GP-2000T

# Guest Pager Manual

Please read the user manual carefully
before start using the device.

**Syscall**

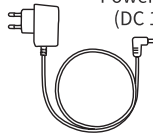# Table of contents

## Getting Started

## Functions

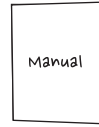# 1. Components & Specification

## Components

### Transmitter GP-2000T
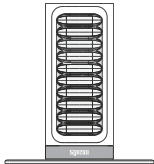
Transmitter + Antenna (GP-2000T)
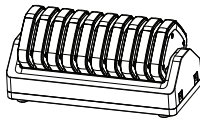
Power Adapter (DC 12V/1A)

User Manual

### Guest Pager

SGP-100R

SGP-300R

Jump Cable (Optional Purchase)

Adapter (DC 9V/5A)

## Specification

|  | SGP-100R | SGP-300R | GP-101R | Transmitter (GP-2000T) |
|---|---|---|---|---|
| Frequency | FSK/433.42MHz | FSK/433.42MHz | FSK/433.42MHz | FSK/433.42MHz |
| Power source | DC 9V/5A | DC 9V/5A | DC 8V/3A | DC 12V/1A |
| Battery | 3.7V 320mAh Li-polymer | 3.7V 320mAh Li-polymer | 3.7V 180mAh Li-polymer | — |
| Dimension | W47 x L102 x H12 mm | W81 x L76 x H12 mm | ¢ 95 × H15 mm | W140 x L149 x H40 mm |
| Weight | 44g | 46g | 75g | 120g |
| Color | Black | White | Black | Black |
|  | GP-100R | GP-200R | GP-300R |  |
| Frequency | FSK/433.42MHz | FSK/433.42MHz | FSK/433.42MHz |  |
| Power source | DC 8V/3A | DC 8V/3A | DC 8V/3A |  |
| Battery | 3.7V 180mAh Li-polymer | 3.7V 180mAh Li-polymer | 3.7V 180mAh Li-polymer |  |
| Dimension | ¢ 95 × H17 mm | W53 x L105 x H11 mm | W58 x L115 x H15 mm |  |
| Weight | 86g | 35g | 72.5g |  |
| Color | Red, Green | Black | White blue |  |

# 2. Installation

**GP-2000T**

1) Plug the power adapter and insert the connector into the port next to the antenna.

2) Turn on the power switch on the right side of the transmitter.

3) Upon completion of full charging, set Gn, Pn and Guest Pager number to start using it.

# 3. Keypad Description
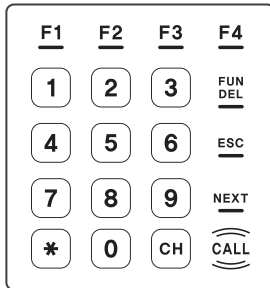


| Symbol | Description |
|---|---|
| FUN DEL | Enter the function setting/ Delete |
| ESC | Cancel/ Exit |
| NEXT | Menu shift |
| CALL | Save/ Call |
| ✱ | Alphabets and special characters |

## Description of Functions

| Functions | | Default | Range | Display |
|---|---|---|---|---|
| **General Function** | Channel Number Setting | Pn | 1 | 1~99 | Pn |
| | Group Number Setting | Gn | 1 | 1~99 | Gn |
| | Pager Number Setting | Fn | 0 | 0~9999 | 0~9999 |
| | Pager Alarm Time Setting | Ct | 30 | 0~99 sec | ct00~99 |
| | Pager Alarm Type Setting (Beep/ Vibration/ LED) | Bu | 0(OFF) | 0-OFF, 1-ON | buof,buon |
| | | Mt | 1(ON) | 0-OFF, 1-ON | Htof,Hton |
| | | LE | 1(ON) | 0-OFF, 1-ON | LEof,LEon |
| **Additional Function** | Auto Retransmission | AT | 0(OFF) | 0-OFF, 1-ON | — |
| | Out of Range Check | Rc | 0(OFF) | 0-OFF, 1-ON | rcof,rcon |
| | RF Output for Out Range Alarm | OR | 2 | 1~7 | — |
| | RF Output Power Control | RP | 2 | 1~2 | — |
| | RF Test Mode | TC | 0(OFF) | 0-OFF, 1-ON | — |
| | Demo Call for Pager | DE | 0(OFF) | 0-OFF, 1-ON | dEof,dEon |
| | RF Reception ON/OFF | RO | 0(ON) | 1-OFF, 0-ON | 「　」 |
| | Beep Sound Setting | SC | 1(ON) | 0-OFF, 1-ON | — |
| | Haptic Feedback Setting | VC | 1(ON) | 0-OFF, 1-ON | — |

⚠ **Caution!** Please make sure that all guest pagers are on the charging unit while setting.

# 4. General Function Setting

## How to Enter the General Function Setting

**FUN DEL**
Touch and hold for 3sec

> When buzzer beeps and vibration occurs, enter the password screen

> 0000
Tap 0000
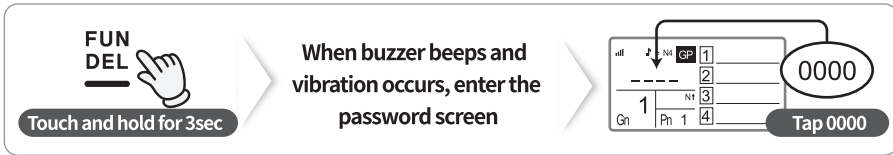
⚠ When each function setting is finished, tap **ESC** to exit from the settings.

## 4-1. Channel Number Setting [Pn]

Assign the channel number to pager set, in order to use separately with other channels.

⚠ **Channel & Group numbers can be set only once at first. The initialization is required when it needs to be changed.**

**FUN DEL**
Touch and hold for 3sec

> When buzzer beeps and vibration occurs, enter the password screen

> 0000
Tap 0000

**Pn**
Enter the Pn
**4**

> **CALL**
Save
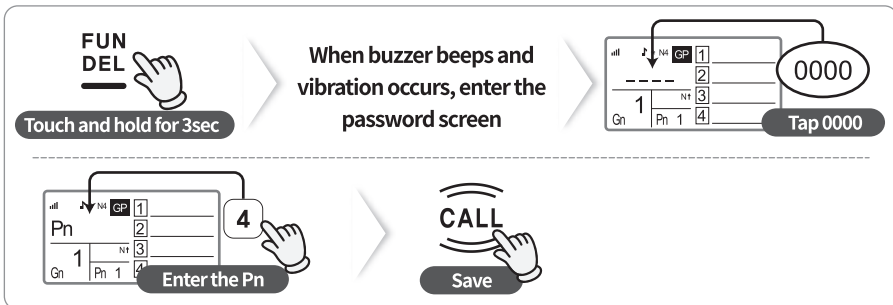
## 4-2. Group Number Setting [Gn]

Assign the group number to pager set, in order to use separately with other groups.

**FUN DEL**
Touch and hold for 3sec

> When buzzer beeps and vibration occurs, enter the password screen

> 0000
Tap 0000

**NEXT**
Move on 'Gn'

> **Gn**
Enter the Gn
**3**

> **CALL**
Save
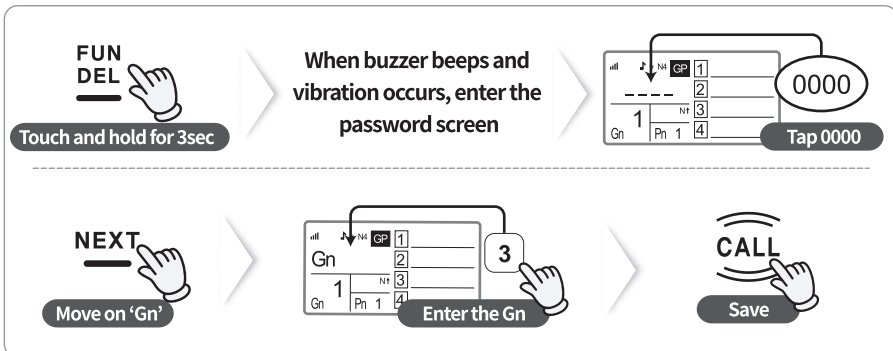
## 4-3. Pager Number Setting [Fn]

Able to preset the number for each guest pager.

⚠ **This setting is only applicable when Pn/Gn of the pagers and transmitter are matched up together. Please make sure that all guest pagers are on the charging unit while setting.**



**FUN DEL** — Touch and hold for 3sec

When buzzer beeps and vibration occurs, enter the password screen

**0000** — Tap 0000

**NEXT** — Tap twice — Move on 'Fn'

**Fn** — Enter the starting number — **1**

**CALL** — Save

Take the pager off

**CALL** — Save

Take the pager off

**Repeat this step up to the last pager**
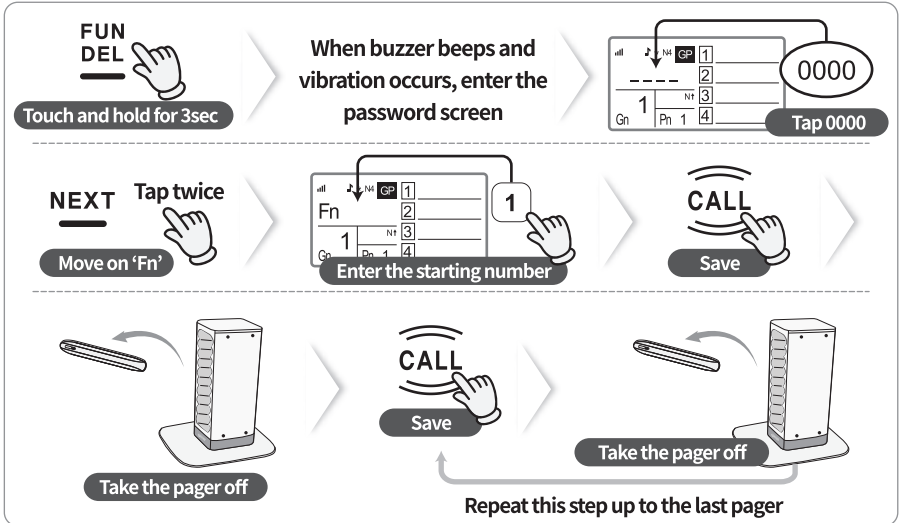
## 4-4. Random Number Setting [Fn]

Able to allocate any numbers to guest pagers whenever it is used. (Up to 4 digits)

⚠ **This setting is only applicable when Pn/Gn of the pagers and transmitter are matched up together. Please make sure that all guest pagers are on the charging unit while setting.**



**FUN DEL** — Touch and hold for 3sec
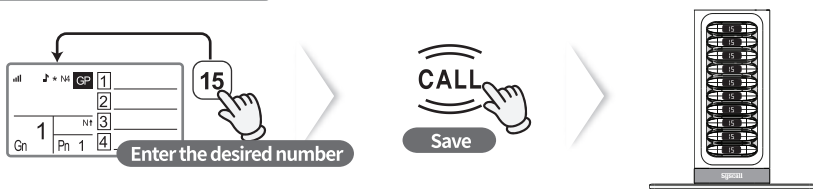
**0000** — Tap 0000

**NEXT** — Tap twice — Move on 'Fn'

Random Number Setting

**Fn** — Enter '0' — **0**

**CALL** — Save
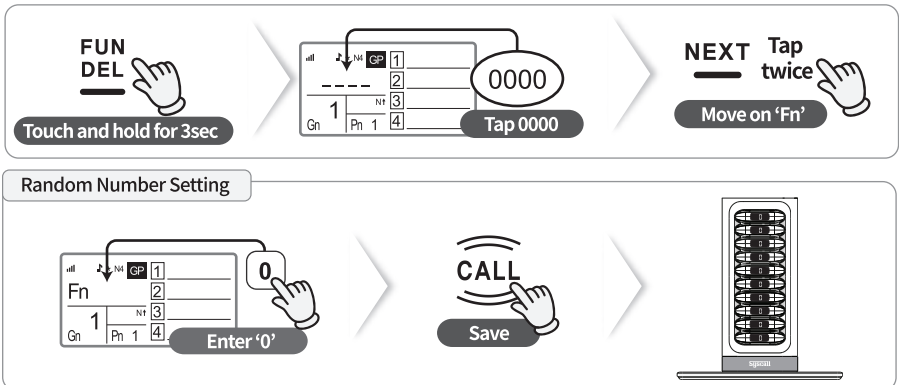
* Tap '0' once again then tap 'CALL', although there is '0' or any other number next to Fn.

**How to Use the Random Number**

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**Enter the desired number**

**CALL**
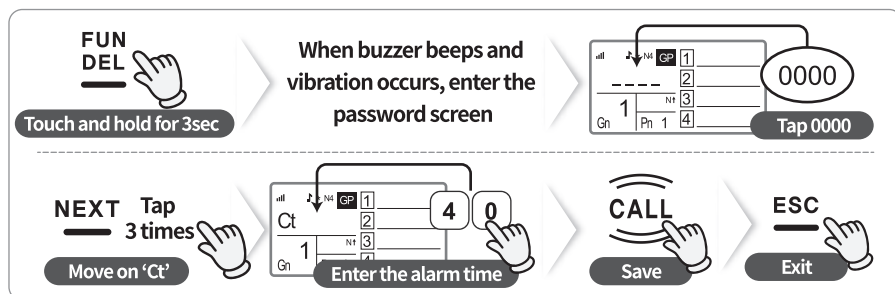**Save**

\* Enter the desired number on the home screen of the transmitter, then check whether the number is applied to all pagers before pass it to customers.

## 4-5 . Pager Alarm Time Setting [Ct]

Set the alarm time when the pager is called. (Range: 0~99sec)

**FUN DEL**
**Touch and hold for 3sec**

**When buzzer beeps and vibration occurs, enter the password screen**

0000
**Tap 0000**

**NEXT**
**Tap 3 times**
**Move on 'Ct'**

**Ct**
4  0
**Enter the alarm time**

**CALL**
**Save**

**ESC**
**Exit**

## 4-6. Pager Alarm Type Setting (Bu/Mt/LE)

Turn ON/OFF the Buzzer, Vibration and LED of the pager.

**FUN DEL**
**Touch and hold for 3sec**

**When buzzer beeps and vibration occurs, enter the password screen**

0000
**Tap 0000**

**NEXT**
**Move on 'Gn'**

**NEXT**
**Move on 'Fn'**

**NEXT**
**Move on 'Ct'**

**Buzzer Setting**
**Vibration Setting**
**LED Setting**

**NEXT**
**Move on 'Bu'**

**NEXT**
**Move on 'Mt'**

**NEXT**
**Move on 'LE'**

**Bu**
0
**Choose ON/OFF**

0 OFF
1 ON

**CALL**
**Save**

**ESC**
**Exit**
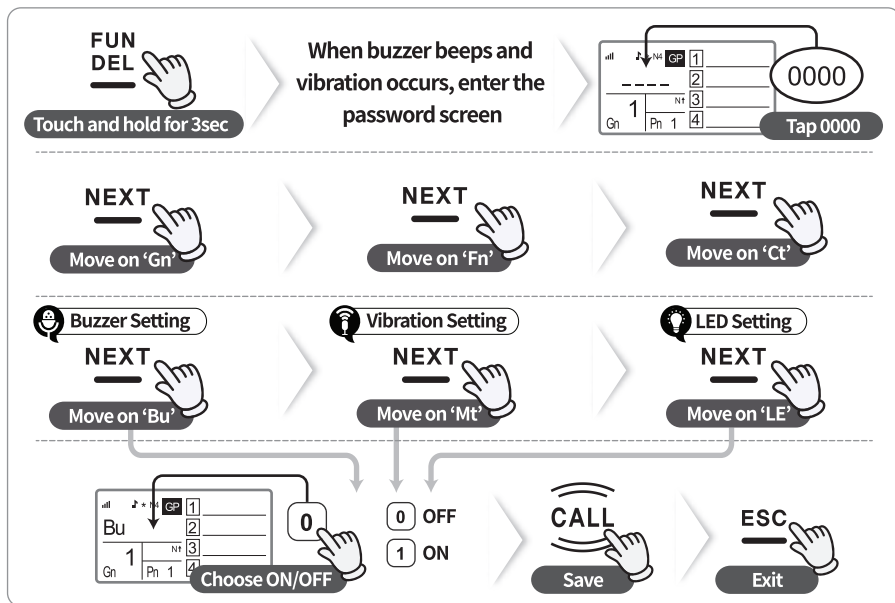
# 5. Additional Function Setting

## How to Enter the Additional Function Setting

| FUN DEL Touch and hold for 3sec | When buzzer beeps and vibration occurs, enter the password screen | Tap 1234 | 1234 |
| --- | --- | --- | --- |
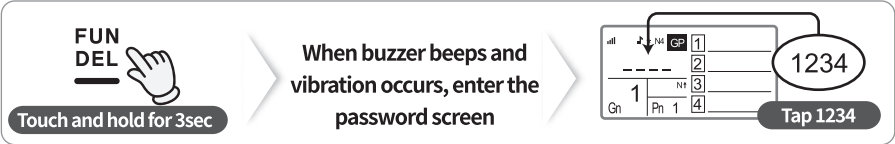
⚠ When each function setting is finished, tap **ESC** to exit from the settings.

## 5-1. Auto Retransmission [AT]

Transmitter sends signal up to 50 times until the pager receives it.

| FUN DEL Touch and hold for 3sec | When buzzer beeps and vibration occurs, enter the password screen | Tap 1234 | 1234 |
| --- | --- | --- | --- |

| AT Choose ON/OFF | 0 | 0 OFF / 1 ON | CALL Save | ESC Exit |
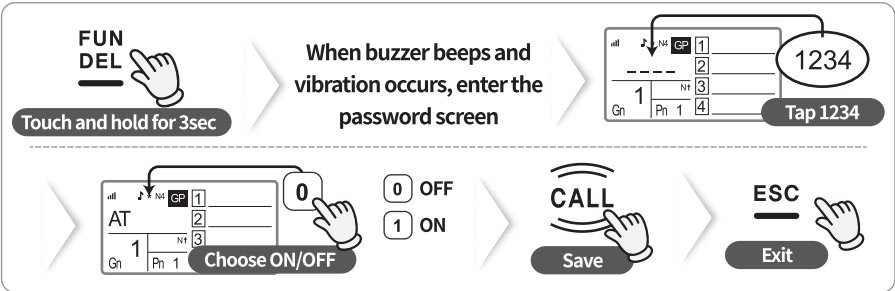
## 5-2. Out of Range Check [Rc]

When the distance between transmitter and pager goes beyond the wireless range, the pager will emit a continuous beep sound until it is returned to the charging unit or back in range.

| FUN DEL Touch and hold for 3sec | When buzzer beeps and vibration occurs, enter the password screen | Tap 1234 | 1234 |
| --- | --- | --- | --- |

| NEXT Move on 'Rc' | Rc Choose ON/OFF | 0 | 0 OFF / 1 ON | CALL Save |
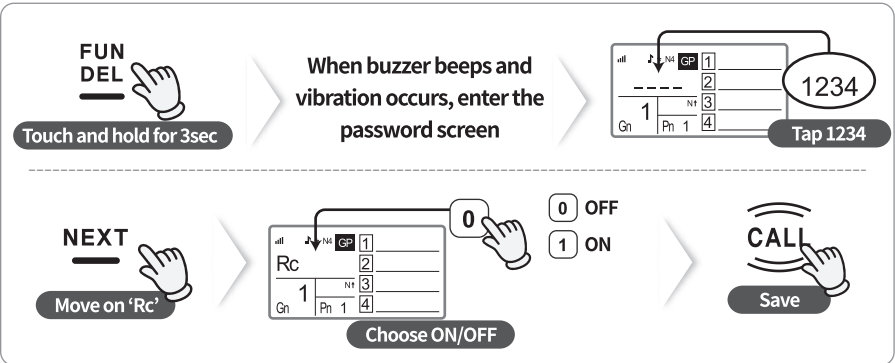
⚠ **Caution!** This function may cause the alarm if the transmitter power is OFF.

## 5-3. RF Output for Out Range Alarm [OR]

When 'Rc' function is ON, user can control the RF output for our range alarm. (Range: 1~7)

**FUN DEL**
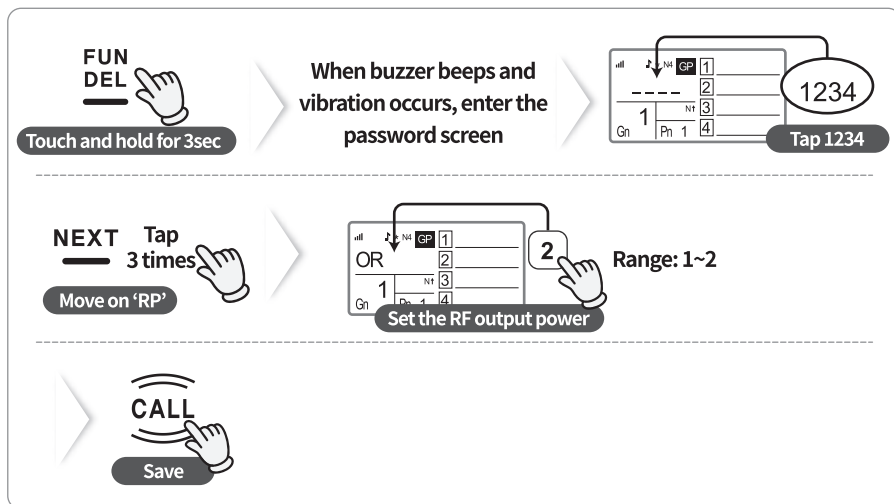Touch and hold for 3sec

> When buzzer beeps and vibration occurs, enter the password screen

1234
Tap 1234

**NEXT** Tap twice
Move on 'OR'

OR
Set the RF output power

**2**
Range: 1~7

**CALL**
Save
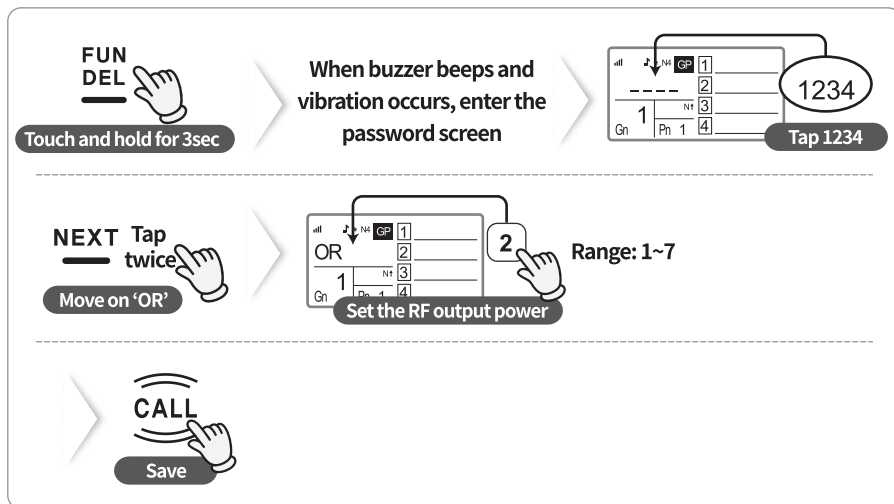
## 5-4. RF Output Power Control [RP]

Able to set the RF output power of the transmitter. (Range: 1~2)

**FUN DEL**
Touch and hold for 3sec

> When buzzer beeps and vibration occurs, enter the password screen

1234
Tap 1234

**NEXT** Tap 3 times
Move on 'RP'

OR
Set the RF output power
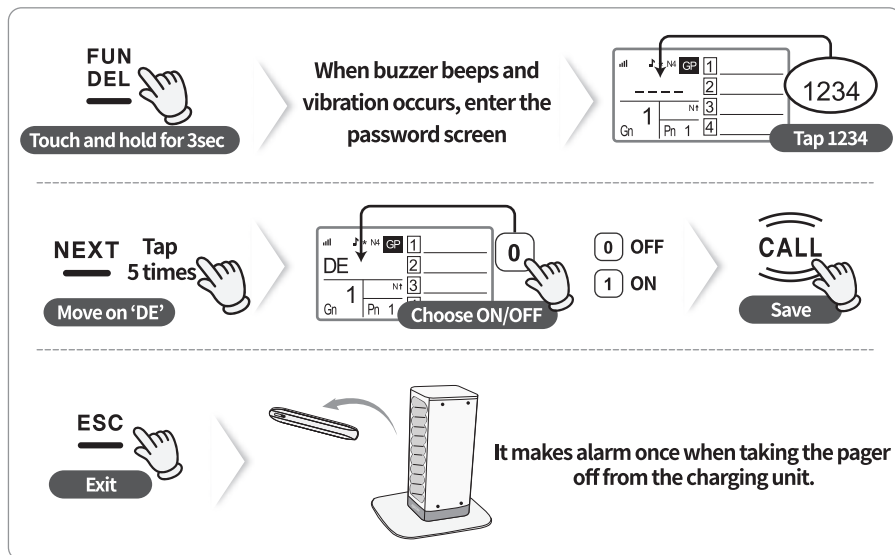
**2**
Range: 1~2

**CALL**
Save

## 5-5. RF Test Mode [TC]

User can verify the information of each pager when the test mode is ON.  Transmitter sends a signal repeatably to confirm registered Gn/Pn/Call Number of Guest Pager.
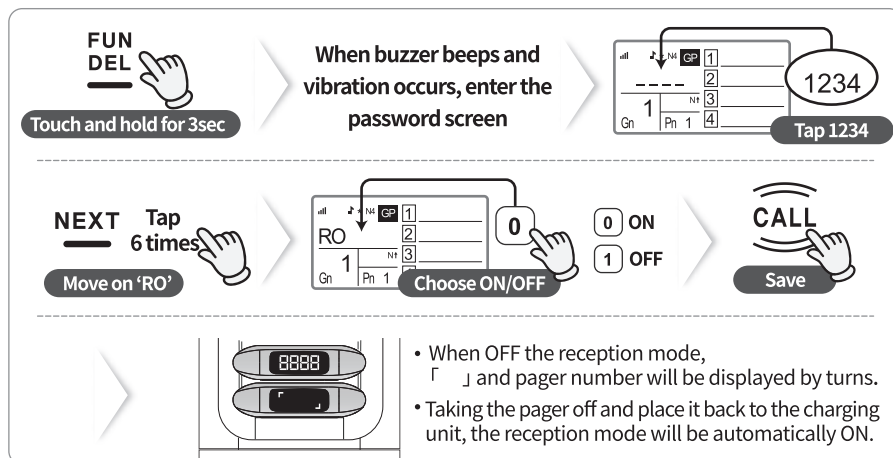
**Take the pagers off from the charging unit.** 〉 **FUN DEL**
Touch and hold for 3sec 〉 **When buzzer beeps and vibration occurs, enter the password screen** 〉

1234
Tap 1234

**NEXT** Tap 4 times

TC

1

**CALL**
Save 〉 Pager no.    Frequency    FND Test    Version info    Gn    Pn

*433*  *8888*  *U_01*  *9n01*  *Pn01*

**ESC**
Exit

*During the RF test mode, the relevant number displays in the order as above.*
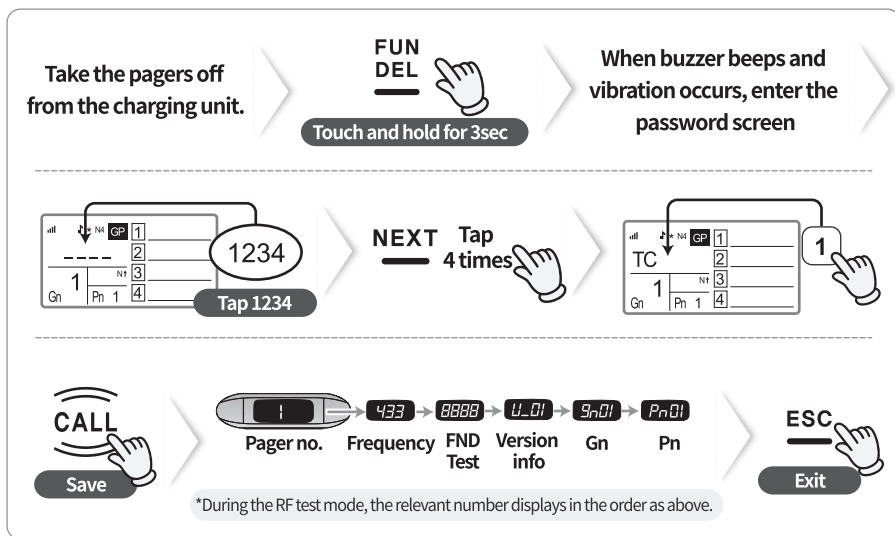
## 5-6. Demo Call for Pager [DE]

When the guest pager is taken off from the charging unit, it makes alarm once itself.

**FUN DEL**
Touch and hold for 3sec 〉 **When buzzer beeps and vibration occurs, enter the password screen** 〉

1234
Tap 1234

**NEXT** Tap 5 times
Move on 'DE' 〉

DE

0
Choose ON/OFF 〉 0 OFF    1 ON 〉

**CALL**
Save

**ESC**
Exit 〉

**It makes alarm once when taking the pager off from the charging unit.**

## 5-7. RF Reception ON/OFF [RO]

Able to inactivate the RF reception of guest pagers    *Reception mode: OFF[1]/ ON[0]

FUN
DEL
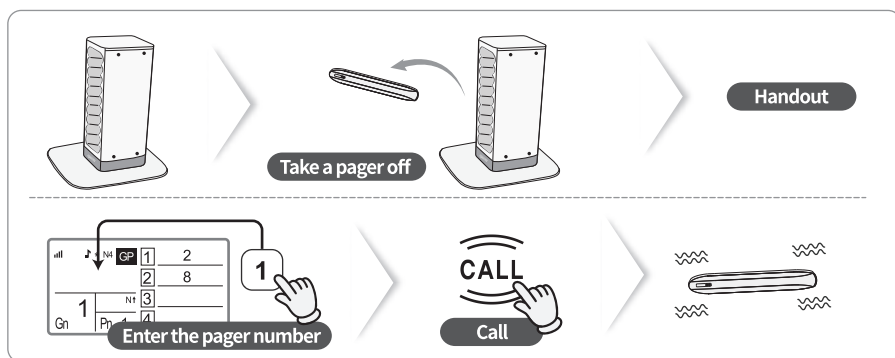Touch and hold for 3sec

> When buzzer beeps and vibration occurs, enter the password screen

> 1234
Tap 1234

NEXT    Tap 6 times
Move on 'RO'

RO
1

0

0 ON
1 OFF

CALL
Save

• When OFF the reception mode,
「    」 and pager number will be displayed by turns.

• Taking the pager off and place it back to the charging unit, the reception mode will be automatically ON.

## 5-8. Beep [SC] & Haptic Feedback Setting [VC]

Turn ON/OFF the beep sound & haptics of the transmitter.

FUN
DEL
Touch and hold for 3sec

> When buzzer beeps and vibration occurs, enter the password screen

> 1234
Tap 1234

Beep
NEXT    Tap 7 times
Move on 'SC'

Haptic Feedback
NEXT
Move on 'VC'

SC
1

0

0 OFF
1 ON

Choose ON/OFF
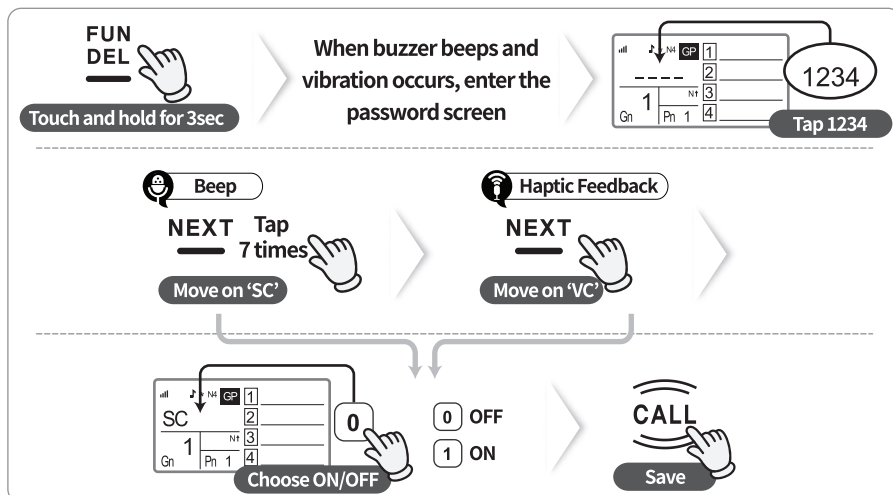
CALL
Save

## 6. How to Use the Guest Pager

### 6-1. How to Call a Pager



Take a pager off

Handout

Enter the pager number

Call

CALL

1

### 6-2. How to Clear the Call



**Way1**

Take back the guest pager
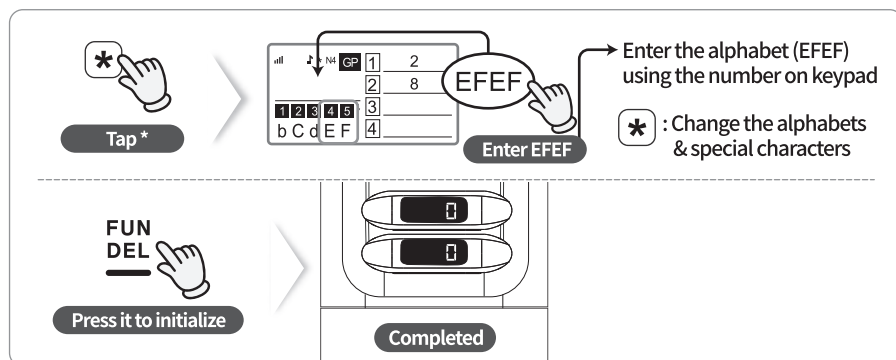
Return it to charging unit

**Way2**

Enter the pager number

Clear

FUN
DEL
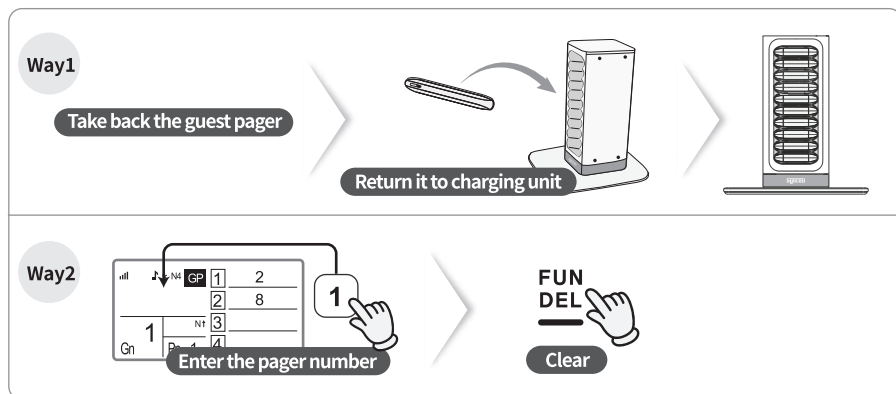
# 7. Initialization

Channel & Group numbers can be set only once at first. The initialization is required when it needs to be changed. Please make sure that all guest pagers are on the charging unit while initializing.

Tap *

Enter EFEF

Enter the alphabet (EFEF) using the number on keypad

* : Change the alphabets & special characters

**FUN DEL**

Press it to initialize

Completed

## Memo