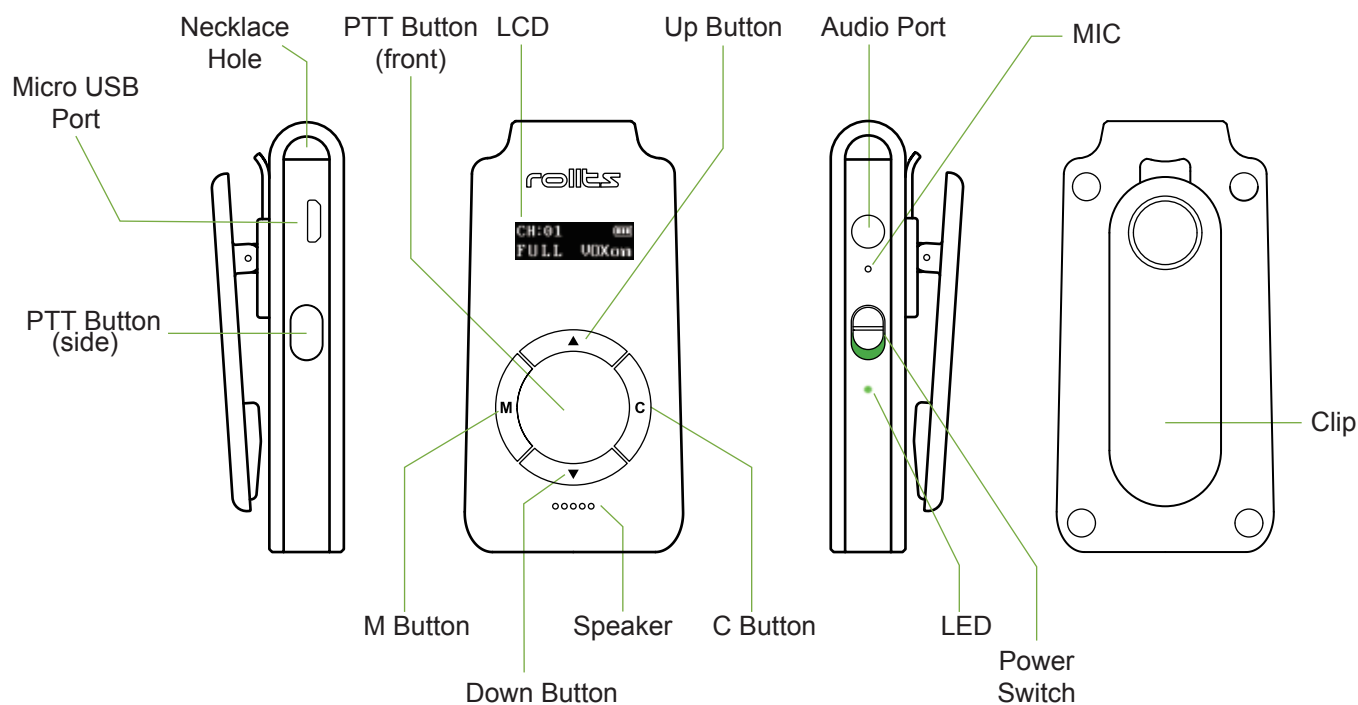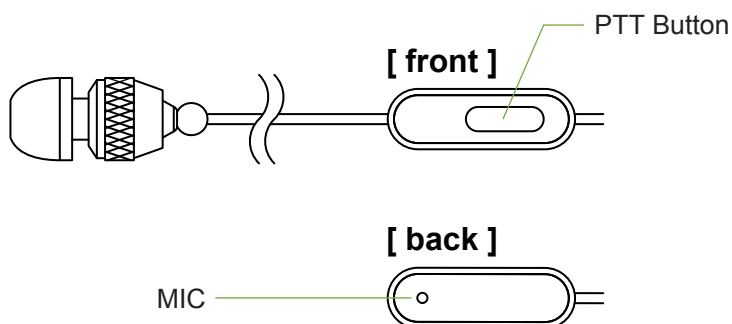
1.5 Charge

・Charge the device before use.

・Connect the charger to the micro USB port.

・Only use the officially authorized charger.

・The device begins to charge and you can check it by looking at the LED or LCD.
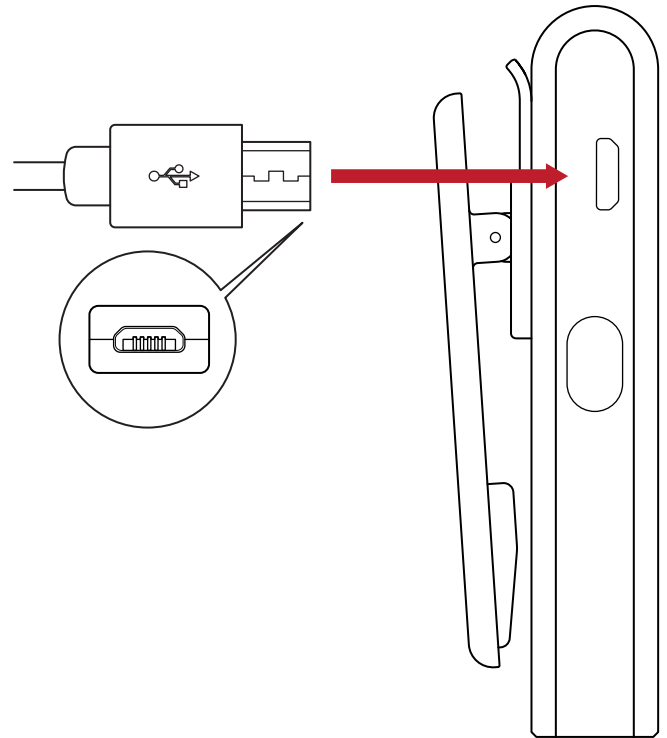
Type	LED	LCD
When charging is in progress,	Red	Each one of three white cells pops up over time.
When charging is complete	Green	Full with three white cells.

Icon means 'in progress' (a cell at a time)

Red means 'in progress'

Icon means 'complete'

Green means 'complete'
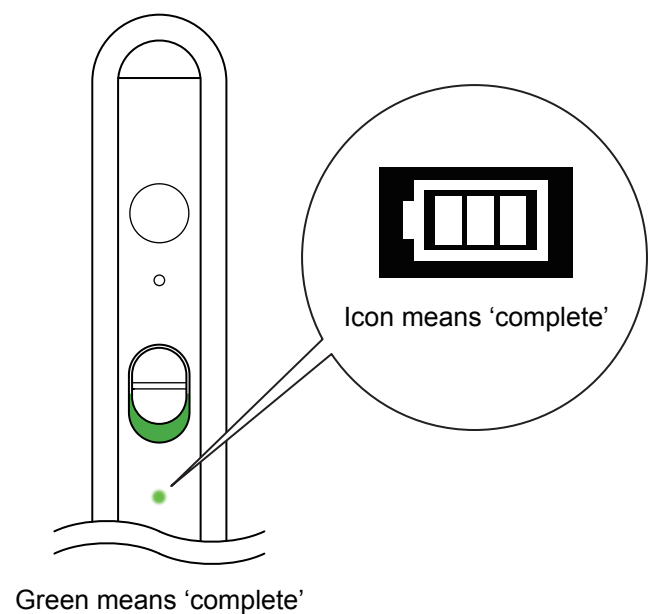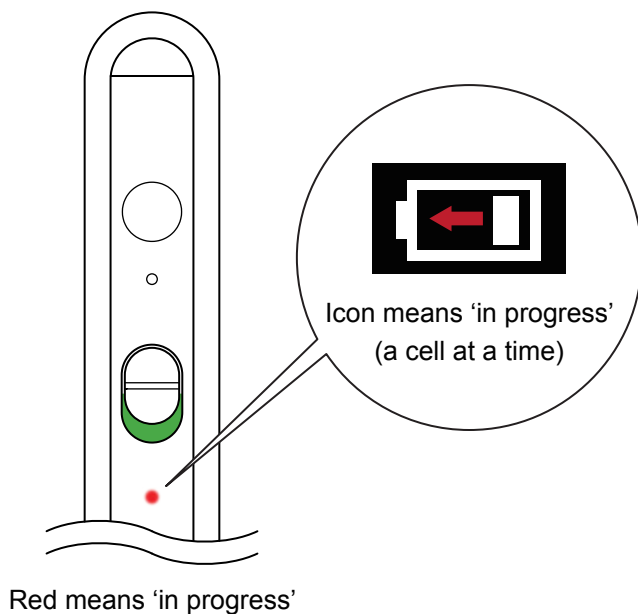
1.6 Checking the battery life
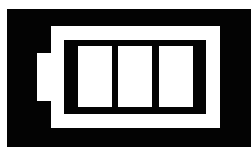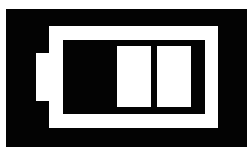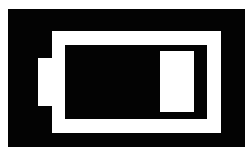
| full | middle | low |

If remaining battery power is very low, the warning icon flashes with a beep and 'transmit' & 'receive' is not available.

Charge the device immediately if the warning icon starts to flash with a beep.

The battery is consumable, so it is possible for it to diminish over time.

If it is kept in too low or too high temperatures, its life span can be shortened dramatically.

2. Use

2.1 Turn on / off

2.1.1 Turn on
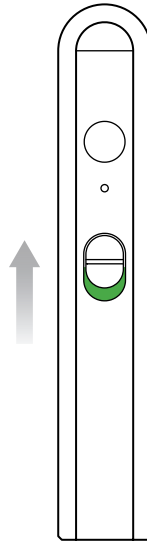
The power switch is on

① As shown in the figure above, you can push the switch to turn the power on as the arrow indicates.

② Once the power is on, the LED and LCD will turn on.
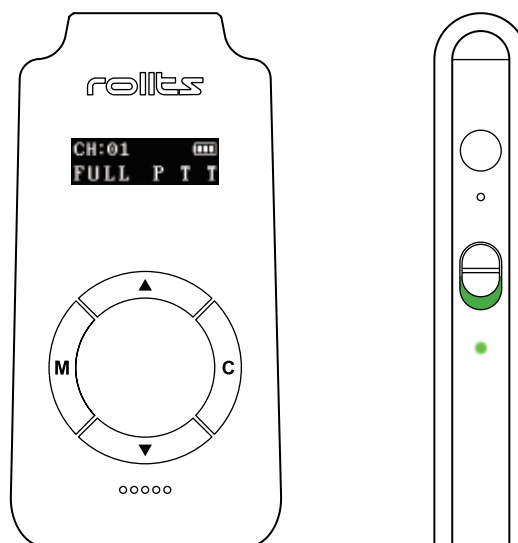
2.1.2 Turn off
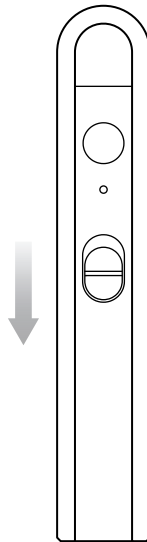
The power switch is off

① As shown in the figure above, you can push the switch to turn the power off as the arrow indicates.

2.2 Volume up / down (10 levels)

The volume of the earset
(When connect the earset)

The volume of the speaker
(When disconnect the earset)

The lowest volume

The highest volume

2.2.1 UP

① The volume goes up by one notch as you push the ‘UP’ button one time.

② The longer you keep pushing the ‘UP’ button, the faster the volume goes up.

2.2.2 DOWN

① The volume goes down by one notch as you push the ‘DOWN’ button one time.

② The longer you keep pushing the ‘DOWN’ button, the faster the volume goes down.

2.3 Button lock

The button lock feature disables all of the buttons, except for the power switch, in order to prevent any malfunctioning of the device and any other inconveniences that may be caused by unintentionally pressing the buttons.

2.3.1 Enable Button Lock

Push the ⌃ 'UP' button and the ⌄ 'DOWN' button simultaneously for more than 2 seconds.

The following icon appears on the screen, a beep is generated, and the button lock is enabled.

If you push a button when the button lock is enabled, a beep is generated, the button lock icon appears on the screen, and the button will not operate.

2.3.2 Disable Button Lock

While the button lock feature is enabled, push the ⌃ 'UP' button and the ⌄ 'DOWN' button simultaneously for more than 2 seconds.

When the button lock feature is disabled, you can use all of the buttons.

2.4 Earset connection

2.4.1 Selecting an ear cap
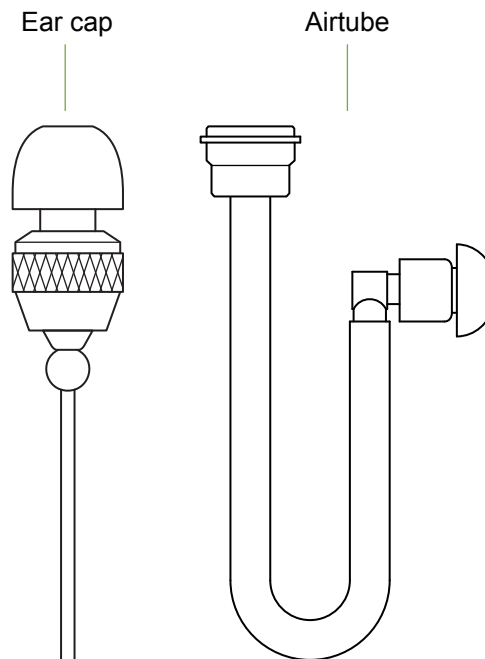
Ear cap   Airtube

The earset is a component of the device and the ear cap is put on the earset. As shown in the figure below, the airtube can be used if necessary.
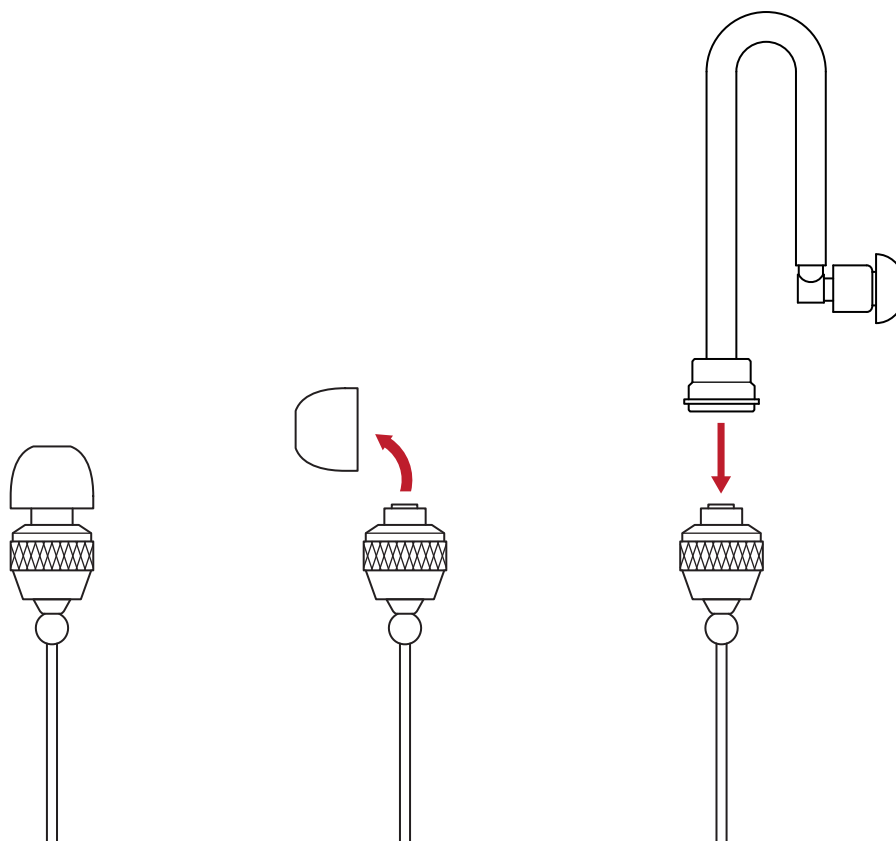
2.4.2 Airtube length adjustment

Airtube length is adjustable as shown in the figure below.
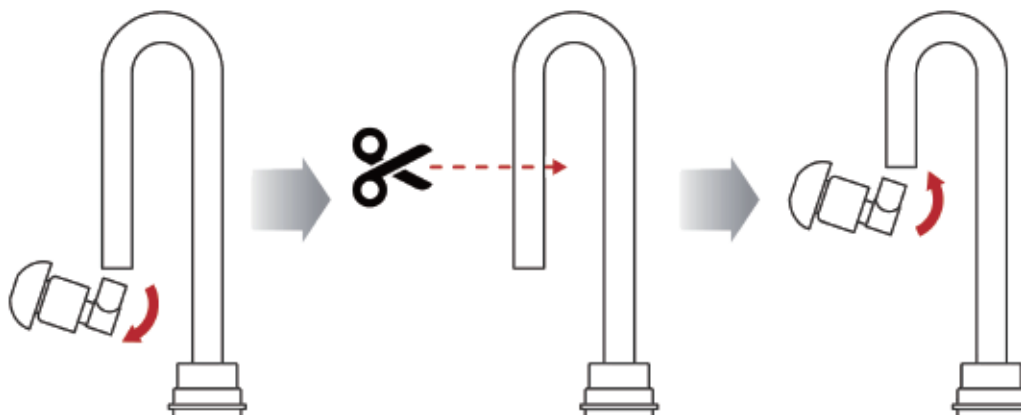
Detach the ear buds by pulling from the tube as the arrow indicates.

After, check the appropriate position for the user, then cut the tube with scissors until desired length is achieved.

Insert the ear buds back into the part of the tube as the arrow indicates.

2.4.3 Connecting to the device
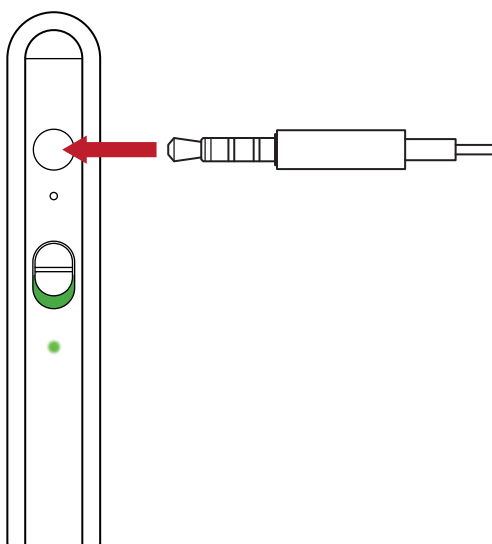
Connect the earset to the Audio port in the device.

> ! If you do not insert the plug of the earset all the way in the device, it causes malfunctions.

2.5 Using the speaker system
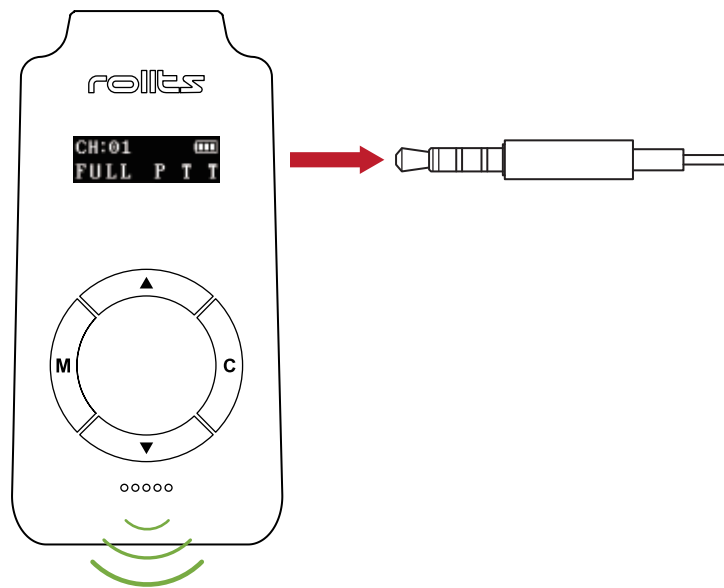
Removing the earset from the device makes the speaker produce sound.

When the speaker is in use, the microphone and speaker do not work at the same time.
In other words, the speaker does not produce sound while a voice message is being sent.
When a voice message is received through the speaker and transmission starts,
voice messages cannot be sent.
On the mode for activating speaker and mic at the same time,
when you disconnect the earset and use speaker, the LCD will show an image that alerts
the user to connect the earset. In this case, please try to use earset, if possible.

2.6 Select how to wear device

2.6.1 Clip

· How to put the clip onto the device

Fit the clip into the fixing holder on the device and then push the clip upwards until you hear a 'click' as the arrow indicates.
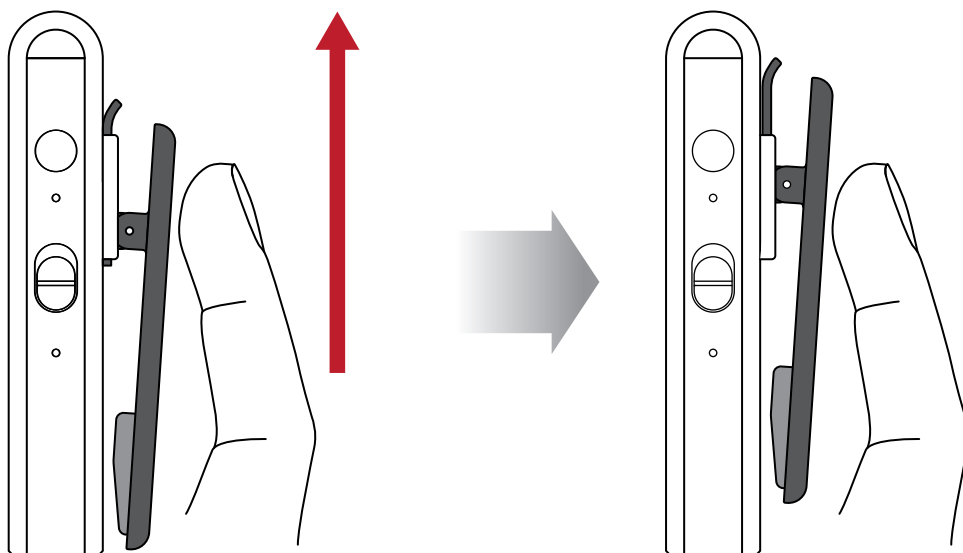
· How to detach it

Pull it as the arrow indicates below by lifting up the upper clip at the fixing holder in the device.
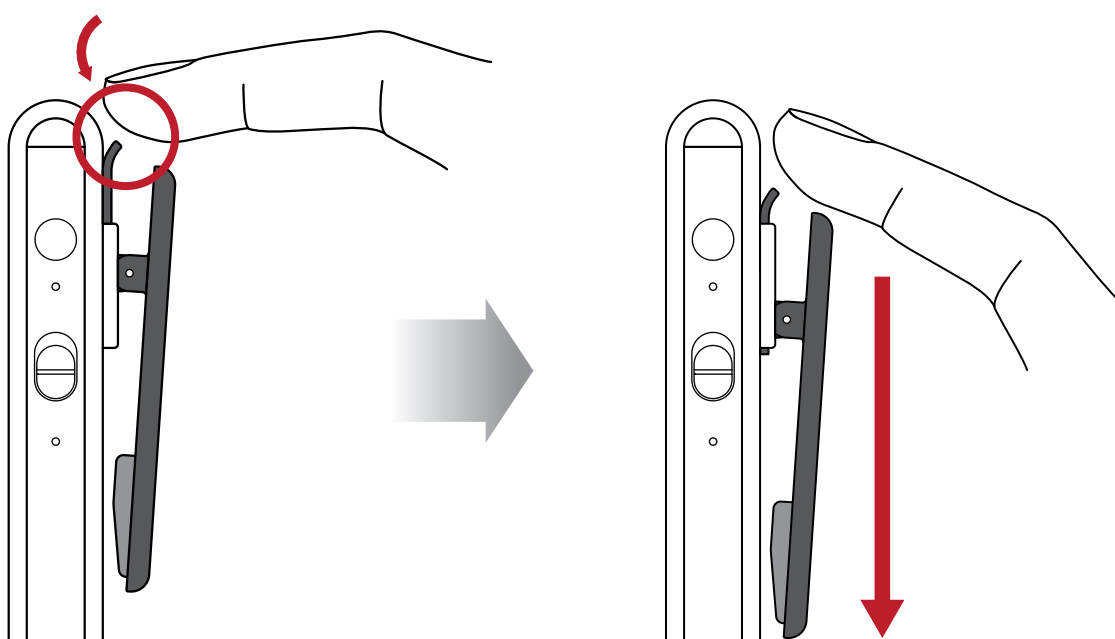
2.6.2 Necklace

・How to hook it onto the device

Hook the necklace into the necklace hole in the device.
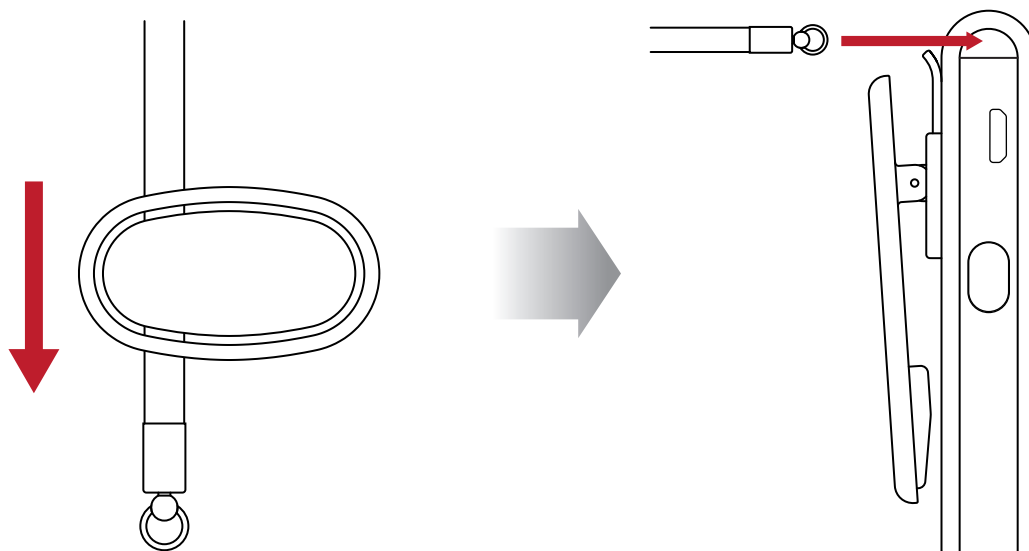
・How to adjust the length

The length is adjustable as shown in the figure below.
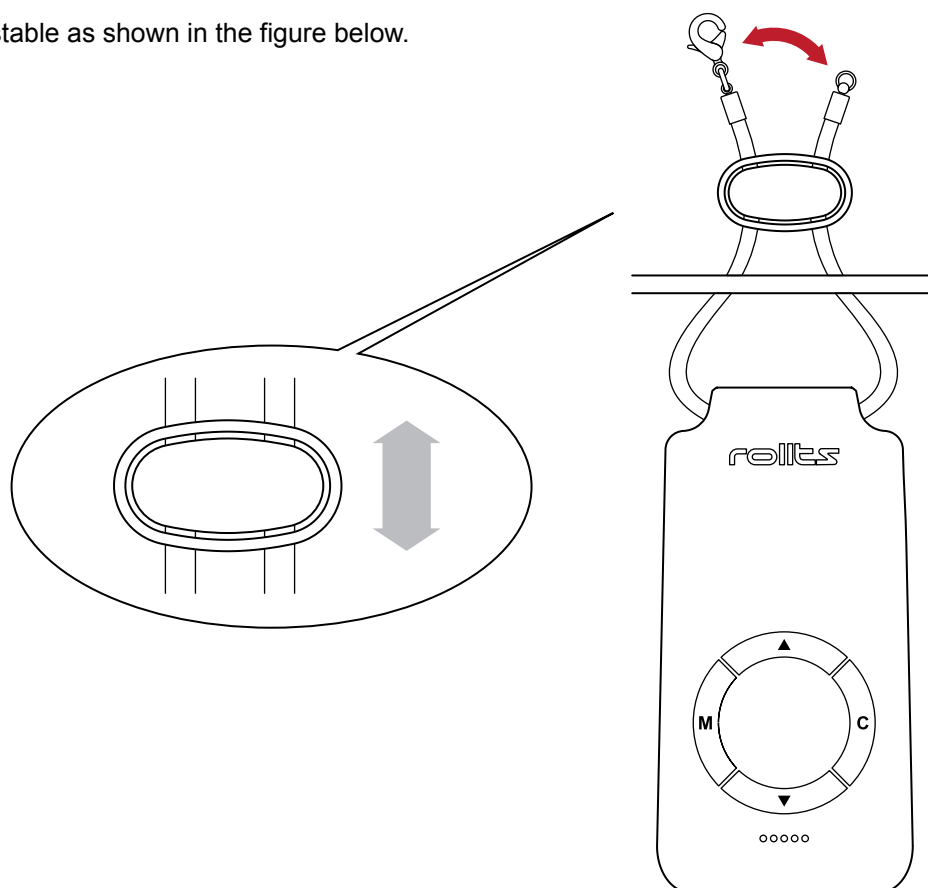
2.7 Communication
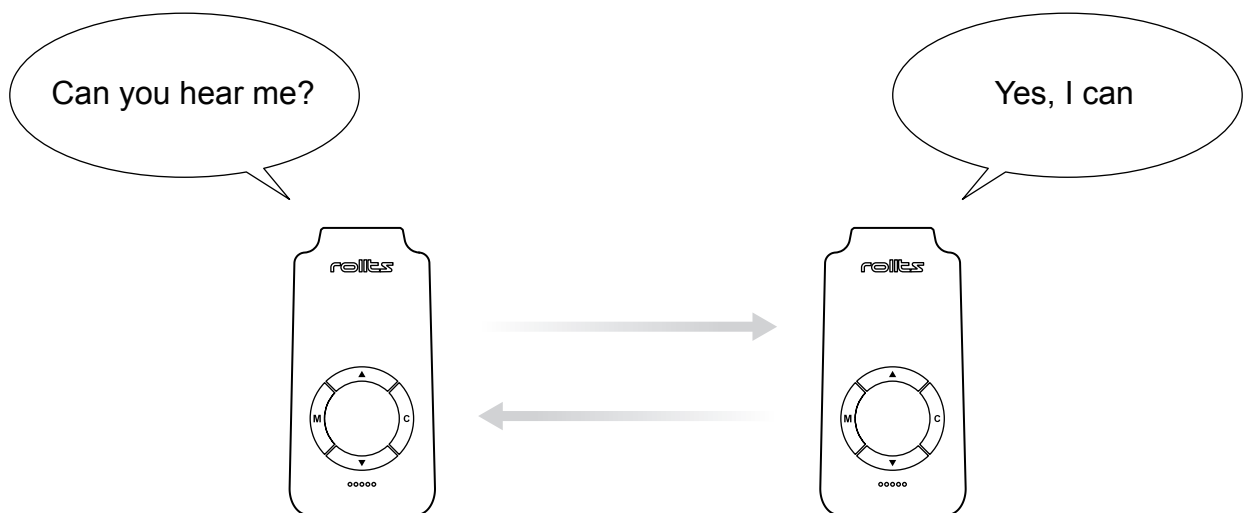
・Transmit & receive

① 'Transmit' means to send your voice through the ROLLTS DOMINO by pushing a button as configured or by recognizing your voice.

② 'Receive' means to have the ROLLTS DOMINO receive someone's voice that was sent from another device.

・To communicate (default setup)

① Talk to the device while pushing the 'PTT' button to send your voice to a person on the other device. Stop pushing the button when you stop talking.

② The earset or the speaker enable you to hear what the other person says if there is a response.

As above, the ROLLTS DOMINO can make it possible to transmit and receive voice communication or to do those two at the same time.

> For more details about how to communicate, refer to '4. Menu setups in detail'.

2.8 Vibration call

By sending call signal to the other party to make the call sound and the vibration ring, user can express intention to communicate.

2.8.1 Sending call signal

Sending call signal by pushing the ⟩c⟩ 'C' button for more than 2 seconds.

After call sound and vibration ring, call signal is sent.

2.8.2 Receiving call signal

An alarm and vibration ring occurs on the ROLLTS DOMINO receiving the call signal.

3. Checklist for setting up the menu

3.1 Notice

· Follow the directions below to set up the menu.

3.1.1 Enter the menu

Enter the menu by pushing the M 'M' button for more than 2 seconds.

3.1.2 Move to a menu item

In the menu, move to an item from another item by pushing the $\big($ M $\big)$ 'M' or $\big($ c $\big)$ 'C' buttons.

3.1.3 Select an item

An item in the menu can be selected by pushing the PTT button (front).

3.1.4 Adjust and Move to a value

Adjust it by pushing the ▲ 'UP' or ▼ 'DOWN' buttons.

Move to a value from another value by pushing the $\big($ M $\big)$ 'M' or $\big($ c $\big)$ 'C' buttons.

3.1.5 Complete

When the set value blinks, user presses the PTT button (front) the blinking stops and the setting is complete.

3.1.6 Leave the menu

Push the $\big($ M $\big)$ 'M' button for more than 2 seconds to leave it.

You will automatically leave the menu if you stay there for more than 10 seconds.
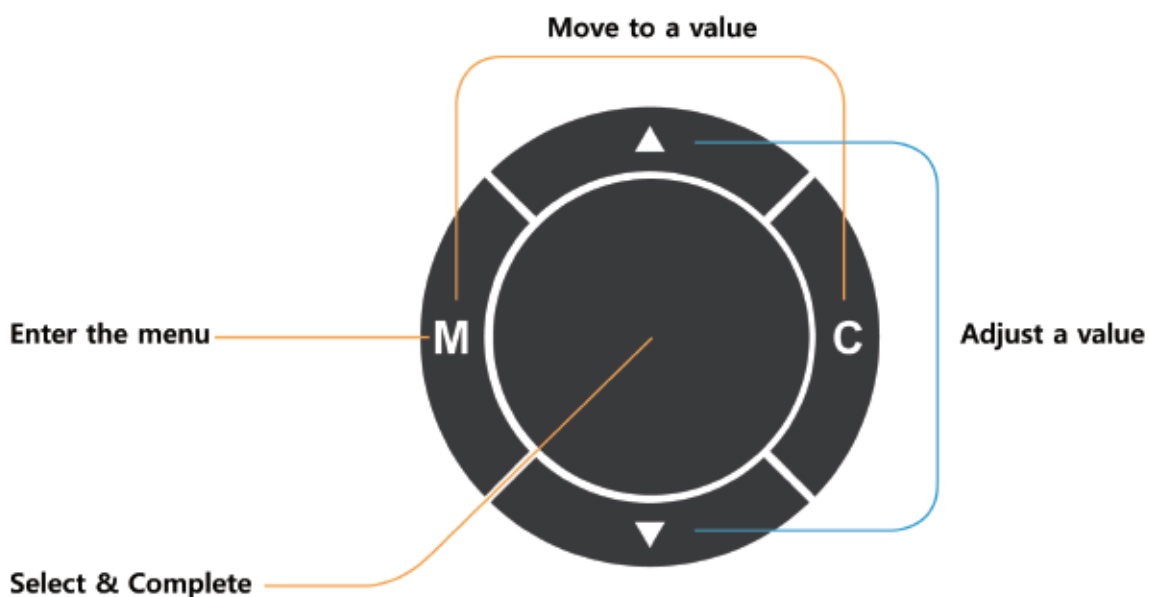
3.2 Menu items

· The menu has 13 different items as listed below.

No.	Item
1	TALK MODE
2	CHANNEL
3	GROUP
4	ENCRYPTION
5	PTT / VOX
6	VOX LEVEL
7	EMERGENCY
8	SIDE TONE
9	MIC GAIN
10	ROGER BEEP
11	RF POWER
12	DEFAULT SET
13	VERSION

The following information describes each item's purpose and how to set it up.

4. Menu setup in detail

4.1 TALK MODE

4.1.1 What is 'TALK MODE'?

Every kind of communication is viable between devices whose 'TALK MODE' and 'CHANNEL' match each other. There are six features in 'TALK MODE': half-duplex, full-duplex, tri full-duplex, hi-fi half, hi-fi full and repeater user. The following information describes the different features of each of the six.

('Full-duplex' is set as the default.)

・Half-duplex
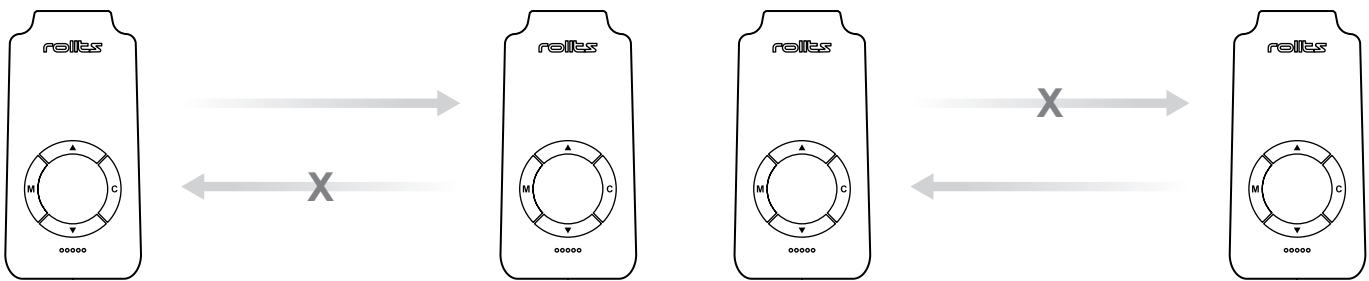
How to communicate	Communication range
Not available for simultaneous 'transmit' & 'receive' functions. **Talking and listening available by taking turns.** **It works in the same way as other typical radios.** **Only one device in the group is allowed to talk.**	**Able to cover the longest range of communication.**

・Full-duplex
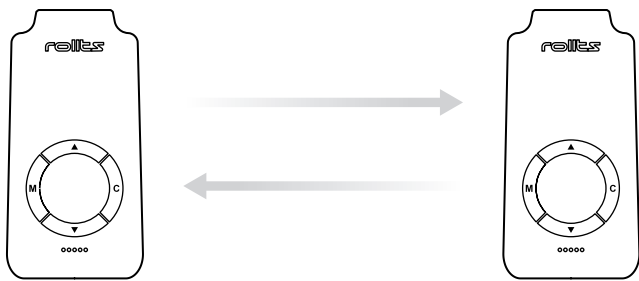
How to communicate	Communication range
Available for simultaneous 'transmit' & 'receive' functions. **Able to listen while talking.** **Two devices in the group are allowed to talk at the same time.**	**Able to cover mid-range communication distance.**

・Tri full-duplex
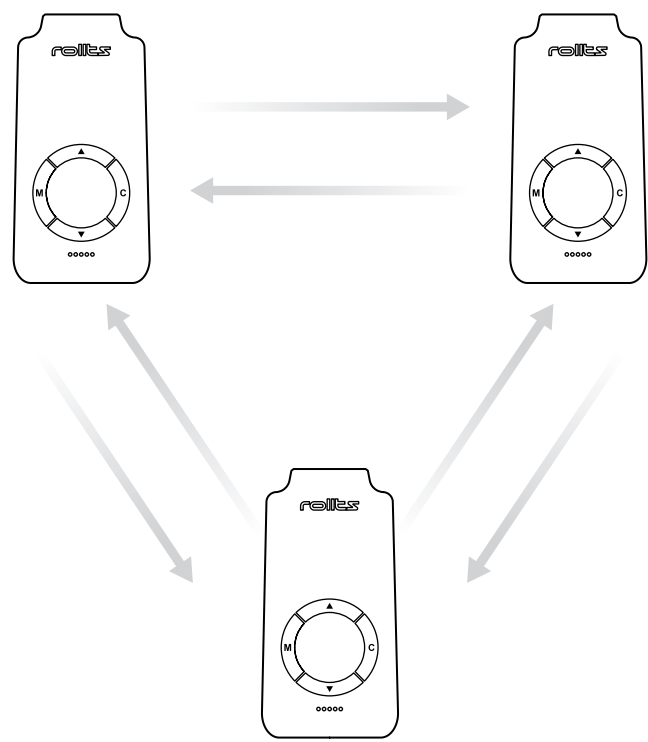
How to communicate	Communication range
Available for three-way simultaneous 'transmit' & 'receive' functions. Three devices in the group are allowed to talk at the same time.	Able to cover the shortest range of communication.

Hi-fi half and hi-fi full are high-quality voice modes that are best used for short-range communications.

・Hi-fi half

Using the same communication method as the half-duplex mode, this mode allows for high-quality voice communications.
This mode is best used for short-range communications as its communication range is relatively short.

・Hi-fi full

Using the same communication method as the full-duplex mode, this mode allows for high-quality voice communications.
This mode is best used for short-range communications as its communication range is relatively short.

・Repeater user

It is a function that can improve communications status by using ROLLTS DOMINO Repeater (Optional) in inners spaces with bad connection.
In places with bad connection, install ROLLTS DOMINO Repeater, ROLLTS DOMINO to communicate with the ROLLTS DOMINO Repeater must be set to 'repeater user'.

REPEATER USER   **REPEATER**   **REPEATER USER**
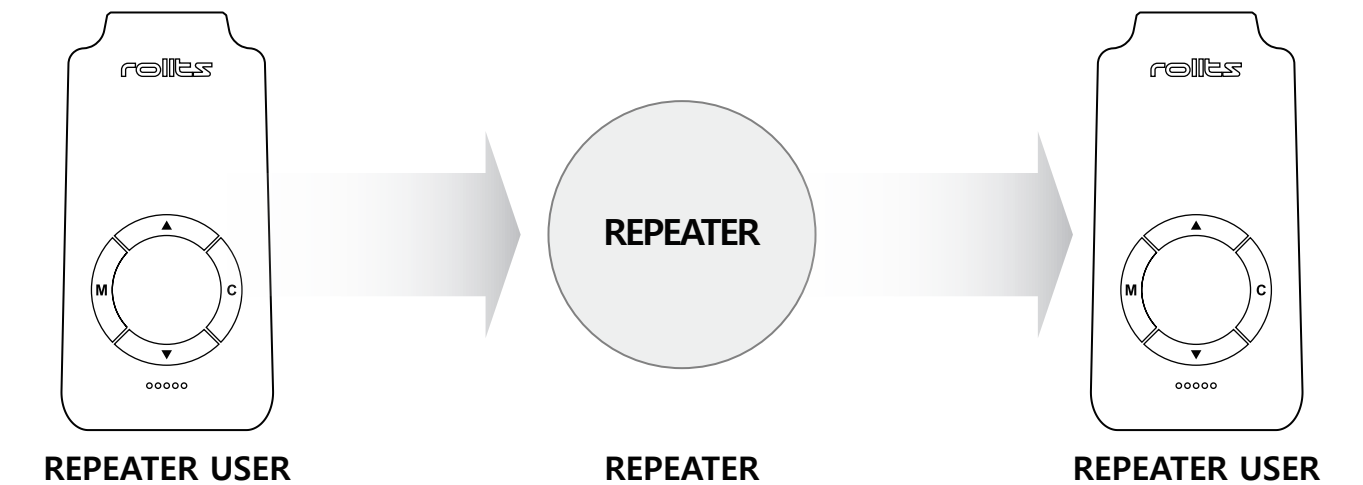
How to communicate	Communication range
Using the same communication method as the half-duplex mode. It works in the same way as other typical radios. Only one device in the group is allowed to talk.	Communication distance may be extended.

4.1.2 'TALK MODE' setup

· Enter the menu by pushing the   M   'M' button for more than 2 seconds.

· Move to '01. TALK MODE' by using M 'M' or C 'C' buttons and then select by pressing PTT button (front).

```
◀ 01.TALK MODE ▶
   full-duplex
```

· If the value flashes, adjust it by using the ▲ 'UP' or ▼ 'DOWN' buttons.

```
◀ 01.TALK MODE ▶      ◀ 01.TALK MODE ▶      ◀ 01.TALK MODE ▶
   half-duplex           full-duplex          tri full-duplex
```

```
◀ 01.TALK MODE ▶      ◀ 01.TALK MODE ▶      ◀ 01.TALK MODE ▶
   hi-fi half            hi-fi full           repeater user
```

· Once you are done with changing the 'TALK MODE', complete by presses the PTT button (front) and move

to another menu item by using the M 'M' or C 'C' buttons or go back to the main screen by pushing

the M 'M' button for more than 2 seconds.

4.2 CHANNEL

4.2.1 What is a 'CHANNEL'?

Every kind of communication is viable between devices with a 'TALK MODE' and 'CHANNEL' that match each other.
Change the 'CHANNEL' to ensure that you talk with only your intended people.
Just change the 'CHANNEL' if there is too much noise or you get the line crossed with another group.
The 'CHANNEL' function has 50 channels that range from 01 to 50.

('01' is set as the default.)

4.2.2 'CHANNEL' setup

· Enter the menu by pushing the ⟨M⟩ 'M' button for more than 2 seconds.

· Move to '02. CHANNEL' by using ⟨M⟩ 'M' or ⟨C⟩ 'C' buttons and then select by pressing PTT button (front).

```
◄ 02.CHANNEL ►
       0 1
```

· If the first number flashes, adjust it by using the ▲ 'UP' or ▼ 'DOWN' buttons.

· When the number flashes Move to the next number by using the ⟨M⟩ 'M' or ⟨C⟩ 'C' buttons.

· Once you are done with changing the 'CHANNEL', complete by presses the PTT button (front) and move

to another menu item by using the ⟨M⟩ 'M' or ⟨C⟩ 'C' buttons or go back to the main screen by pushing

the ⟨M⟩ 'M' button for more than 2 seconds.

4.3 GROUP

4.3.1 What is a 'GROUP'?

If the line is mixed up or the 'CHANNEL' is already taken by other people, set the 'GROUP'.
By doing so, communication becomes viable between devices whose 'GROUP' matches each other.
The 'GROUP' function has 1,000 groups that range from 000 to 999.

('000' is set as the default.)

'000' as the default means to not use the 'GROUP' function.
Tune the 'GROUP' to '000' to not have 'GROUP' communication.

4.3.2 'GROUP' setup

· Enter the menu by pushing the M 'M' button for more than 2 seconds.

· Move to '03. GROUP' by using M 'M' or c 'C' buttons and then select by pressing PTT button (front).

```
◄  03.GROUP  ►
      000
```

· If the first number flashes, adjust it by using the ▲ 'UP' or ▼ 'DOWN' buttons.

· When the number flashes Move to another number by using the M 'M' or c 'C' buttons.

· Once you are done with changing the 'GROUP', complete by presses the PTT button (front) and move to another

menu item by using the M 'M' or c 'C' buttons or go back to the main screen by pushing

the M 'M' button for more than 2 seconds.

> ⚠ '000' as the default means to not use the 'GROUP' function, which means that there is 'GROUP' to use.

4.4 ENCRYPTION

4.4.1 What is 'ENCRYPTION'?

It is a special security feature built into the ROLLTS DOMINO. In general, a radio needs to have channels and groups tuned for communication. But it makes the system vulnerable. Unlike other radios, the ROLLTS DOMINO provides encryption code. You can talk with people only if their encryption code is identical to yours.
This process is necessary for communication that should be kept secure.

(All code '0' is set as the default.)

4.4.2 'ENCRYPTION' setup

· Enter the menu by pushing the (M) 'M' button for more than 2 seconds.

· Move to '04. ENCRYPTION' by using (M) 'M' or (C) 'C' buttons and then select by pressing PTT button (front).

· If value flashes, adjust it by using the ▲ 'UP' or ▼ 'DOWN' buttons.

· The code has four sections and each section allows user to input 16 digit code.
  The user can input any number in the range of 0~9, A~F for each digit code.

· When the number flashes Move to another number by using the ⓜ 'M' or ⓒ 'C' buttons.

1st	2nd
0000000000000000	0000000000000000

3rd	4th
0000000000000000	0000000000000000

> (!) For the sake of security, corresponding code has to be exactly same to make communication possible.

· Once you are done with changing the 'ENCRYPTION', complete by presses the PTT button (front) and

move to another menu item by using the ⓜ 'M' or ⓒ 'C' buttons or go back to the main screen by pushing

the ⓜ 'M' button for more than 2 seconds.

4.5 PTT / VOX

4.5.1 What is 'PTT / VOX'?

There are two ways to send voice communication: 'PTT' and 'VOX'.

('PTT' is set as the default.)

・PTT

Voice communication can be sent while pushing the PTT button.

① **Push the 'PTT' button to send a voice communication.**	② **Talk while holding the 'PTT' button. This is when your voice message will be sent.**	③ **Stop holding the 'PTT' button when you want to stop sending your voice message.**

・VOX

The device will recognize your voice and then send it automatically. 'VOX' sends all of the voices that it recognizes. The process can be stopped by pushing the 'PTT' button for more than 2 seconds.(It means that 'VOX' is turned off.) 'VOX' will turn on again when you push the PTT button for more than 2 seconds and then begin sending again.

① **When 'VOX' is turned on, it can send a voice message automatically without any extra controls.**	② **Push the 'PTT' button for more than 2 seconds to stop sending and then 'VOX' will be turned off.**	③ **When 'VOX' is turned off, it can be turned on by pushing the 'PTT' button for more than 2 seconds**

> ! If 'VOX' is turned on, the battery may be exhausted more quickly.

VOX
ON / OFF
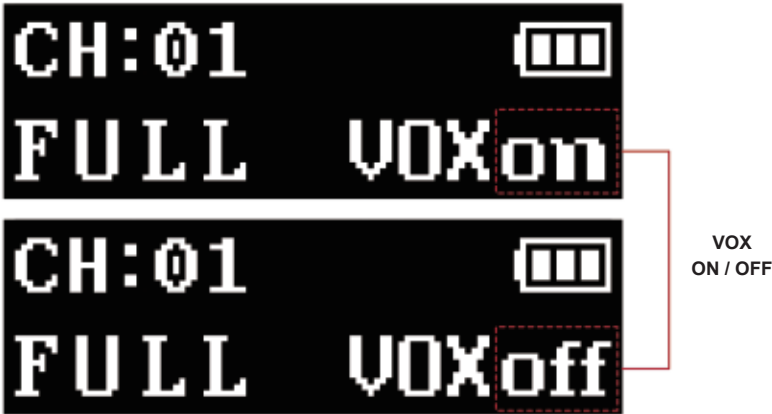
4.5.2 'PTT / VOX' setup

· Enter the menu by pushing the ⟮M⟯ 'M' button for more than 2 seconds.

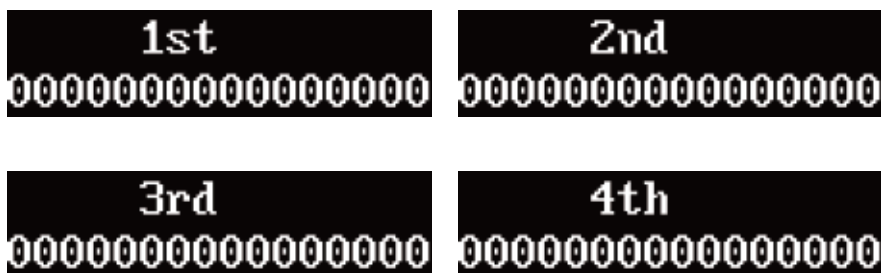· Move to '05. PTT / VOX' by using ⟮M⟯ 'M' or ⟮C⟯ 'C' buttons and then select by pressing PTT button (front).

```
◄ 05.PTT/VOX ►
      P T T
```

· If the value flashes, adjust it by using the ▲ 'UP' or ▼ 'DOWN' buttons.

```
◄ 05.PTT/VOX ►        ◄ 05.PTT/VOX ►
      P T T                 V O X
```

· Once you are done with changing the 'PTT / VOX', complete by presses the PTT button (front) and move to

another menu item by using the ⟮M⟯ 'M' or ⟮C⟯ 'C' buttons or go back to the main screen by pushing

the ⟮M⟯ 'M' button for more than 2 seconds.

4.6 VOX LEVEL

4.6.1 What is the 'VOX LEVEL'?

The 'VOX LEVEL' enables you to control the sensitivity levels of recognized voices when the 'VOX' function is turned on.
If the 'VOX LEVEL' goes up, it can even recognize a lower voice and send. If the 'VOX LEVEL' goes down,
it is less likely to catch a lower voice and will only recognize louder voices and send.
For example, if noise and unintended sounds are caught and sent via 'VOX', then it is necessary to lower
the 'VOX LEVEL'. However, if it is quiet, then raise the 'VOX LEVEL' to catch and send quieter sounds,
even whispering. There are five settings: very low, low, middle, high and very high.

('Middle' is set as the default.)

4.6.2 'VOX LEVEL' setup

· Enter the menu by pushing the ⓜ 'M' button for more than 2 seconds.

· Move to '06. VOX LEVEL' by using ⓜ 'M' or ⓒ 'C' buttons and then select by pressing PTT button (front).

◀ 06.VOX LEVEL ▶
middle

· If the value flashes, adjust it by using the ▲ 'UP' or ▼ 'DOWN' buttons.

◀ 06.VOX LEVEL ▶
very low

◀ 06.VOX LEVEL ▶
low

◀ 06.VOX LEVEL ▶
middle

◀ 06.VOX LEVEL ▶
high

◀ 06.VOX LEVEL ▶
very high

· Once you are done with changing the 'VOX LEVEL', complete by presses the PTT button (front) and move to

another menu item by using the ⓜ 'M' or ⓒ 'C' buttons or go back to the main screen by pushing

the ⓜ 'M' button for more than 2 seconds.

4.7 EMERGENCY

4.7.1 What is an 'EMERGENCY CALL'?

'EMERGENCY CALL' is a function to make a call in an emergency. For example, if you are in an emergency, this function helps you send an emergency call to others on a regular basis, no matter which channel is being used. Those who receive the signal can respond to you through the ROLLTS DOMINO.

4.7.2 How to make an 'EMERGENCY CALL'

・Sending an emergency call

① A person in an emergency pushes PTT button (front) repeatedly at a fast speed (3 times within one second) to send an emergency call to other devices.

② An alarm and vibration ring will go off on the ROLLTS DOMINO if a person is in an emergency. It will be displayed on the LCD as shown below.

The ROLLTS DOMINO will start to send emergency calls to other ROLLTS DOMINOs.

・Receive an emergency call

③ An alarm and vibration ring occurs on the ROLLTS DOMINO receiving the call. It is displayed on LCD as shown below.

> ⚠ The emergency call can be received regardless of which TALK MODE, CHANNEL or GROUP functions are being used.

・Communicating during an 'EMERGENCY CALL'

④ To talk with the person in an emergency, push PTT button (front) repeatedly at a fast speed
(3 times within one second) while the alarm is activated on the ROLLTS DOMINO.

> ⚠ During an emergency call, the TALK MODE function will automatically change to full-duplex, the sender change to 'VOX', and the receiver change to 'PTT'. While also, "SOS" will appear in the channel display section of the standby screen.
>
> S·O·S　　▥
> FULL　VOXon

> ⚠ Multiple people can communicate in an emergency.

・How to communicate in an 'EMERGENCY'

Once a person sends an emergency call and receives a callback from others, he or she could reply by simply talking back into the device utilizing 'VOX'.
Those who receive the emergency call and then respond to the emergency conversation can send their voice message to the person in an emergency through 'PTT' and also hear their reply.

> ⚠ By using speaker, communication can be not available for simultaneous 'transmit' & 'receive' functions like half-duplex.

・Release an 'EMERGENCY CALL'

Follow the process described below to release an emergency call.
(It is the same process as when you respond to an emergency call.)
Push PTT button (front) repeatedly at a fast speed (3 times within one second) to release the emergency call.

> ⚠ Once released from the emergency call, the setup on the ROLLTS DOMINO will go back to the settings before the emergency call was received.

Sender | Receiver

Emergency

PTT button repeatedly at a fast

Send Emergency Signal ↔ Receive Emergency Signal

PTT button repeatedly at a fast

Voice Call ↔ Voice Call

Release — PTT button repeatedly at a fast
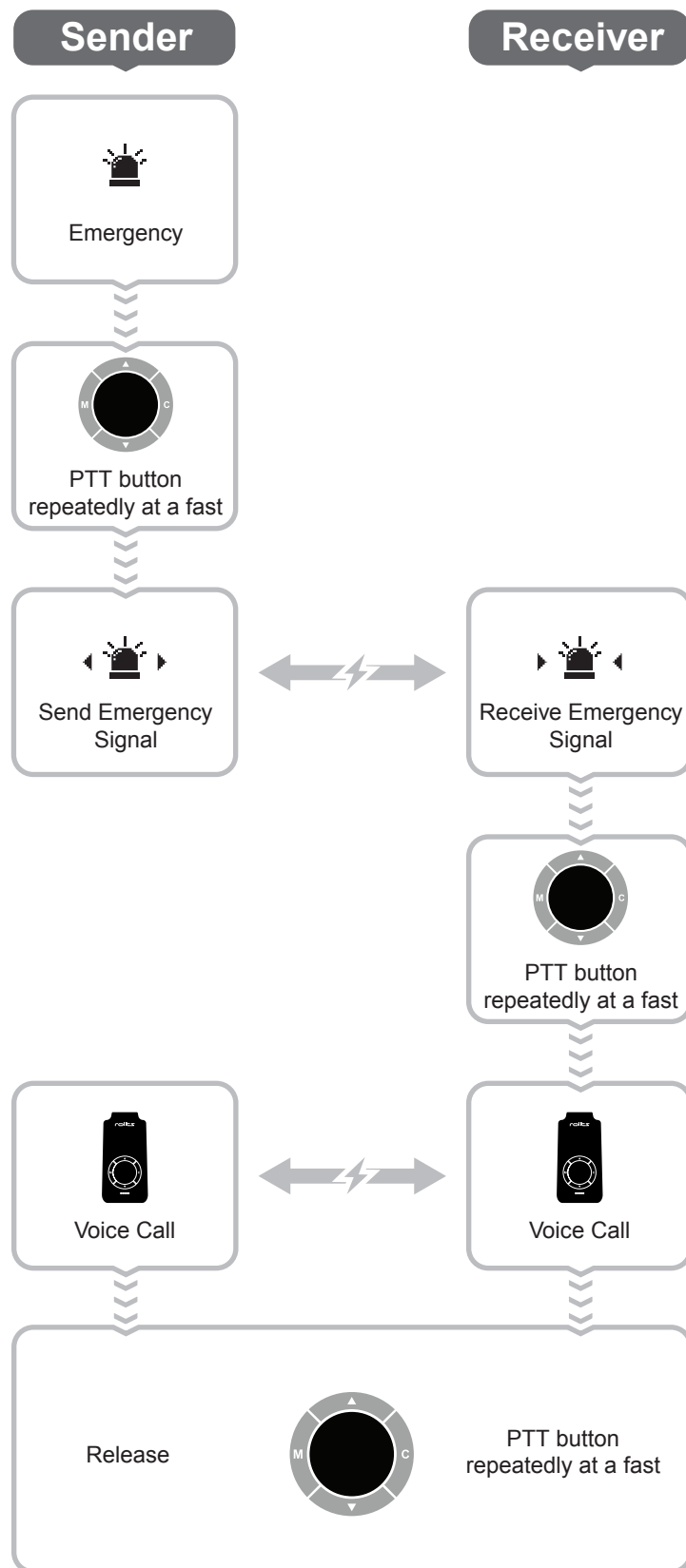
If you do not want to receive an emergency call from other groups, you can do so by setting the emergency function to off. But, for an emergency call from within your own group, you will always receive it no matter if your emergency function is set to on or off.

('On' is set as the default.)

4.7.3 'EMERGENCY' setup

· Enter the menu by pushing the 'M' button for more than 2 seconds.

· Move to '07. EMERGENCY' by using 'M' or 'C' buttons and then select by pressing PTT button (front).

· If the value flashes, adjust it by using the 'UP' or 'DOWN' buttons.

· Once you are done with changing the 'EMERGENCY', complete by presses the PTT button (front) and move to

another menu item by using the 'M' or 'C' buttons or go back to the main screen by pushing

the 'M' button for more than 2 seconds.

> The 'EMERGENCY' function is designed to help somebody who is in trouble.
> Make sure that you do not play with it or use it carelessly.
> Otherwise, it could cause unwanted consequences to other people.

4.8 SIDE TONE

4.8.1 What is the 'SIDE TONE'?

To see if a voice message is being sent properly, while not necessarily taking a look at the LCD screen in 'VOX',
use the 'SIDE TONE'. With the 'SIDE TONE' on, a voice message can be heard through the earset,
making it possible for you to check if it has been sent.

('Off' is set as the default.)

4.8.2 'SIDE TONE' setup

· Enter the menu by pushing the [M] 'M' button for more than 2 seconds.

· Move to '08. SIDE TONE' by using [M] 'M' or [C] 'C' buttons and then select by pressing PTT button (front).

◄ 08.SIDE TONE ►
off

· If the value flashes, adjust it by using the ▲ 'UP' or ▼ 'DOWN' buttons.

◄ 08.SIDE TONE ►
off

◄ 08.SIDE TONE ►
on

· Once you are done with changing the 'SIDE TONE', complete by presses the PTT button (front) and move to

another menu item by using the [M] 'M' or [C] 'C' buttons or go back to the main screen by pushing

the [M] 'M' button for more than 2 seconds.

4.9 MIC GAIN

4.9.1 What is the 'MIC GAIN'?

The MIC GAIN allows you to adjust the microphone volume.
"INT MIC GAIN" is MIC GAIN on the device and "EXT MIC GAIN" is MIC GAIN on the earset.
It is displayed on LCD as shown below

◄09. INT MIC GAIN►
middle

◄09. EXT MIC GAIN►
middle

"INT MIC GAIN" and "EXT MIC GAIN" will automatically change by earset connection.
Increasing the MIC GAIN raises the loudness of your voice, while decreasing the MIC GAIN decreases
the loudness of your voice during the transmission. There are five settings: very low, low, middle, high and very high.
Use the SIDE TONE level as a reference to see whether your MIC GAIN value is adequate or not.

('Middle' is set as the default.)

4.9.2 'MIC GAIN' setup

・Enter the menu by pushing the ⟨M⟩ 'M' button for more than 2 seconds.

・Move to '09. MIC GAIN' by using ⟨M⟩ 'M' or ⟨C⟩ 'C' buttons and then select by pressing PTT button (front).

```
◄09.EXT MIC GAIN►
     middle
```

・If the value flashes, adjust it by using the ⟨▲⟩ 'UP' or ⟨▼⟩ 'DOWN' buttons.

```
◄09.EXT MIC GAIN►        ◄09.EXT MIC GAIN►        ◄09.EXT MIC GAIN►
    very low                   low                    middle
```

```
◄09.EXT MIC GAIN►        ◄09.EXT MIC GAIN►
     high                   very high
```

・Once you are done with changing the 'MIC GAIN', complete by presses the PTT button (front) move to

another menu item by using the ⟨M⟩ 'M' or ⟨C⟩ 'C' buttons or go back to the main screen by pushing

the ⟨M⟩ 'M' button for more than 2 seconds.

4.10 ROGER BEEP

4.10.1 What is the 'ROGER BEEP'?

Setting the "ROGER BEEP" value to "On" generates a beep at the end of each reception.
Therefore, the "ROGER BEEP" acts as a tone to indicate each reception has finished.
When the "ROGER BEEP" is set to "On", the beep will indicate that the other person's transmission is finished,
thus allowing you to respond at the appropriate time.

('On' is set as the default.)

4.10.2 'ROGER BEEP' setup

・ Enter the menu by pushing the [M] 'M' button for more than 2 seconds.

・ Move to '10. ROGER BEEP' by using [M] 'M or [C] 'C' buttons and then select by pressing PTT button (front).

◀10.ROGER BEEP▶
on

・ If the value flashes, adjust it by using the [▲] 'UP' or [▼] 'DOWN' buttons.

◀10.ROGER BEEP▶   **◀10.ROGER BEEP▶**
on   **off**

・ Once you are done with changing the 'ROGER BEEP', complete by presses the PTT button (front) and move to

another menu item by using the [M] 'M' or [C] 'C' buttons or go back to the main screen by pushing

the [M] 'M' button for more than 2 seconds.

4.11 RF POWER

4.11.1 What is the 'RF POWER'?

The RF POWER allows you to adjust the strength of the transmission signal. The RF POWER can be set to High, Middle, and Low. The range and available talk time vary depending on the RF POWER setting, as shown below.

RF POWER		Range	Talk time
High	→	Long	Short
Middle		Middle	Middle
Low	→	Short	Long

Adjust the setting according to your usage environment and needs.

('Middle' is set as the default.)

4.11.2 'RF POWER' setup

・Enter the menu by pushing the 'M' button for more than 2 seconds.

・Move to '11. RF POWER' by using 'M' or 'C' buttons and then select by pressing PTT button (front).

・If the value flashes, adjust it by using the 'UP' or 'DOWN' buttons.

・Once you are done with changing the 'RF POWER', complete by presses the PTT button (front) and move to

another menu item by using the 'M' or 'C' buttons or go back to the main screen by pushing

the 'M' button for more than 2 seconds.

4.12 DEFAULT SET

4.12.1 What is the 'DEFAULT SET'?

All of the values that have been tuned or changed to meet the needs of the user will be returned to their default settings.

4.12.2 'DEFAULT SET' setup

・Enter the menu by pushing the ⓜ 'M' button for more than 2 seconds.

・Move to '12. DEFAULT SET' by using ⓜ 'M' or ⓒ 'C' buttons and then select by pressing PTT button (front).

・If the value flashes, adjust it by using the ▲ 'UP' or ▼ 'DOWN' buttons.
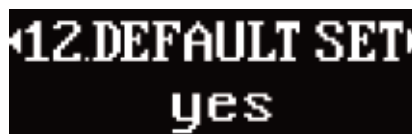
・First, select 'Yes' to set all of the values back to default and then push the 'PTT' button (front). A new screen will pop up to confirm it.
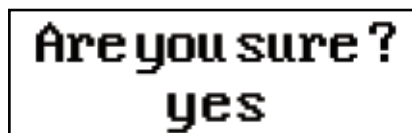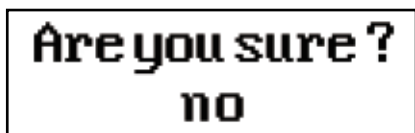
・Again, select 'Yes' and then push the 'PTT' button (front). The power will turn off and on again, initializing all of the values to their defaults settings.

> ⓘ Be careful with this feature. All of the values will return to their default settings.

4.13 VERSION

4.13.1 What is the 'VERSION'?

It is used to check the version of your product.

4.13.2 Checking the 'VERSION'

· Enter the menu by pushing the [M] 'M' button for more than 2 seconds.

· Move to '13. VERSION' by using [M] 'M' or [C] 'C' buttons and then select by pressing PTT button (front).

```
◄ 13.VERSION ►
   00-00-00
```

· Once you check the 'VERSION', move to another menu item by using the [M] 'M' or [C] 'C' button buttons or

go back to the main screen by pushing the [M] 'M' button for more than 2 seconds.

5. Other information

5.1 Connecting external devices

· The ROLLTS DOMINO provides voice output through its micro USB or Audio ports.
You can connect a compatible cable to the micro USB or Audio ports of the ROLLTS DOMINO and to the voice
input port of an external device for a wide range of usage

Usage example 1 : Connecting action cameras
Use an action camera to record voice communications through
the ROLLTS DOMINO along with the video being recorded.
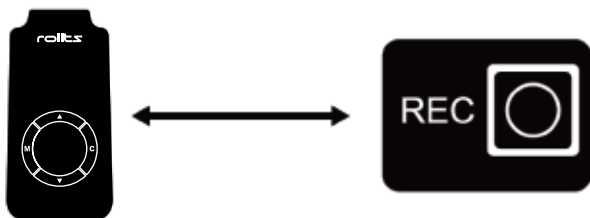
Usage example 2 : Connecting voice recorders
Use a voice recorder to record voice communications through
the ROLLTS DOMINO.
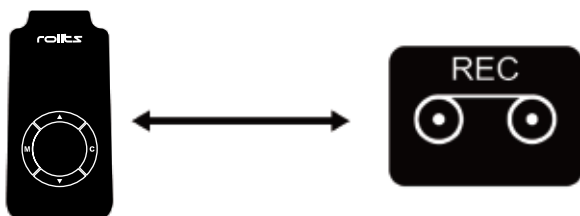
Usage example 3 : Connecting speakers
Use a speaker to amplify voice communications or voice input received
through the ROLLTS DOMINO.
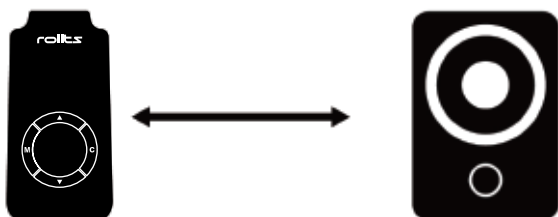
5.2 Features and copyright

[Features]

· **Size (H x W x D):** 77 x 39 x 13 mm (3.0 x 1.5 x 0.5 inches)

· **Weight:** 42g (1.48 oz)

· **Multi-party call:** Tri full-duplex

· **Range (Line of Sight):** Up to 3 km (1.86 miles)

· **Stand-by:** One month

· **Encryption:** AES-256

· **Usable time:** 7 days
 (1day (24 h) = 8h talk time + 16h stand-by)
 (Talk time: 5-5-90 duty cycle)
 (Usable time can be longer by setting RF POWER)

· **Frequency hopping:**
 902-928 MHz ISM band,
 50 channels, 1,000 groups/channel

<NOTE>
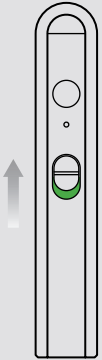
· The maximum range is 3 km with a clear line of sight. The indoor range may be less if there are
 any obstacles, such as steel or concrete structures.

· The 'Stand-by' features our unique low-power technology.
 It can remain on standby for the maximum hour.

· The 'Talk time' features our unique low-power technology. Based on the estimated standard usage
 (5:5:90, i.e., a usage ratio of 5% reception, 5% transmission and 90% standby),
 it can be used for the maximum hour.

· Frequency hopping applied ROLLTS DOMINO ensures clearer and more secure communication by
 eliminating any frequency interference between systems.
 (The radio transmits a limited number of data packets over multiple channels and hops through
 each in a set pattern.)

[Patents, Trademarks or Designs Pending]

This radio has 1 or more patents, trademarks or designs pending with the United States Patent and
Trademark Office or the PCT (Patent Cooperation Treaty) Office.

5.3 Checklist before reporting a problem

When you are unable to get the power to turn on	Charge the device before using it. As shown in the figure below, you can push the switch to turn the power on as the arrow indicates.
When your reception signal is too weak	Use it again after charging the device. This might happen because of not enough battery power remaining.
	Turn the volume up. This might happen because the volume is too low.
	Check where you are. Physical structures, like walls, can weaken the signal range.
	Change the channel. There might be frequency interference.
When you receive an unwanted signal	TVs, computers and other digital devices can interrupt your system. You should either turn them off or keep the device at a safe distance from them.
	It may happen when multiple people use the same channel. Change the channel or set up a separate group.
When you can hear your own voice	Check if the 'SIDE TONE' is on. The 'SIDE TONE' is meant to check if the transmission works well by letting you hear your own voice.
When you plug the device in to recharge, but is does not charge	If you use a charging cable not provided by ROLLTS, it may not work and may damage the system. Always use a ROLLTS-recommended cable.

When you are unable to communicate	Check if your device or the other devices are on.
	Make sure that your device is set to the same setting as the other devices in the 'TALK MODE', 'CHANNEL' and 'GROUP' functions.
	If you still cannot talk, even after following the steps above, check the encryption code to see if the code is the same as the other devices.
When a person on another device cannot hear you	Check if the microphone is covered or if it is too far away from you. Make sure to put it close to your mouth.
When the reception quality is bad	It may happen when the devices are too far away from each other.
When your voice is automatically transmitted unintentionally	Check if 'VOX' is set on 'PTT/VOX'. In 'VOX' mode, voices can be recognized and sent automatically. Put it back on 'PTT' mode if you want to do it manually.
	Malfunctions can be caused by noise when 'VOX' is being used or the reception is set too high. Tune the reception to match with your surroundings.
When the emergency call signal is not turned off, even after you set the Emergency function to off	All emergency calls from within your group can be received, regardless of whether you have the emergency function set to on or off. Any emergency calls from elsewhere will not be received with the Emergency function set to off.
When the battery life is shorter than when you purchased the device	If the device is exposed to temperatures that are too low or too high, it can possibly happen. If you find it too inconvenient to use, report it to ROLLTS customer service.
	As a consumable item, the battery can have a shorter lifespan over time. Contact ROLLTS customer service if you find it too inconvenient to use.

5.4 Warranty

ROLLTS Inc. warrants the ROLLTS branded ROLLTS DOMINO against defects in materials and workmanship when used normally for a period of 12 months (the battery for 6 months) from the date of the original retail purchase by the end-user.

- Those purchasing this product have to review the warranty and fill in the fields below immediately after purchasing the product.

- Contact the seller or distributor after finding a problem with this product.

- Make sure your claim for any repairs, replacement or refund complies with the warranty guidelines.

Product		Model	
Product No.			
Seller			
Purchase date		Store name	
Warranty period	**For a period of 12 months from the date of the original retail purchase.**		
Purchaser name		Address	

[Warranty guidelines]

- ROLLTS Inc. warrants the ROLLTS branded ROLLTS DOMINO against defects while used normally for up to 12 months as the warranty period.

- The cases below are not covered by the warranty :

  1. Damage caused by the use of the consumer.

  2. Defects or flaws caused by natural disasters.

  3. Defects or related problems caused by a misguided voltage or frequency.

  4. Damage caused while tweaking or updating the device by a third party other than a ROLLTS technician.

- This warranty does not apply to any damage or technical problems which might occur after the warranty period has expired. If the purchaser still wants to receive service, ROLLTS can provide the same level of service, but the purchaser is responsible for any labor costs.

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