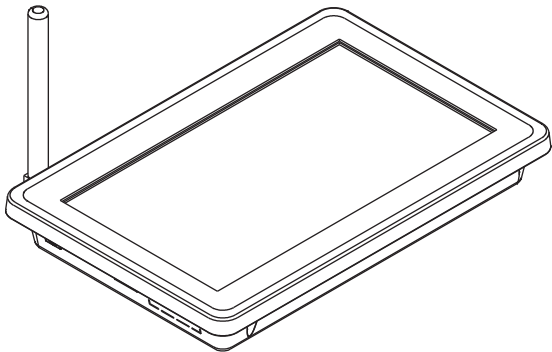




# Guest Call System TRANSMITTER SC800

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## User Manual

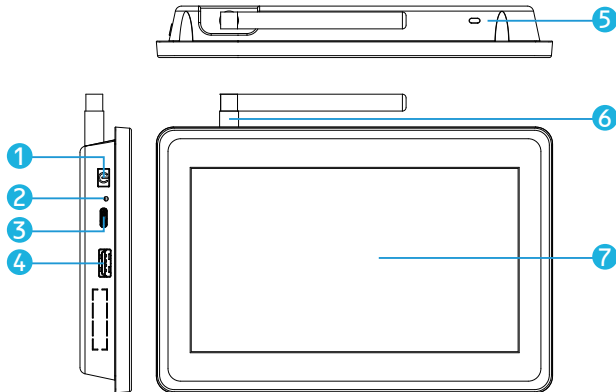




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# Overview & Basic Operation



## 1 Power Button

- For power instructions, please refer to P11.

## 2 Charging Indicator

- Green: Fully charged (above 4.1V)
- Red: Charging

## 3 USB Type-C Port

- For charging and firmware updates (PC flashing not yet supported)

## 4 USB Type-A Port

- Connects to SC-NFC

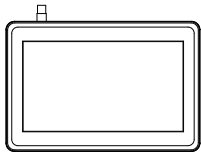
## 5 Audio Output Port

## 6 Antenna Connector

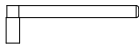
- SMA specification

## 7 7-inch LCD Screen

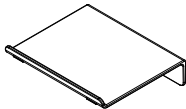
## Product Accessories



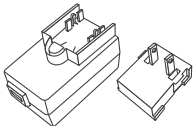
SC800



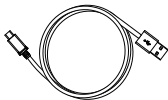
SMA Antenna



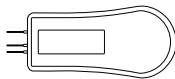
SC800  
Screen Stand



Adapter



USB Cable C to A



Programmer  
(Optional)

### SC-NFC Package Contents



NFC Reader  
(SC-NFC)



USB Cable C to A

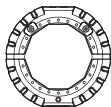
## Compatible Receiver (Optional)

\*For the operation method with each receiver, please refer to the corresponding receiver's user manual.

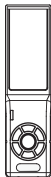
### Guest Call Pager / Wireless LED Panel



AL-A06



AL-A05

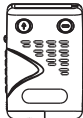


AL-A02

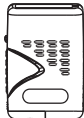


LDN3V

### Staff Call Pager



AL-A01



AL-A03

## Specifications

|                                    |                                 |
|------------------------------------|---------------------------------|
| LCD on                             | <700mA                          |
| LCD off                            | <300mA                          |
| Power off                          | <2mA                            |
| Total Can use Hours                | 10 hours                        |
| TX Frequency                       | 450-470MHz                      |
| Output Power                       | 1W                              |
| HARMONIC RADIATION                 | 60 dBc or less -36dBm           |
| FREQUENCY STABILITY                | ±3 ppm for UHF                  |
| Dimension & Weight without battery | 188(W)x126(H)x24.5(T) mm / 360g |
| Screen Size                        | 7 inches                        |

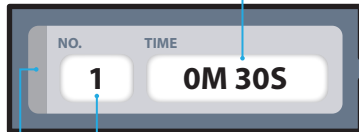
# Main Screen Description

## Order Processing Time

Records the order timestamp. If it exceeds the preset threshold (\*1), the time will be displayed in red as an overtime alert.

\*1 For order timeout settings, please refer to P.16.

## Order Description



## Call Status

- No Status
- Blinking: Transmitting
- Not Blinking: Queued for Transmission
- Transmission Complete

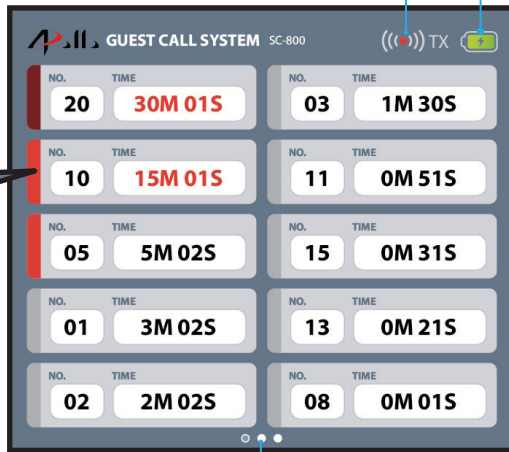
## Pager no.

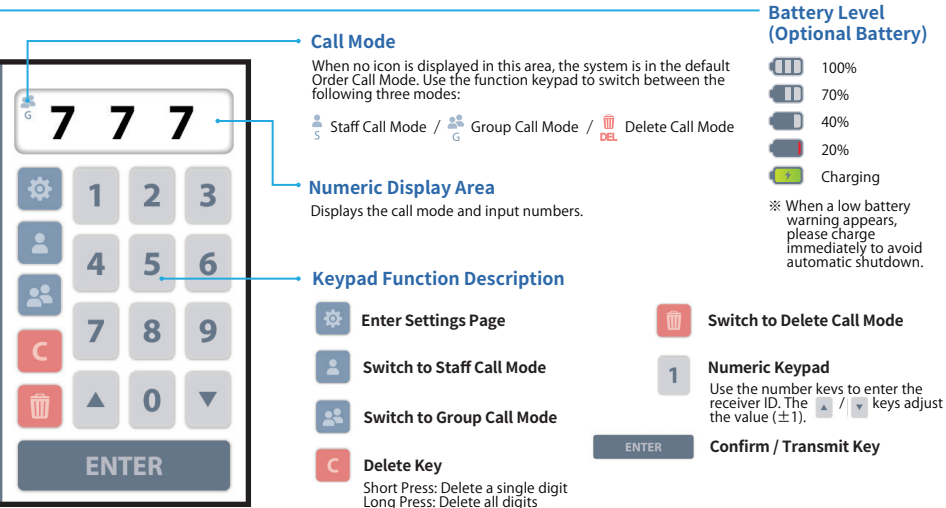
The receiver ID can be configured via the Pager Programming section in the settings page.

## Order Page

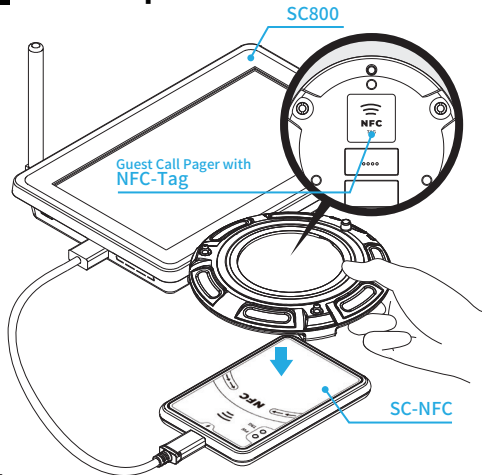
Each page displays 10 orders. Swipe left or right to switch pages, with up to 3 pages viewable.

## Transmission Status





## Basic Operation



### SC800 Connection with SC-NFC Order In / Out Detection

1. Connect the SC800 to the SC-NFC using a USB-C to USB-A cable. (When the power indicator light turns red, the connection is successful.)
2. When a meal pickup pager with an NFC tag ( A02, A05, A06) is brought near the sensing area, the TRG indicator on the SC-NFC will light up red and emit a beep sound, indicating a successful scan. The pager number will be recorded into the SC800, and the timer will start.
3. Once the order is completed, simply scan the same pager again with the SC-NFC. The system will clear the corresponding order data and stop the timer.



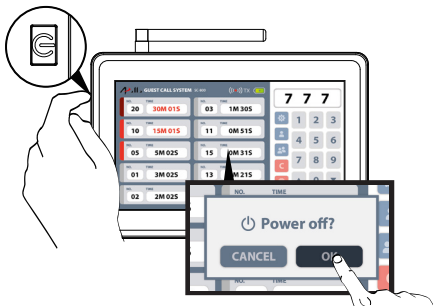
## Call Customer

Applicable Devices: A02, A05, A06, LDN3V

1. Select the desired order from the order list on the main page.  
The corresponding number will appear in the numeric display area. Alternatively, you may enter the desired pager number directly using the keypad.
2. Press the **ENTER** to initiate the call. The TX indicator will light up to show the transmission is in progress. Once the light stops blinking, the transmission is complete. The indicator next to an order that is currently being called or queued for calling will blink red. After the call is completed, the indicator will turn dark red.



- ※ If used with the wireless LED voice pager LDN3V, the system will simultaneously broadcast the number via voice and LED display.
- ※ For pager ID settings, please refer to P.21.
- ※ For LDN3V settings, please refer to P.27.



## Sleep Mode

### With Battery Installed

- The device enters sleep mode in two stages:
- After 2 minutes of inactivity, the screen dims.
  - After an additional 5 minutes of inactivity, the screen turns off completely. Touch the screen to wake the device from sleep mode.

### Without Battery Installed

- The screen will remain on at all times and will not enter sleep mode.

## Power Button

### Turn Off the Power

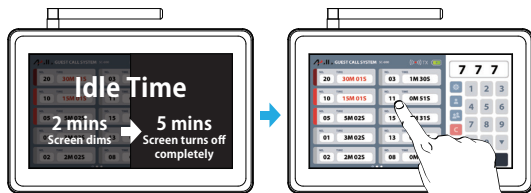
Press and hold the  power button for about 3 seconds. A pop-up will appear to confirm whether you want to turn off the power. Click **OK** to turn off the machine.

### Turn Off the Power

Press and hold the  power button for about 2 seconds to turn the machine on.

### Forced Restart

If the machine is unresponsive, press and hold the  power button for 7-10 seconds to force a restart of the SC-800.





## Call Staff / Group

Applicable Devices: A01, A03

1. Press the  /  key on the keypad to switch the transmission mode. The  /  icon will appear in the numeric display area. Enter the receiver ID you wish to call, then press the **ENTER** to initiate the call.
2. After pressing the **ENTER**, the TX indicator will light up to show the transmission is in progress. When the light stops blinking, the transmission is complete.

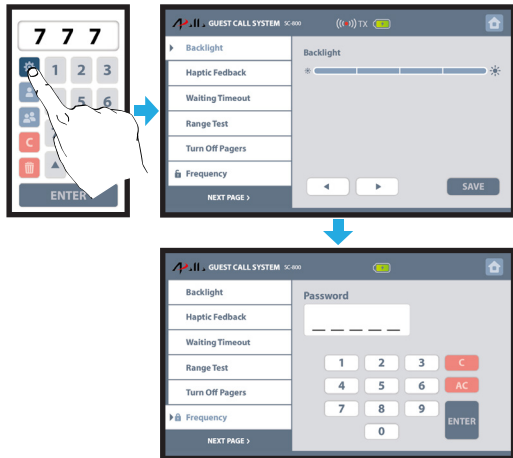




## Delete Call

1. Press the  key on the keypad to enter delete mode. The  icon will appear in the numeric display area.
2. Next, tap the order you want to delete — its order number will be shown in the display area.
3. A pop-up window will appear asking for confirmation. Press **OK** to delete the order.

# Setting Page Description



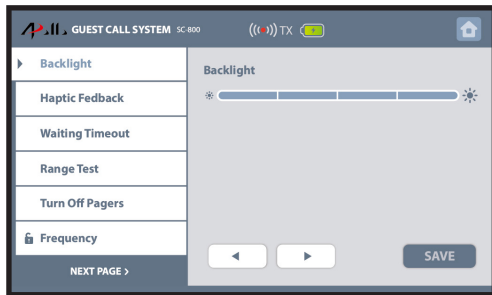
## Setting Pager

1. Click the  button on the main screen to enter the menu and choose the item you wish to set.
2. When a  symbol appears next to a setting option, a password is required to make changes. To obtain the password, please contact your supplier.

 Lock  Unlock

3. Click **NEXT PAGE >** to switch to the next settings page.

- ※ Every time you enter the settings page, you will need to re-enter the password.
- ※ If the settings page remains idle for 60 seconds, the machine will automatically return to the main screen.



## Backlight

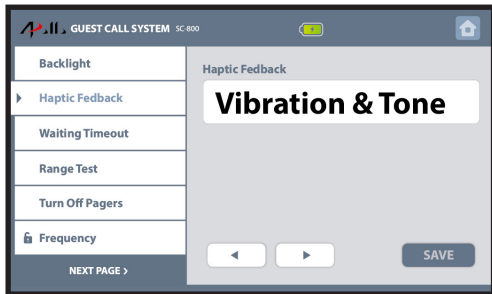
1. Click the  button to enter the menu and select Backlight.
2. Use the ◀ or ▶ buttons to adjust the screen brightness.
 

100% 

75% 

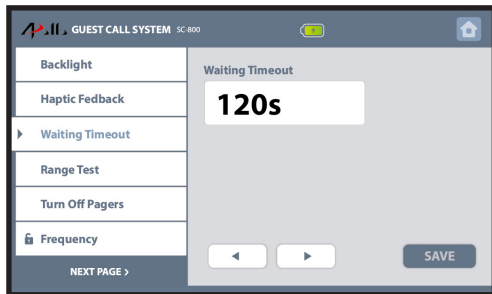
50% 

25% 
3. Click the  button to save the settings.



## Haptic Feedback

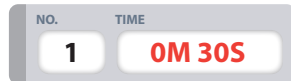
1. Click the  button to enter the menu and select Haptic Feedback.
2. Use the ◀ or ▶ buttons to adjust the touch feedback.
  - Vibration & Tone
  - Slient
  - Vibrate
  - Tone
3. Click the  button to save the settings.

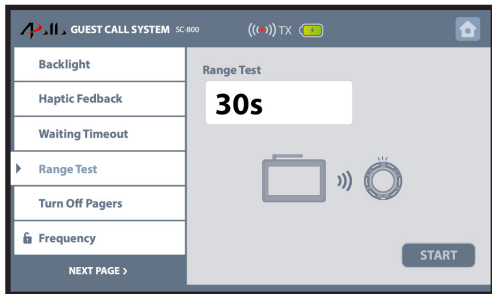


## Waiting Timeout

1. Click the  button to enter the menu and select Waiting Timeout.
2. Use the ◀ or ▶ buttons to adjust the timeout duration (in seconds).  
60s / 120s / 180s / 240s / 300s / 600s
3. Click the  button to save the settings.

※ After the settings are completed, if the Time on the order page exceeds the set value, it will be displayed in red as a timeout warning, as shown in the image below:

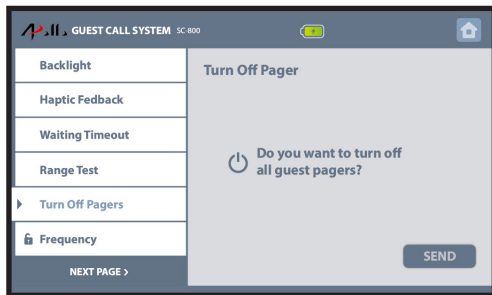




## Range Test

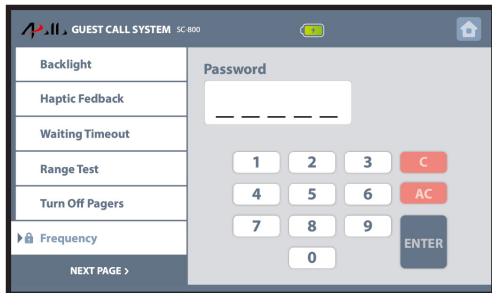
1. Click the  button to enter the menu and select Range Test.
2. Click  to begin the test; click  to end the test.

※The Range Test function allows users to test the maximum receiving range of the receiver. The SC-800 sends a test notification every 30 seconds until the receiver can no longer receive the signal—this marks the maximum reception range.



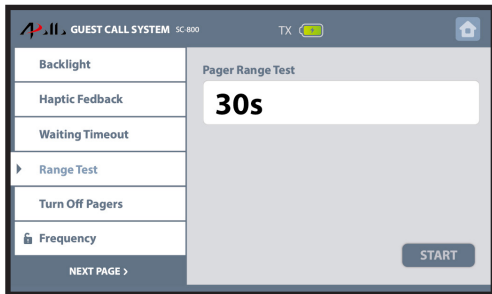
## Turn Off Receivers

1. Click the  button to enter the menu and select Turn Off Pager.
2. Click  to shut down all receivers.
3. A pop-up will appear to confirm whether you want to turn off all guest pagers. Click  to turn off the pager.



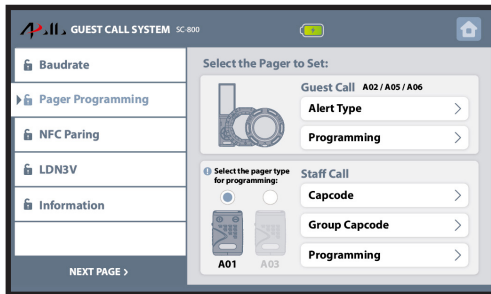
## Frequency

1. Click the  button to enter the menu and select Frequency.
2. Press the number keys to adjust the frequency.
3. Click the  button to save the settings.



## Baudrate

1. Click the  button to enter the menu and select Baudrate.
2. Use the ◀ or ▶ buttons to adjust the transmission rate.  
512bps / 1200bps / 2400bps
3. Click the  button to save the settings.



## Pager Programming

1. Click the  button to enter the menu and select Pager Programming.
2. Select the type of receiver you want to configure, as well as the setting item, to enter the settings page:
  - Guest Call Pager Setting A02 / A05 / A06
  - Staff Call Pager Setting A01 / A03

## Guest Call Pager Setting : A02 / A05 / A06



### • Alert Type

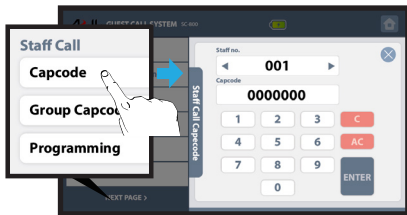
1. Use the ◀ or ▶ buttons to select the alert type:  
( Vibrate / Vibrate & Beep / Beep )
2. Click **OK** to save the selected alert type.
3. When the Settings saved appears at the bottom of the screen, the setting has been saved successfully.
4. Click the icon in the top-right corner to return to the previous page.



### • Programming -- A02 / A05 / A06

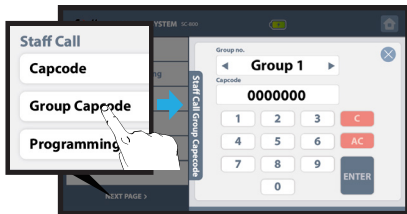
1. Press the number keys to enter the pager number, for example, 001.
2. Click **PROG** to program the pager. If the symbol appears on the screen, programming was successful; If the symbol appears, programming failed.
3. Click the icon in the top-right corner to return to the previous page.

## Staff Call Pager Setting : A01 / A03



### • Capcode

1. Use the ◀ or ▶ buttons to select Staff no.1~4.
2. Press the number keys to set the Capcode.
3. After entering the information, click **ENTER** to save the data. If the ✓ symbol appears on the screen, the data has been saved successfully.
4. Click the ✕ icon in the top-right corner to return to the previous page.



### • Group Capcode

1. Use the ◀ or ▶ buttons to select Group no.1~4.
2. Press the number keys to set the Capcode.
3. After entering the information, click **ENTER** to save the data. If the ✓ symbol appears on the screen, the data has been saved successfully.
4. Click the ✕ icon in the top-right corner to return to the previous page.



## • Programming -- A01

1. After selecting the staff pager model A01, click Programming to begin programming.
2. Use the ◀ or ▶ buttons to select the Staff no. and Group no.
3. Click **PROG** to program the pager. If the ✓ symbol appears on the screen, programming was successful; If the ✗ symbol appears, programming failed.
4. Click the ✕ icon in the top-right corner to return to the previous page.



## • Programming -- A03

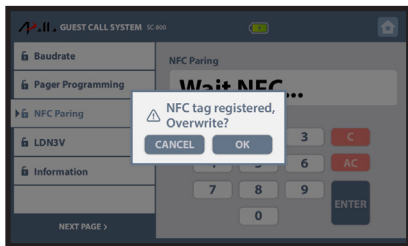
1. After selecting the staff pager model A03, click Programming to begin programming.
2. Use the ◀ or ▶ buttons to select the Staff no. and Group no.
3. Use the ◀ or ▶ buttons to select Alert Type. ( Vibrate / Vibrate & Beep )
4. Click **PROG** to program the pager. If the ✓ symbol appears on the screen, programming was successful; If the ✗ symbol appears, programming failed.
5. Click the ✕ icon in the top-right corner to return to the previous page.



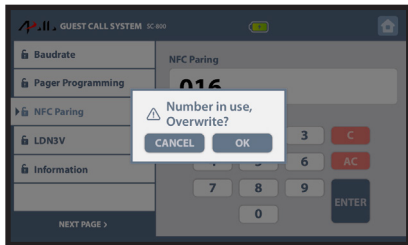
## NFC Paring

Before using the SC-800 with the food pickup pagers, NFC pairing must be completed:

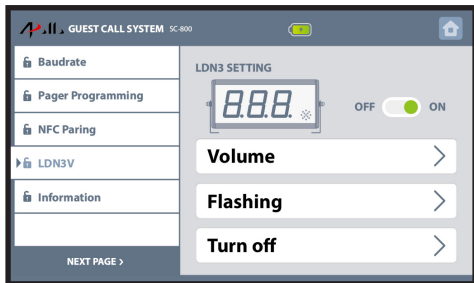
1. Connect the SC-800 to the accessory SC-NFC reader.  
When the PW indicator light on the device turns red, the connection is successful.
2. Click the  button to enter the menu and select NFC Pairing.
3. Hold the food pickup receiver with the NFC Tag near the sensing area of the SC-NFC reader.
4. Press the number keys to enter the receiver's ID number, ex. 005.
5. Click  save the receiver ID.  
When  Settings saved appears at the bottom of the screen, the ID has been saved successfully.



※ If the receiver has already been paired with an ID, a pop-up message "NFC tag registered, Overwrite?" will appear. Click **OK** to overwrite the existing record; click **CANCEL** to cancel the overwrite.



※ If the entered ID has already been paired with another receiver, a pop-up message "Number in use, Overwrite?" will appear. Click **OK** to overwrite the existing record; click **CANCEL** to cancel the overwrite.



## LDN3V (Optional)

1. Click the  button to enter the menu and select LDN3V.
  2. Click the OFF / ON toggle button to turn the LDN3V Setting on or off.
  3. After enabling the LDN3V Setting, proceed with configuring the LDN3V settings.
    - Volume : Use the ◀ / ▶ buttons to adjust the volume and select Silent or Level 1~4.
    - Flashing : Use the ◀ / ▶ buttons to set the blink time from 1~9 seconds.
    - Turn off : To turn off LDN3V, select the appropriate option.
  4. Once the configuration is complete, click  to send the settings. When the TX symbol at the top stops flashing, it indicates that the setting has been completed.
- ※ This item is for the wireless LED display pager LDN3V configuration. If you have not purchased the LDN3V, you may ignore this setting.



## Information

1. Click the  button to enter the menu and select Information.
2. Check the SC-800 device SN (Serial Number), System Capcode, and Firmware Version.

## **Federal Communication Commission Interference 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 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.

## **FCC Caution**

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

## **FCC Radiation Exposure Statement**

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 0.5 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 0.5 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

**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.

## NCC Regulatory Notice

- Low-power radio-frequency devices that have obtained type approval shall not be modified by companies, firms, or users without authorization. This includes changing the frequency, increasing the power, or altering the original design characteristics and functions.
- The use of low-power radio-frequency devices must not interfere with aircraft safety or legitimate communications. If interference is found, the device must be stopped immediately and may only resume operation once the interference has been resolved.
- The aforementioned legitimate communications refer to radio communications operated in accordance with the Telecommunications Management Act.
- Low-power radio-frequency devices must accept interference from legal communications or from industrial, scientific, and medical (ISM) radio frequency equipment.

## Notice

- Do not operate this device in a hazardous atmosphere.
- Do not replace or change accessories in a hazardous atmosphere. Contact sparking may occur while installing or removing accessories and cause an explosion or fire.
- Turn a device off before removing or installing a battery or accessory.
- Do not disassemble this device in any way that exposed the internal electrical circuits of the unit.
- Make sure to read this manual before using the machine. Please keep it in hand for future reference.
- Disclaimer: The products of GOLD APOLLO are intended for legal use only. Users must comply with local laws and regulations. GOLD APOLLO assumes no legal responsibility for any consequences arising from improper, illegal, or infringing actions. In the event of violations, we reserve the right to terminate transactions.

## MEMO

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