

# **RCL-T700N Manual**

Manual

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# IMPORTANT SAFETY INFORMATION

Caution : Any changes or modifications (including the antenna) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

## IMPORTANT NOTE:

### FCC RF 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 30 centimeters between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**NOTE : The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.**

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## 1. SYSTEM INTRODUCTION

### 1) SYSTEM SUMMARY

RCL Paging System was designed to help restaurants manage incoming customers efficiently and distinctively. Customers receive instant notification when their table is ready, making them feel special and welcome. Freed from long lines, your restaurant looks more inviting to people walking in, customers are encouraged to wait without fears of missing their table, resulting in higher traffic, while overall restaurant traffic flows more smoothly, leading to faster table turns. By offering perfect customer service the instant a customer appears, you will enjoy greater competitiveness, revenues and profits.

### 2) SPECIFICATION

FEATURE	BENEFIT
TECHNOLOGY	<ul style="list-style-type: none"><li>◦ UHF Technology</li><li>◦ Perfect for large restaurant and multiple levels</li><li>◦ Eliminates dead spots and costly repeaters</li></ul>
TRANSMITTER CHARGER	<ul style="list-style-type: none"><li>◦ Built-in Clock</li><li>◦ Integration charger into transmitter</li><li>◦ Wireless Pager Programmability</li><li>◦ Pager Programmability with USB programming jig</li><li>◦ Durable and Sturdy to withstand industry conditions</li><li>◦ Selectable Pager Alert Mode</li><li>◦ Auto Locate</li><li>◦ Out of Range</li><li>◦ Range Test</li></ul>
PAGER	<ul style="list-style-type: none"><li>◦ POCSAG Code</li><li>◦ All Pagers work on Single Transmitter Platform</li><li>◦ Smart Charging System with RCL Transmitter Charger</li><li>◦ Advertise with Insert Sheet</li></ul>
RESTAURANT SYSTEM ID	<ul style="list-style-type: none"><li>◦ Unique Base ID to eliminate overlapping message</li></ul>
RECHARGEABLE BATTERY	<ul style="list-style-type: none"><li>◦ Smart Charging eliminates over-charging and extend battery life</li></ul>
APPLICATION	<ul style="list-style-type: none"><li>◦ Restaurant, Café, Hotel, Pharmacy, Church, Super market, Car Wash and Auto Dealer shop</li></ul>

## 2. INSTALLATION

- Step❶ Lock the antenna to the right corner of the RCL Transmitter.  
(Fit over plug and twist left to lock antenna in place)
- Step❷ Plug the A/C adaptor into the RCL Transmitter and then into a standard outlet. A surge protector is recommended.
- Step❸ Fit the pagers on the chargers. A charging indicator will illuminate to indicate charging. Pager will be fully charged in 2 hours.

## 3. SYSTEM SETTING

To enter programming mode, press the “SETUP” button and enter the password “\* \* 8 # #” followed by “ENTER”. If the password is accepted, the display will show “Menu Option F1:Up F2:Down”

Use the “F1” or “F2” key to scroll through the several menu options or press “CANCEL” key to exit the system setting menu.

### 1) Set Time Display

With this feature, you can setup current time into the RCL Transmitter.

- At the “Set Time” menu, set the hour using Number key and then press “ENTER” key.
- Then enter the minutes and press “ENTER” key.
- Press “# 1” key to select “AM”, “# 2” is to select “PM”. After selection of it, then press “ENTER” key
- After the correct time is set, press the “ENTER”

### 2) Set Alert Type

With this feature, you can have the option of changing your pagers alert type.

**To change the alert type of your pagers, follow the below instructions:**

- At the “Set Alerts” menu, press the “ENTER” key
- If the “Change?” menu appears, press “# 1” key to select “Yes”, “#2”key is to select “NO”, then press “ENTER” key.  
(Press “CANCEL” key, and return to the main menu.)

- Then place all the pagers on the charger
- Select one of 1~7 Alert modes, then press “ENTER” key.
  - 1) Vibration    2) LED    3) Beep    4) Beep/Vib/LED
  - 5) Vibe/LED    6) Beep/Vib    7) Beep/LED

(Use the “F1” key to scroll through these 7 alert modes.)

(The charger turns “off” automatically, then pagers will work for 6 seconds

Transmitter sends the changed alert message.

Pagers receive the changed Message ( LED blinking )

The charger turns “on” automatically.)

- The pagers will now respond with your new selected alert type.
- Return all the pagers to the charger base or plug the power supply. The pagers are ready to receive the page with its new alert mode.

✂ **you could change alert type with RCL transmitter**

**Select your desired alert type from the table below.**

Type of Alert	Transmitter Code
Vibrate only	#*001
LED lights only	#*002
Beep only	#*003
Vibrate, LED light, and Beep	#*004
Vibrate and LED light	#*005
Beep and Vibrate	#*006
Beep and LED light	#*007
Sleep mode	#*016

After all of the charging racks in your system are unplugged, return to the transmitter and follow the following procedure:

1. Select your desired alert type combination from the table above:
2. At the “PAGER # :” prompt, enter the code “911” on the keypad.
3. Press the “SETUP” key above the large “CANCEL” key.
4. Your transmitter should then show “MESSAGE : ”
5. Enter the Transmitter Code that corresponds to the alert combination you would like the Customer

pager to tone. The \* and the # buttons will look like [] on the display. This is normal.

6. Press the large “ENTER” key.

At this point, all of the pagers in your system should tone with the alert that you selected. To reset the pagers and stop the tones, plug the Charging Racks back into the power.

### 3) Set Alert Time

With this feature, you can set the alert time, how long the pager alerts, when the pager receive the signal from the transmitter.

**To change the Alert time mode of your pagers, follow these instructions:**

- At the “Set Alert Time” menu, press “Enter” key.
- If the “Change?” menu appears, press “# 1” key to select “Yes” or “# 2” key to select “#”. Then press “ENTER” key.  
(Press “CANCEL” key to exit, and return to the main menu.)
- Then place all the pagers on the charger.
- Select one of 1~8 Alert time modes as below, then press “ENTER” key

- 1) 05 SEC    2) 15 SEC    3) 30 SEC    4) 60 SEC    5) 90 SEC  
6) 120 SEC    7) 180 SEC    8) Continuance

(Use the “F1” key to scroll through the 8 alert time modes.)

(The charger turns “off” automatically, and then pagers will work for 6 seconds

Transmitter sends the changed alert message.

Pagers receive the changed Message (LED blinking)

The charger turns “on” automatically.)

- The pagers will now respond with your new selected alert time mode.
- Return all the pagers to the charger base or plug the power supply. The pagers are ready to receive the page with its new alert mode.
- Also, you could change alert time with RCL Transmitter  
Select your desired alert time from the table below.

Time of Alert	Transmitter Code
5 seconds	##*010
15 seconds	##*012
30 seconds	##*013



60 seconds	#*014
120 seconds	#*015

After all of the charging racks in your system are unplugged, return to the transmitter and follow the following procedure:

1. Select your desired tone length from the table above:
2. At the “PAGER # :” prompt, enter the code “911” on the keypad.
3. Press the “SETUP” key above the large “CANCEL” key.
4. Your transmitter should then show “MESSAGE: ”
5. Enter the Transmitter Code that corresponds to the length of time you would like the Customer pager to tone. The \* and the # buttons will look like [] on the display. This is normal.
6. Press the large “ENTER” key.

At this point, all of the pagers in your system should tone for the amount of time that you selected. To reset the pagers and stop the tones, plug the Charging Racks back into the power.

#### 4) Out of Range

With this feature, the pagers will play a melody when taken out of range from the transmitter to inform the guest that they are located “Out of Range” and will miss their page. The melody will only stop, when they return back within range.

##### **To turn the Out of Range “USE” or “NOT”**

- At the “Out of Rng” menu, press “Enter” key.
- Then fit all the pagers on the charger.
- Press “#1” key, then “ENTER” key to turn the Out of Range “USE” (“#2” key is to select “NOT”)  
 (The charger turns “off” automatically, and then pagers will work for 6 seconds  
 Transmitter sends the changed alert message.  
 Pagers receive the changed Message (LED blinking)  
 The charger turns “on” automatically)
- Return all the pagers to the charger base or plug the power supply. The pagers are ready to receive the page with its new message mode.

#### 5) Auto MSG

With this feature, you can choose if you will send some designated messages.

- At the “Auto MSG” menu, press “ENTER” key
- Then press “#1” key, then “ENTER” key to select “USE.”  
 (“#2” key is to select “NOT”)
- Return all the pagers to the charger base or plug the power supply. The pagers are ready to receive the page with its new message mode

#### 6) Prog Pager #

With this feature, you can change a pager number.

##### <Writing Mode>

- At “prog pager # ” menu, press the “Enter” Key
- If the “Pager # Change?” is displayed, press “#1” key to select “Yes” or “#2” key to select “NOT” Then press “ENTER” key. ( Press “CANCEL” key to exit, and return to the main menu )
- Connect the pin programmer jig to the pager programming holes.
- If the LED is blinking, write the digits to program a pager number.
- Then press “F4” Key.

##### <Reading Mode>

- At “Prog pager #” menu, press the “Enter” Key
- If the “Pager # Change?” appears, press “#1” key to select “Yes” or “#2” key to select “NOT”. Then press “ENTER” key. ( Press “CANCEL” key to exit, and return to the main menu )
- If the LED is blinking, connect the pin programmer jig to the pager 5-slot holes.
- Then press “F3” Key
- The pager number is seen on the LCD screen.

#### 7) Frequency

With this feature, you can choose 16 types of frequency

- At the “Freq” menu, press “ENTER” key
- If the “Freq to Change?” is displayed, press “#1” key to select “Yes” or “#2” key to select “NOT”. Then press “ENTER” key. ( Press “CANCEL” key to exit, and return to the main

menu )

- Use the “F1” or “F2” key to scroll through the frequencies as below.
- Press “ENTER” key to select frequency you want.

#### 8) System ID

With this feature, you can set one of base ID (0~200)

- At the “System ID” menu, press “ENTER” key
- If the “System Base ID” is displayed, press 3Digits to setup its base ID

#### 9) Group ID

With this feature, you can set group ID's (0000~1249).

- At the “Group ID\_1” menu, press 4digits(0000~1249) to setup User's Group ID and “ENTER” key  
: Default Group ID: 911
- If the “Group ID\_2” menu appears, press 4digits(0000~1249) to setup Manager's Group ID  
: Default Group ID: 1249

#### 10) Out of Range ID

With this feature, you can set out of range ID (0000~1249)

- At the “Out of Range” menu, press 4digits(0000~1249) to setup Out of Range ID and “ENTER” key  
: Default Group ID: 0000

#### 11) Baud Rate

With this feature, you can select BPS (512/1200)

- At the “Baud Rate” menu, press “ENTER” key,
- If the “ Baud Rate to Chg” menu appears, press “#1” key to select “Yes”, “#2” key is to select “NOT”, then press “ENTER” key
- Press “#1” key to select “512” or “#2” key to select “1200.” Then press “ENTER” key.

#### 12) Field Test

With this feature, you can send the out of range “off” message one by ten seconds.

- At the “Field Test” menu, press “ENTER” key.
- If the “Field Test?” menu appears, press “#1” key to select “Yes”, “#2” key is to select “NOT”, then press “ENTER” key

### 13) ID Writer

With this feature, you can change the settings (Serial number, Baud Rate, System Base ID, Cap1 -Group ID, Cap2-All Page ID, Cap3 - Out of Range ID, Cap4 - Individual ID).

- At the “ID Writer” menu, press the “Enter” key.

If the LED is blinking, connect the pin programmer jig to the pager programming holes.

- Using these keys ( F1 Key : UP, F2 Key : Down, F3 Key : Read, F4 Key : Write ), you can setup these settings hereinafter.

1. Serial NO.
2. Baud Rate
3. System Base ID
4. Cap1-Group ID
5. Cap2-All Page ID
6. Cap3-Out of Range ID
7. Cap4-Individual ID

## 4. OPERATION

- When you need to alert the pagers, just press “Pager Number” + “SEND” key
- The corresponding pager will be alerted.
- When you return the alerted pager back to the charger base, it’ll stop alerting.

- TO SAVE THE PAGER NUMBERS THAT ARE IN THE WAITING,

With this feature, you can save the pager numbers that you want to page.

The transmitter sends automatically the signals that saved on it.

For example, if you want to page number 1, 2, 3 of pagers,

you may just press “ 1 + ENTER + 2 + ENTER + 3 + ENTER “ key.

Then, the transmitter sends the calling signal automatically every 3 seconds.

(You will see red light right above SEND key each time the transmitter sends the signal.)

## 5. HOW TO USE

### 1) Franchise Restaurant, Hotel Restaurant

(1) Direction for Use

- For calling waiting guests

(2) Process

- If the guests are too many to provide enough seats to them, the staff located in front of the door, hands out the pagers to the waiting guests.
- The waiting guests do shopping, drinking in the café, seating on a seat in the park and waiting for their turns with pager.
- When their turn comes, the waiter will page corresponding pager number.
- If his/her pager is paged, the guest immediately moves to the restaurant and guided their seat.

(3) Merits

- It'll keep the restaurant from confusing their entrance.
- The waiter don't need to use the microphone, the mood will be more quiet and high-quality.
- The waiting guest can utilize their waiting time usefully.

**2) Café**

(1) Direction for Use

- For calling waiting guests

(2) Process

- When the guest comes to the café and order, the waiter will provide the receipt and pager to him.
- The guest will take his seat and wait for his turn.
  - When the drink is ready, the waiter will call the pager number.
  - The guest goes to the pick up place and receives his drink and goes back to his seat.

(3) Merits

- It'll eliminate the discomfort for waiting in front of the pick up place.
- The waiter doesn't need to hurry and prepare the drink in turn.
- If utilizing multiple levels, it'll eliminate the confusion in front of the store

**3) Hospital**

(1) Direction for Use

- For calling waiting patient or families

## (2) Process

- When outpatient goes to the post after registering, the nurse will hand out the pager to the patient.
- When turn is coming, the nurse will page the patient and the patient will enter the medical office.

## (3) Merits

- It's needless to wait in front of the busy medical office and even there are not enough seats to sit on.
- It'll speed up the entrance and reduce the waste time.

# 4) Pharmacy

## (1) Direction for Use

- For calling waiting patient

## (2) Process

- After finishing their medical treatment, the patient will go to the pharmacy to receive their medicine.
- It may take lots of time to receive the medicine because of many waiting patients.
- At this time, the staff will hand out the pager to the patient.
- When turn is coming, the staff will page the patient to inform that the medicine is ready.

## (3) Merits

- While waiting their turn, the patients do not need to wait in the tiny waiting area.
- Instead of waiting in the pharmacy, the patient will go shopping, waiting in the café or park and it'll serve the patient more comfortable.

# 5) Church

## (1) Direction for Use

- For calling guardian

## (2) Process

- When they go to worship, the parent will leave their children to the playroom.
- They receive the pager and enter to the chapel.
- If something is happened to the children during the worship, the playroom manager will page their parent.
- Corresponding parents will move to the playroom immediately, and check whether their children are in trouble or not.

(3) Merits

- It'll keep the chapel quiet and solemn.
- During the worship, the parents have no worries about their children and concentrate on their worship.
- The children can play in the playroom instead of their boring worship.

**6) Car Wash**

(1) Direction for Use

- For calling waiting guests

(2) Process

- When the guest comes to the Car Wash Center to wash their car, sometimes they need some time to wait their turn.
- Then, the staff in the Car Wash will hand out the pager to the waiting guest.
- After finishing Car Wash, the staff will page corresponding car owner.
- The guest who is paged will come to the Car Wash and return back his car.

(3) Merits

- It'll reduce the time to waste in front of the Car Wash.
- The guest can do his business instead of waiting.
- It'll keep the entrance of Car Wash not crowded.