

Please read these
instructions carefully
before setting up your
Guest Paging System!

Guest Paging System LTK-1100 Operating Instructions

Questions? Comments?
Call

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GuestCall Coaster Paging System Instructions(LTK-1100)

Thank you for purchasing the GuestCall Paging System. The most advanced coaster paging system on the market!

EQUIPMENT SET UP

LTK-1100/ AC Adapter/Internal Antenna/manual

Keypad Sending Unit:

Unwrap all sending unit components. Lock the antenna into the hole in the upper right hand corner of the sending unit. Plug the power supply with the large tip into a standard 110 outlet and plug it into the back of the sending unit. **We recommend some type of surge suppressor on the power supply for protection. Power surges are not covered under system warranty!**

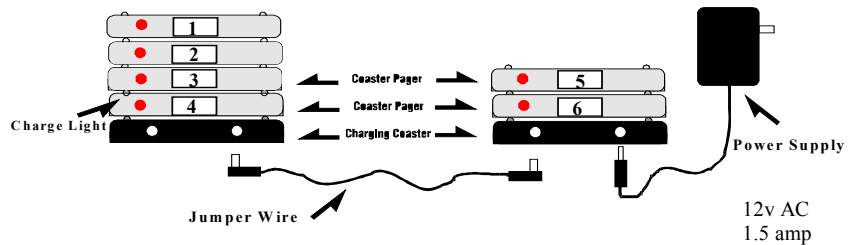
Coaster Setup:

Locate the black charging base in a sturdy, out of the way location. Connect the charger bases together using the included jumper wires. Use the power supply with the small tip and plug it into a standard 110 outlet and into either open plug on the charger base. **Be sure to plug the jumpers & power supply jacks in all the way.**

Stack the coasters on the black charging base. The coaster number will always face front and the red charge indicator light will be on the left.

We recommend that you do not stack coasters more than 15 high.

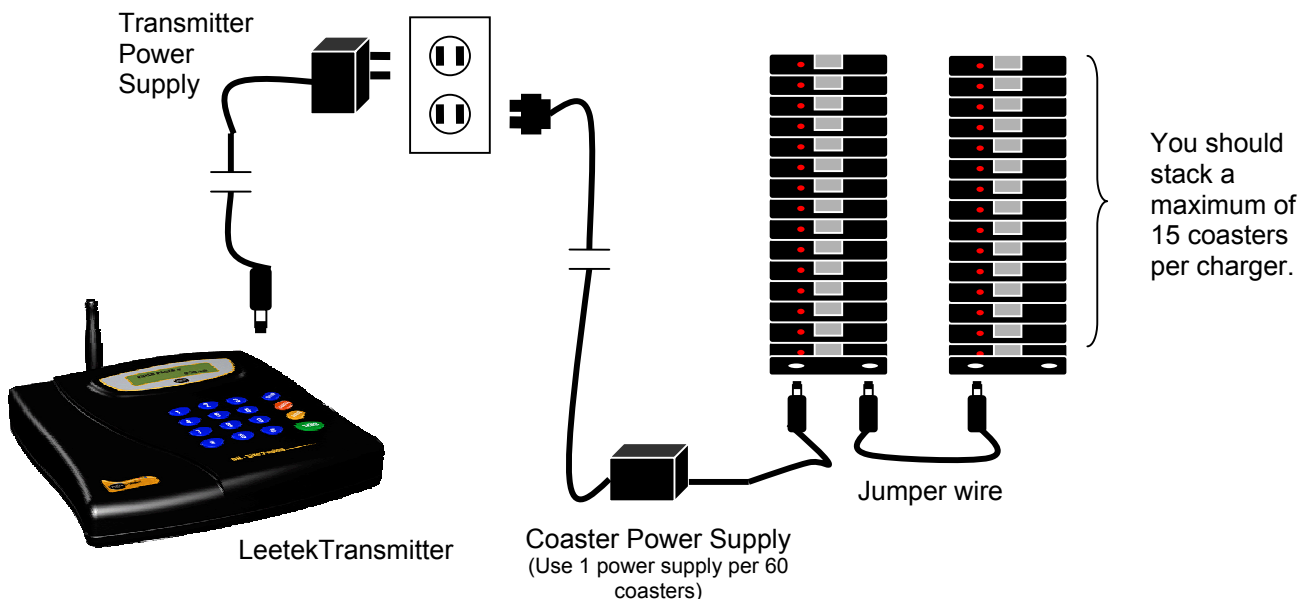
You should see a red light appear on each coaster. This light indicates proper charging is taking place. **NOTE:** A wall mountable coaster holder is available for this system.



Coaster Numbers:

On the front of each coaster is your coaster number.

Surge Protection Recommended!!!



PLACEMENT & MOUNTING INSTRUCTIONS

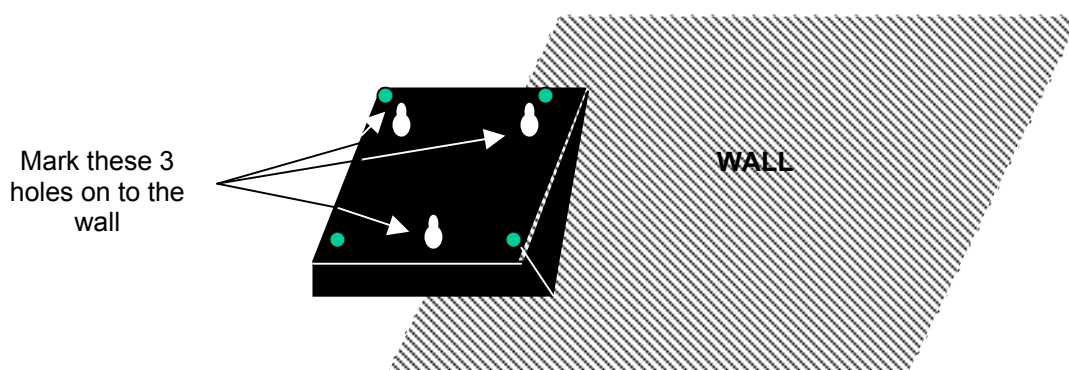
DESKTOP:

You can use your transmitter with the 20 degree wedge attached or remove the wedge and lay the transmitter flat.

WALL MOUNT

To mount your transmitter on a wall:

- Remove the plastic bracket (included) under the transmitter unit by unlocking the 2 latches.
- Place the plastic bracket against the wall and with the aid of a pencil, mark the position of the mounting holes. (Refer to figure below). **Mount the transmitter in a convenient location where a power outlet is available.**



- Drill a hole on the marked position. Install the 3 mounting screws (and use anchors where necessary). Ensure that the screws are not fully tightened so that the unit can be easily removed from the wall.
- Place the transmitter onto the wall (without the plastic bracket). Plug the 2-amp wall transformer into any suitable AC outlet. Plug the power connector into the power jack on the top left hand side of the unit. Transmitter is now ready for use. Be certain to mount the transmitter away from phones, heat, moisture and exposed power circuits. These items can damage your system and shorten transmission range.

System Configuration:

Your system was set at the factory and will function as soon as it is powered up.

Default setup is as follows:

Current time is set

Sleep shutdown on (battery operated pagers will be put to sleep at 1 am everyday)

Range Test is off. (Testing range is only necessary for very large properties)

Coasters are set to Flash & Vibrate when paged.

Duty Alert is off

Out of Range alert is off

**Some major points to remember when installing the equipment:*

-Never install aerials near to overhead power lines or adjacent to telephone or public address or Data communication lines.

-Avoid, where possible, running aerial feeder cables alongside other cables e.g.: telephone and mains.

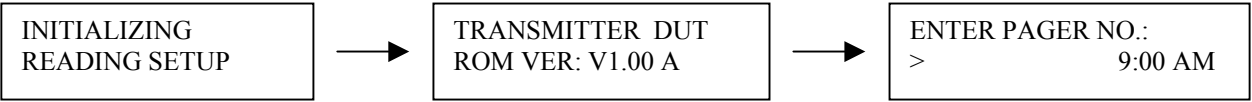
-Avoid mounting the transmitter in the immediate vicinity of telephones, exchanges or computer equipment.

Operation Procedure

LTK-1100 allows and PC RS-232C control.

Step 1. Power on and entering Address

Connect the power Adaptor to AC outlet, and DC out put connector of the Adaptor to LTK-1100 Rear panel DC input connector. When the power is connected to LTK-1100 the system will display the following.



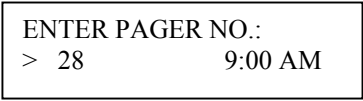
Step 2.Sending Message

After entering the Pager Number (Message), press **SEND** to send the message. The call will Now be transmitted to the receiver unit. Following display will appear on screen during the Message transmission

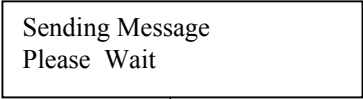
Key Stroke

Display

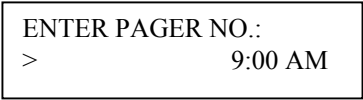
Pager # “28”



“Send”



This stay on for less than 1 sec



Display go back to default display After the page

Step 3.

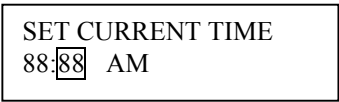
To enter programming mode, press the “SETUP” button and enter the password “1379” followed by “enter”. If the password is accepted, the display will show “use * to scroll to menu options”

1. Set the Current Time



HOUR DIGIT BLINKING

Press Numeric Hour, Press ENTER, automatically go to minutes mode



Press Numeric Minutes
Press Enter, automatically go to AM/PM mode

SET CURRENT TIME 88:88 AM

Press “# “ to change (AM to PM) Press ENTER

2. Set the Sleep Shutdown Time (Factory Default : ON – 1 AM)

This system has an “ALL SLEEP” function that turns off all battery pagers (for example, manager pagers) at once automatically.

To turn this feature off:

- Press “#/Select” key to turn the sleep shutdown “OFF”
- Press enter to go back to the main menu.

To change the shutdown time:

- Press “#/Select” key to turn the sleep shutdown “OFF”
- Set the hour then press “ENTER” key.
- Set the minutes and press “ENTER” key.
- Use the “# /Select” key to select AM or PM.
- After the correct time is set, press the “ENTER” or “* / Menu” key to return to the main menu or press the “CANCEL” key 2 times to exit the system programming menu.

3. Range Test (Factory Default : OFF)

With this feature you can determine what distance your transmitter will cover.

- Remove a couple of coasters from the charging stack.
- At the range test menu, press “#/Select” key to turn range test “ON”.
- Press “ENTER” to start the range test. As soon as range test is activated you’ll notice the coasters flash once every 10 seconds (if you use pagers they will vibrate). Walk around your property. When you reach the point where the coasters do not flash consistently, this is your maximum range
- Press the “CANCEL” key to stop the range test. Press the “CANCEL” key again to exit the system programming menu.

NOTE : The transmitter has an auto shut off feature that will stop the range test after 15 minutes.

4. Set Pager Alert (Factory Default: Flash & Vibe)

With this feature you have the option of changing the way your coasters alert the guest.

Be sure that all coasters are returned before performing this procedure.

To change the alert mode of your coasters follow these instructions:

- Remove all the coasters from the charging unit or unplug the power supply that is connected to the charging bases.
- At the “Set Pager Alert” menu, press the “#/Select” key to scroll through the different alert options.
- After making a selection, press the “enter” key 3 times. After sending the code, the coasters will now respond with your new selection.
- Press “CANCEL” key to exit the system programming menu
- Return all the coasters to the charging base or plug the power supply. The coasters are ready to receive the page with the new alert.

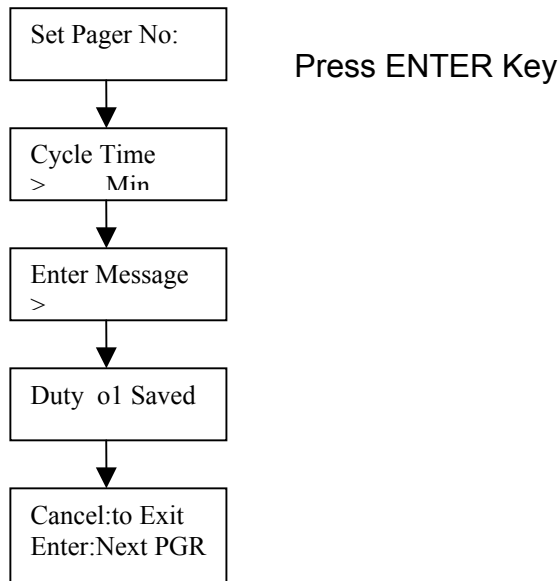
5. Setting the Duty Alert (Factory Default: OFF)

This feature enables your transmitter to send a page, at a preset time, to a certain pager to remind them of a duty required of them. For example, a busser can receive a page every 60 minutes to remind him to check the restrooms.

You can assign up to 3 different pagers to be duty alert pagers.

PROGRAMMING THE DUTY PAGER

- At the “**Duty Alert**” menu, press “**#/Select**” key to turn the duty cycle “**ON**” and press the “**ENTER**” key.
- Enter the duty pager number and press “**ENTER**” key.
- Enter the cycle time (in minutes) and press the “**ENTER**” key.



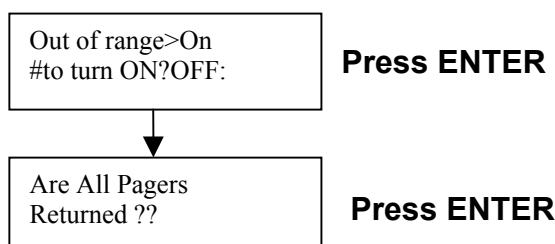
6. Setting the “Out of Range” (for coasters only) (Factory Default: OFF)

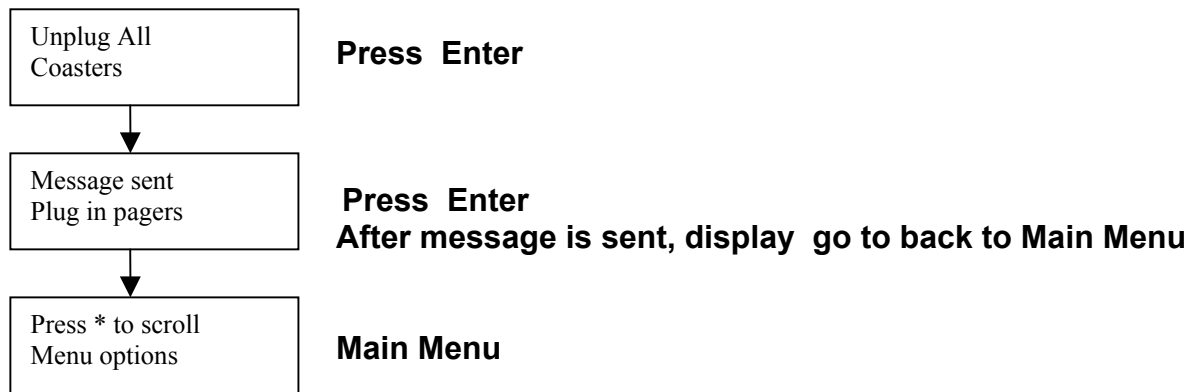
With this feature, the coasters will play a melody when taken out of range of the transmitter to inform the guest that they are out of range and will miss their page. The melody will only stop, when they return back within range.

Be sure that all coasters are returned before turning out of range on or off.

TURNING THE OUT OF RANGE ON

To test the coasters with out of range on, unplug the power supply, that is connected to the transmitter. After 45 – 60 seconds, all the coasters will play a melody since they are not receiving a signal from the transmitter. Plug in the power supply back into the transmitter. After a few seconds, all coasters will stop playing the melody. Return all the coasters to the charging base or plug the power supply. The coasters are ready to receive the page with the out of range feature turned on.

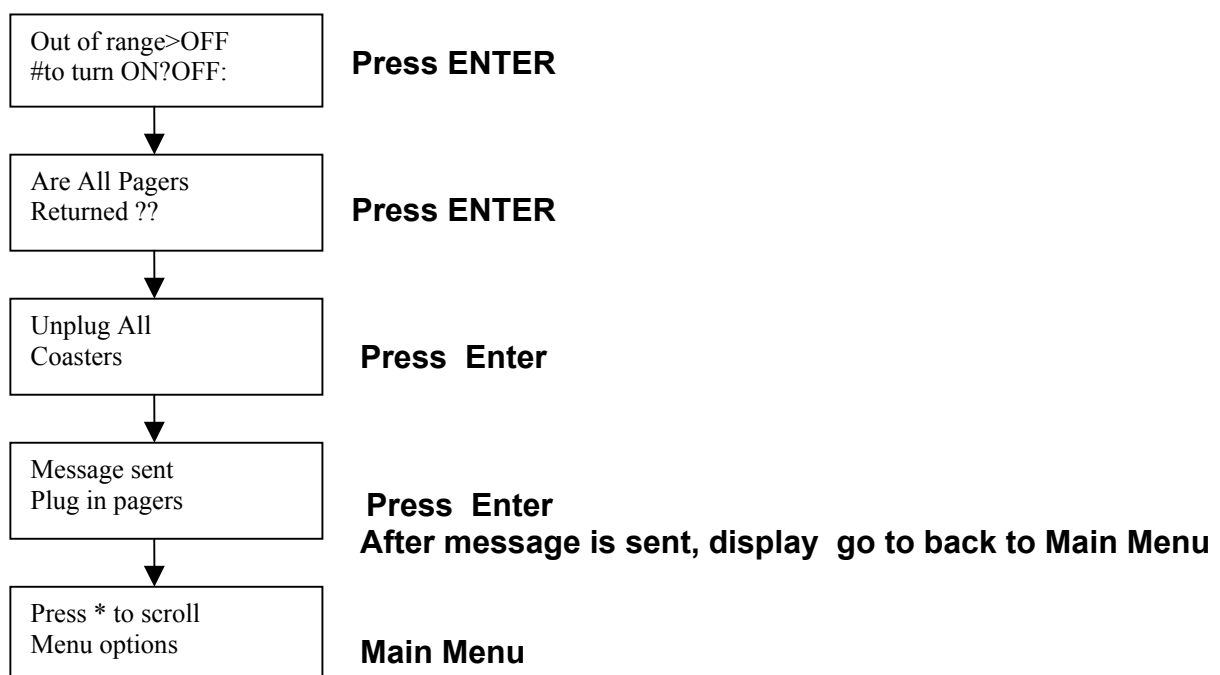




TURNING THE OUT OF RANGE OFF

- Remove all the coasters from the charging unit or unplug the power supply that is connected to the charging base
- At the “**Out of Range**” menu, press “**#/Select**” key to turn the out of range **OFF**.
- Press “**ENTER**” key 3 times. After sending the signal, all the coasters will light up once to tell you that they received the new code.
- Press “**CANCEL**” key to exit the system programming menu.

To test the coasters with out of range off, unplug the power supply, that is connected to the transmitter. After 30 - 45 seconds, all the coasters should not play the melody since the out of range were turned off. If all or some of the coasters are playing the melody, repeat the procedure above. If none of the coasters are playing the melody, return all the coasters to the charging base or plug the power supply. Plug the power supply of the transmitter. The coasters are ready to receive the page with the out of range feature turned off.



Specification

Model:LTK-1100 (Pager transmitter)

Pocsag code

Carrier frequency:

457.5750Mhz + /- 200Hz

Frequency Range:450.3250MHz – 467.7500Mhz

Effective Range: Up to 1/2 mile with standard aerial

Stability: +/- 1.5ppm –10⁰ C to 50 ⁰C, +/- 1.0ppm /year Aging

FM Modulation

Deviation: 4.5khz

FM Accuracy: +/- 5% 4.275< 4.5 < 4.725

Data rate : 1200BPS, 600Hz +/-5Hz

Residual FM:Less than 5Hz, 300Hz HPF and 3kHzLPF

RF Out put: 27dbm +/- 1db Maximum (0.5W)

Message: Numeric, 12digit Maximum

Address Range:0001 to 1249

Frequency and data rate setting: Through RS-232 connector.Computer program is included.

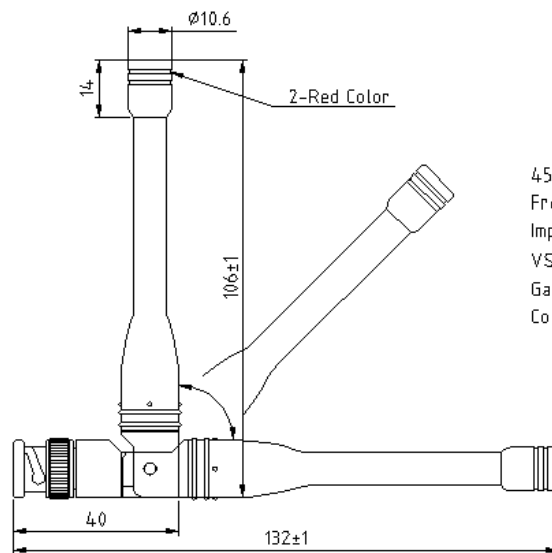
Address Abbreviation :Pager Addresses are shortened to 3 digit through RS-232C connector. Computer program is included.

RF ON/OFF:RF is ON only during the Pager No(message) transmission, Number/ ADDRESS entered and SEND key pressed.

Power: DC 9V, 1A, AC Adapter

Dimension: W(185) x D(190) x H (51.5)

Weight: 0.8kg



457 Mhz Helical Antenna
 Frequency Range : 455 - 460 Mhz
 Impedance : 50 Ohms (Nominal)
 VSWR : Better than 1.5:1
 Gain : 0 ± 0.5 dBi
 Connector : BNC (Male)