

# MINI RCL CHARGER TRANSMITTER

## Manual

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Alpha Paging System

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User Manual

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With respect to the physical documentation and physical electronic circuitry enclosed herein, Lee Technology warrants the same to be free of defects in materials and workmanship for a period of one year from the date of purchase. In the event of notification within the warranty period of defects in material or workmanship, Lee Technology will replace the defective diskettes, documentation and electronic circuitry. The remedy for breach of this warranty shall be limited to replacement and shall not encompass any other damages including but not limited to loss of profit and special incidental, consequential, or other similar claims.

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# IMPORTANT SAFETY INFORMATION

## RF EXPOSURE STATEMENT

Your Pager Transmitter contains a radio frequency transmitter. When the button is pushed the transmitter sends out RF signals.

CAUTION: To comply with FCC RF exposure compliance requirements, a separation distance of at least 8 inches (20 cm) must be maintained between the antenna of this transmitter and all persons, during normal operation.

The antenna used for this transmitter must not be colocated or operating in conjunction with any other antenna of transmitter.

Unauthorized antennas, modifications, or attachments could damage the transceiver and may violate FCC regulations.

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.

**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
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TECHNOLOGY	<ul style="list-style-type: none"> <li>◦ UHF Technology</li> <li>◦ Perfect for large restaurant and multiple levels</li> </ul>
TRANSMITTER	<ul style="list-style-type: none"> <li>◦ Built-in Clock</li> <li>◦ Wireless Pager Programmability</li> <li>◦ Durable and Sturdy to withstand industry conditions</li> <li>◦ Selectable Frequency, Pager Alert Type, and Alert Time</li> <li>◦ Out of Range</li> <li>◦ Field Test</li> <li>◦ Powered by power supply</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 own Charger Base</li> <li>◦ Advertise with Paddle 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>

### 3) MODEL SPEC

- 1) MODEL : LTA-6465
- 2) Frequency Range : 450Mhz ~ 470Mhz
- 3) Data Rate : 1200&512
- 4) Standard Deviation : + - 3.5Khz below
- 5) Modulation : GFSK
- 6) Channel Spacing : 12.5Khz
- 7) Output Power : 32dBm below
- 8) Code Format : POCSAG
- 9) Dimension : 138mm x 160mm x 30mm
- 10) Weight : 300g , (pager : 92g)

## 2. INSTALLATION

## 1) EQUIPMENT SETUP

### (1) Transmitter

Unwrap all sending unit components. Lock the antenna into the hole in the upper right hand corner of the transmitter. Plug the power supply with the large tip into a standard outlet and plug it into the back of the transmitter. We recommend some type of surge suppressor on the power supply for protection. Power surges are not covered under system warranty.

### (2) Pager

Locate the charger base in a sturdy, out of the way location. Connect the charger bases together using included jump wires. Use the power supply with the small tip and plug it into a standard outlet and into either open plug on the charger base. Be sure to plug the jump wires & power supply jack in all the way.

Insert the pagers into the charger base. The flash of charging indicator next to the number label will be lighted.

You should check a charging indicator appear on each pagers. This light indicates proper charging is taking place.

## 2) Installation of transmitter

Step ❶ Lock the antenna to the right corner of the Mini Transmitter.

(Fit over plug and twist left to lock antenna in place)

Step ❷ Plug the Mini Transmitter A/C adaptor into the Mini Transmitter and then into a standard outlet. A surge protector is recommended.

Step ❸ Mini Transmitter will be fully charged in 4 hours.

## 3. SYSTEM SETTING

### Using SETUP MODE

(1) Setup Mode How to Enter: ↑ Key Press and hold 3 seconds.

(2) Key Operation details

Menu Up - ↑ , Menu Down - ↓ , Enter - Send, Cancel - Send Press and hold 3 seconds,  
number - 0 ~ 9

NO.	SETUP MODE	Function	Remarks
1	bASE	Available only when using the same ADDRESS (0~200)	Base ID
2	g-Id	Ability to set the Group ID	Group ID
3	A-Id	Ability to set the All Page ID	All Page ID
4	bPS	The transmission rate of the signal to display.(512 / 1200)	Baud Rate
5	FrEq	450.000Mhz~ 470.000Mhz	Frequency
6	tyPE	System Mode settings (nor / 10b / 06b)	TYPE
7	Alt	ALERT behavior can be changed (A-00 ~ A-06)	ALERT
8	Altt	ALERT TIME can be changed (t-00 ~ t-06)	ALERT TIME
9	tESt	RANGE TEST MODE	TEST
10	V-XX	model VERSION	VERSION

#### 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.

#### 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 his/hers 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 and the patient will receive their medicine.

(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.