# T9101 & Cancel Panel

**Paging System Transmitter** 

## USER MANUAL



Installation, Warranty and Service Information



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## Table Of Contents

The T9101	3
Installation	3
Hardware Provided	3
Optional Hardware	3
Hardware Setup Procedure	3
Overview of T9101	7
Keypad	7
Antenna	8
Rest Terminals	8
Status LED	8
System Specifications	8
Using the T9101	9
Time and Date	9
Paging	9
Cancel Page	9
User Preferences	10
Display Current Settings	10
Antitheft	10
Display Clock	11
Vibe Level	11
Keytone	11
Preset Message	12
Repaging	13
Repeater Delay	13
Duty Pager	13
Restaurant ID	13
Station ID	14
POCSAG (FM) Start	14
Edit Manager Pager Number	14
Reset to Factory Default	14
Server Statistics	14
Range Test	16
Find ID	16
Three Digit POCSAG Paging	16
Pager Programming	17

T9100 Cancel Panel	18
Overview of T9100 Cancel Panel	18
Keypad	18
Using the T9100 Cancel Panel	19
Paging	19
Cancel Page	19
User Preferences	20
Paging from Cancel Panel	20
Associating the T9100 Cancel Panel to T9101	21
Changing Transmitters as 2.4 GHz Master	21
Service Questions and Answers	22
LRS PAGERS AVAILABLE FOR THE T9101	23
USING THE SP5	23
Charging	23
Menus	23
Settings	25
Messages	25
Time	25
Reprogramming and Reset	25
USING THE LRS ALPHA E467	<b>26</b>
Menus	26
Power On/Off	26
Read Message	27
Delete Messages	27
Time/Date Set	27
Set Contrast	27
Auto ON/OFF	27
Set Keytone On/Off	27
Select Alert	28
USING THE STAR PAGER	29
Charging	29
Messaging	29
Cleaning & Charging Instructions for LRS Paging Equipment	30
Warranty	31
Terms & Conditions	32

## THE T9101 Installation:

#### Hardware Provided

Each transmitter kit contains the transmitter, Instruction Booklet, two antenna, one 12VDC 1.5A power adaptor, one Staff Name board, and four mounting bracket kits.

#### **Optional Hardware**

The T9101 and T9100 Cancel Panel have the ability to print a server report to a POS Printer. Contact LRS if you wish to purchase a printer.

#### **Hardware Setup Procedure**

- 1. Remove all items from their packaging.
- 2. Locate the silver connector on the top of the transmitter. Twist the antenna (about 3" long, BNC, silver bottom) onto the connector.
- 3. Locate the gold connector on the top of the transmitter. Twist the antenna (about 4" long, SMA, bends at right angle) onto the gold connector.
- **Note:** Both antennas must be attached before turning on transmitter. Do not remove either antenna at any time due to risk of damage.
  - 4. Mount the power supply in convenient location with access to 110V power.

#### **Mounting the Transmitter**

The T9101 is designed to be mounted in various ways to accommodate the kitchen environment: to a horizontal surface (i.e. table, counter, shelf), to a vertical surface, or hanging to a wall or stand.

*Caution:* Mounting with the antenna near any large metal objects will degrade the operating range.

To place on a wall or stand, locate the four slots on the mounting plate. Then align four wall anchors (5mm diameter) into the wall to the mounting plate.



### Panel and Wall Mount

For mounting to surfaces, place the mounting brackets into the captive nuts for either horizontal or vertical mounting. There are two sets of 4 captive nuts for mounting to horizontal surfaces, and one set of captive nuts for mounting to vertical surfaces.





- 3. Adjust the distance between clamps until fits to the mounting surface.
- 4. Tighten screws.





### **Power Connection**

- 1. Plug the power supply into a standard 110V outlet and the barrel connector end into the jack on the side of the transmitter.
- 2. Upon completion of the setup, make sure pagers are fully charged.

## Overview of T9101



## Keypad

#### **Function Keys**

The function keys are located along the bottom row of the T9101.

- >30 used to page pagers whose number is 31 through 99.
- M1 & M2 used to page and program Manager Pagers.
- 86 "All Call" button used to page all pagers.
- CLR used to clear an entry or to back up one menu level.
- PROG press once to program pagers, press a second time to access the menu functions.
- ENT used to enter functions.

#### **Vibration Keys**

V1, V2 and V3 select the number of vibrations a pager will respond with. This button is pressed before paging a pager. Sends message 1, 2 or 3 to Alpha pagers.

#### Number Keys

Number keys 1 through 30 located along the center row. Number 10 is also 0 when Programming, using the Menus, or paging pagers greater than 30.

#### Antenna

The T9101 utilizes 2 antennas when transmitting.

A UHF antenna, located to the user's left, is used to communicate with the LRS pagers.

A 2.4 GHz antenna, located to the user's right, communicates with the T9100 Cancel Panel.

#### **Reset Terminals**

The Reset Terminals are located to the user's left side on the transmitter. These are used to reset a pager for programming.

#### **Status LED**

This LED will light green to indicate that the T9101 is sending information to the pagers or T9100 Cancel Panel.

#### **System Specifications**

**Notice:** Operation is subject to the following:

- This device may not cause interference
- This device will accept any interference including interference that may cause undesired operation of the unit.

Required Voltage: Operating Frequency: Radiated Power: Operating Range: One 110/220V outlet for the T9101 transmitter 420-470 MHz < 4900 micro-volts/meter Dependent upon pagers used

## Using the T9101

### Time and Date

#### **Initial Power Up**

During power up, to enter the time and date:

- At [enter time], enter the hh mm (hour, minute) using the number keys, and then press ENT.
- Press 2 for AM or 10 for PM.
- At [date], enter the mm dd yy (month, day, year) using the number keys, and then press ENT.

#### **Clock Menu**

The time and date can also be set from the Clock menu by:

- Press PROG PROG 1.
- Select [set] by pressing 6.
- At [enter time], enter the hh mm (hour, minute) using the number keys, and then press ENT.
- Press 2 for AM or 10 for PM.
- At [date], enter the mm dd yy (month, day, year) using the number keys, and then press ENT.
- If done, press 6 for Yes, if not, press 10 for No.

**Note:** The transmitter will use a default selection of "Yes" after 30 seconds of inactivity.)

#### Send Time

This feature will automatically send the current time and date to the pagers every 15 minutes. The default setting is OFF.

To enable:

- Press PROG PROG 1.
- Select [send] by pressing 10.
- At [Auto] press 6 for ON.
- If done, press 6 for Yes, if not, press 10 for No.
- To disable:
  - Press PROG PROG 1.
  - Select [send] by pressing 10.
  - At [Auto] press 10 for OFF.
  - If done, press 6 for Yes, if not, press 10 for No.

#### Paging

- 1. To page pagers 1 through 30, press the pager number and the unit pages automatically.
- 2. To page pagers 31 through 99:
  - Press >30.
  - Enter the pager number up to 99 (using 1 9 and 10 [as zero]).
  - Press the ENT key.

#### All Call

If all staff pagers need to be called at once, press the 86 key.

#### **Manager Pagers**

To page the managers, press the M1 for the #1 manager pager or M2 for the #2 manager pager.

#### **Cancel Page**

To clear/cancel a pager to the server:

## **User Preferences**

The T9101 will come with factory settings for normal operating use. Some features can change per the user's custom needs.

## **Display Current Settings**

To view the current settings for the transmitter:

- Press PROG PROG 16.
- Press ENT to scroll through each item:
- Date
- Restaurant ID Number
- Station ID Number
- FM Start point
- Pre-canned Message
- Repage interval
- M1 (Manager 1) information
- M2 (Manager 2) information
- Duty Pager information
- Router Set
- Cancel Panel set to page (yes or no) (Note: Only seen on Cancel Panel)
- UHF Master
- T9101 is set to Master (yes or no)
- Node ID
- Pan and Channel ID
- Channel Scan is on or off
- Synched on or off
- Beeper (keytone) is on or off
- Code Version
- Error Count
- If done, press 6 for Yes, if not, press 10 for No.

### Antitheft

**Note:** This feature is ONLY for text pagers.

This feature will make a pager beep and/or vibrate continuously if goes beyond the range of the transmitter.

To enable:

- Press PROG PROG 4.
- At [theft] press 6.
- If done, press 6 for Yes, if not, press 10 for No.

To disable:

- Press PROG PROG 4.
- At [theft] press 10.
- If done, press 6 for Yes, if not, press 10 for No.

## **Display Clock**

The default setting for the clock is ON during normal operation.

To disable:

- Press PROG PROG 10.
- Press 10 to select the Clock sub-menu.
- At [cloc] press 10.
- If done, press 6 for Yes, if not, press 10 for No.

To enable:

- Press PROG PROG 10.
- Press 10 to select the Clock sub-menu.
- At [cloc] press 7.
- If done, press 6 for Yes, if not, press 10 for No.

## Vibe Level

The default Vibration Level for pagers can be set via:

- 1. Pressing the V1, V2, or V3 buttons for levels 1, 2, and 3 respectively.
- 2. From the menus:
  - Press PROG PROG 12.
  - Enter a value of 1, 2, or 3 from the keypad
  - If done, press 6 for Yes, if not, press 10 for No.

## Keytone

The transmitter default is for tones to sound with each key press.

To disable:

- Press PROG PROG 22.
- At [beeper] press 10.
- If done, press 6 for Yes, if not, press 10 for No.

To enable:

- Press PROG PROG 22.
- At [beeper] press 6.
- If done, press 6 for Yes, if not, press 10 for No.

### **Preset Message**

The LRS transmitters come with a list of preset messages that can be sent to Alpha Pagers. To edit which message is sent:

- Press PROG PROG 13.
- Enter the preferred message from the table, then press ENT.
- If done, press 6 for Yes, if not, press 10 for No.

#### **Pre Loaded Messages**

000	Phone Call	020	Starter	040	Door	060	Car
001	Sales Call	021	Service drive	041	Survey	061	Bus
002	Manager	022	Showroom	042	T-nnn Q-mm	062	Bay
003	Customer	023	Parked Call	043	Break	063	Low battery
004	Room	024	Voice Mail	044	Fire	064	Error
005	Visitor	025	Dressing room	045	Unit	065	Exit
006	call Ext	026	Price check	046	Window	066	Fax
007	MTG Room	027	Department	047	Nurse	067	host
800	Lane	028	Cashier	048	Register	068	Space
009	Aisle	029	Office	049	Owner	069	Location
010	Void	030	Table	050	Check	070	Nursery
011	Stamps	031	Winner	051	Drink	071	Teller
012	Change	032	Pickup	052	Food	072	Officer
013	Station	033	Dock	053	Service	073	Buffet
014	Machine	034	You have mail	054	Seat	074	Diaper change
015	Operator	035	Table ready	055	Booth	075	Child crying
016	Emergency	036	No special	056	Lobby	076	To nursery
017	XX Minutes	037	Hole	057	Help		
018	Тее	038	Kitchen	058	Restroom		
019	Pro Shop	039	Bar	059	Valet		

### Repaging

Repaging sends repeated messages to the pagers.

**Note:** This feature requires use of an associated Cancel Panel to work.

#### Server

To set the re-page time for Server pagers:

- Press PROG PROG 6.
- Press 1 for Re-page.
- At [time] use the number keys to enter as mm ss (minute, seconds), then press ENT. The screen will briefly show the updated re-page time.

• If done, press 6 for Yes, if not, press 10 for No.

#### Manager

To set the Manager to be paged once after the third re-page:

- Press PROG PROG 6.
- Press 10 for More.
- At [mgr] press 6 for Manager
- Press 5 to turn On.
- If done, press 6 for Yes, if not, press 10 for No.

To turn Off the Manager to be paged:

- Press PROG PROG 6.
- Press 10 for More.
- At [mgr] press 6 for Manager.
- Press 10 to turn Off.
- If done, press 6 for Yes, if not, press 10 for No.

### **Repeater Delay**

When using a repeater it may be necessary to add a delay between pages when paging multiple pagers to allow the repeater time to repeat the signal and detect the next one. Default setting is OFF.

To add repeat Delay:

- Press PROG PROG 6.
- Press 10 for More.
- Press 10 for repeater.
- At [rPt], press 6 for ON to enable the Repeat Delay. Press 10 for OFF to disable Repeat Delay.
- If done, press 6 for Yes, if not, press 10 for No.

### **Duty Pager**

The duty pager is used to remind someone of a periodic repetitive task. To setup:

- Press PROG PROG 7.
- At [duty] Press 6 for On. (After 10 seconds, the screen will default to Off.)
- Enter the Duty Pager number with the keypad, then press ENT.
- Enter Vibe Level (value of 1, 2, or 3), then press ENT.
- Enter the re-page time as hh mm (hours, minutes), then press ENT.
- Screen will briefly display the new settings.
- If done, press 6 for Yes, if not, press 10 for No.

To disable the Duty Pager:

- Press PROG PROG 7.
- At [duty] Press 10 for Off.
- If done, press 6 for Yes, if not, press 10 for No.

### **Restaurant ID**

The ID of the Restaurant system. Set if more than one LRS system is in an area to prevent interference. To set:

- Press PROG PROG 14.
- At [rest ID], enter a value from 0 to 9, and then press ENT.

• If done, press 6 for Yes, if not, press 10 for No.

## **Station ID**

The station that will be displayed on a pager if more than 1 station is in use. To set:

- Press PROG PROG 11.
- At [stn ID], enter a value from 0 to 9, and then press ENT.
- If done, press 6 for Yes, if not, press 10 for No.

### **POCSAG (FM) Start**

- Press PROG PROG 8.
- Select [FM Start] by pressing 1 (Note: A 10 second delay will default to FM Start)
- Set the start point at value from 00 to 99, and then press ENT.
- If done, press 6 for Yes, if not, press 10 for No.

### **Edit Manager Pager Number**

In the event the Manger's pager numbers are changed, to change the T9101:

- Press PROG PROG M1. (or M2)
- At [MGR1 num], enter the new manger number from the keypad (value from 0 to 99), then press ENT.
- Enter the Vibration Level (Value of 1, 2, or 3), then press ENT.
- If done, press 6 for Yes, if not, press 10 for No

### **Reset to Factory Default**

**Note/Caution:** If you reset the T9101 to factory defaults the system ID, vibration mode, and station ID could be reset and you may have to re-set these to work with your existing pagers. If you still want to proceed with this function, do the following:

- Press PROG PROG 21.
- At [reset] press 6 for Yes. (Press 10 for No to keep current settings.)
- If done, press 6 for Yes, if not, press 10 for No.

### **Server Statistics**

The T9101 can track the daily statistics of the number of times a server was paged, the server's average response, and the number of times a manager is paged.

To enable Server Statistics:

- Press PROG PROG 23.
- At [Stats], select ON.
- Enter the start time (example 3 for 3 AM or 3 PM) and then press ENT.
- Select AM or PM.
- The transmitter's memory will clear.
- If done, press 6 for Yes, if not, press 10 for No.

Note:

- At the set time, the daily report will print to the POS Printer.
- At the set time, the memory will also clear to begin a new set of daily statistics.

To disable the Server Statistics:

• Press PROG – PROG – 23.

- At [Stats], select OFF.
- If done, press 6 for Yes, if not, press 10 for No.

#### **Printing Statistics**

**Note:** Server Stats needs to be turned ON before Stats can be viewed or printed. The transmitter must be set as UHF Master.

The current POS Printer supported for the T9101 is the Star TSP650.

The connection between the transmitter and printer is a "Straight-Through". This is achieved with a standard DB9 to DB25 adaptor connected to the back of the printer, and on LRS Provided Serial cable to connect the printer to the transmitter.

If the user attempts to use a "Null Cable" between the printer and the transmitter, a "Null Modem" will need to be added in-line to correct the connection.

To print a current view of the Server Statistics:

- Press PROG PROG 24.
- Enter a server number and press ENT.
- Select PRINT.
- The statistics will now print.
- If done, press 6 for Yes, if not, press 10 for No.

**Note:** The Statistics will also print at the time set in the Stats menu.

#### **Example Print**

Date: Time:

#### Server Response Report

Svr	Pages	A.R.T.	Mgr
1	5	00:44	02
5	4	00:29	01
12	3	00:15	
17	4	00:25	01

-----

Svr = Server Pager = # of pages in last 24 hours A.R.T. = Average Response Time Mgr = # of times manager was paged

#### **Viewing Statistics**

To View the current Server Statistics:

- Press PROG PROG 24.
- Enter a server number and press ENT.
- Select VIEW.
- Press ENT to scroll through the list of servers. (The list will start at the number entered and will continue to the end of the list or until CLR is pressed.)
- If done, press 6 for Yes, if not, press 10 for No.

#### **Example Statistics View:**

Server#	# of Pages in 24 hr Period	Average Response time (mm:ss)	# of Times Manager Paged
1	05	00:44	02

## **Range Test**

This can be used to determine the effective range of the T9101 in your environment. To start the range test:

- Press PROG PROG 8.
- Select [range] by pressing 10. The Range Test will begin automatically.
- Stop the Range Test by pressing any button.
- If done, press 6 for Yes, if not, press 10 for No.

### **Find ID**

- Press PROG PROG 10.
- Select [ID] by pressing 1. (Note: A 10 second delay will default to ID.)
- To start locating the ID, press 7 for Yes. (To not locate the ID, press 10 for No.)
- The transmitter will begin by transmitting on ID 0 (zero). If the pager received the page, at the prompt [receive] press 7 for Yes. If not, press 10 for No. The transmitter will automatically increment to the next ID and page. Repeat this step until the pager receives the page.
- If done, press 6 for Yes, if not, press 10 for No.

## Three Digit POCSAG Paging

If using the T9101 in an LRS system with Group Programmed POCSAG Pagers, the Group Paging mode will allow the T9101 to page the three digit individual pager number of the POCSAG Pager.

When this mode is turned on, numbers on the keypad and display are treated as +100. (ex: Pressing 22, the LED Display will show 22, pager #122 will be paged.)

**Note:** Turning on this mode will not enable support to page Group Numbers 1-99. The transmitter will only page individual numbers 100-199.

To turn on Group Paging Support:

- Press PROG PROG 20
- Press the button under Yes
- If done, select Yes (Button under Yes), if not select No (Button under No)

## Pager Programming

Star and Alpha Pagers can be reprogrammed from the T9101 transmitter. If the pagers need to have their identification code reprogrammed, contact LRS before proceeding. The following is the basic procedure to use:

#### For Server Pagers:

- 1. Be sure to set the T9101 for the System ID in use.
- 2. Be sure the POCSAG (FM) start is correct for the pagers in use.
- 3. Reset the pager:
  - Rechargeable pagers are removed from the charger (or touched to the reset terminals. They stop vibrating when reset is complete.)
  - Battery powered pagers reset when turned off and then back on (or remove and replace battery).
- 4. Press PROG- # ENT (# is the pager number 1 through 99).
- 5. After the pager responds, page it to ensure it programmed okay.
  - Star pagers will do one glow mode cycle.
  - Alpha pagers will beep 4 times.

#### For Manager Pagers:

- 1. Be sure to set the T9101 for the System ID in use.
- 2. Be sure the POCSAG (FM) start is correct for the pagers in use.

## T9100 CANCEL PANEL

## **Overview of T9100 Cancel Panel**



## Keypad

#### **Function Keys**

The function keys are located along the bottom row of the Cancel Panel.

- M1 & M2 used to page and program Manager Pagers.
- 86 "All Call" button used to page all pagers.
- CLR used to clear an entry or to back up one menu level.
- PROG press once to program pagers, press a second time to access the menu functions.
- ENT used to enter functions.

#### **Vibration Keys**

V1, V2 and V3 select the number of vibrations a pager will respond with. This button is pressed before paging a pager. Sends message 1, 2 or 3 to Alpha pagers.

#### **Cancel Keys**

The row of keys located below the display. These keys will cancel a call to the pager number shown on the display immediately above the respective key. The Cancel Keys also are used during menu selection.

## Using the T9100 Cancel Panel

## Paging

To page pagers 1 though 99 enter the 2 digit number of the pager.

The transmitter can page up to 16 pagers at one time without using the 86 "all call" button.

When paged, the pager number will show on Cancel Panel display. If not canceled, the pager number will begin to flash after the first re-page time expires. The pager number will flash faster after the second re-page time expires.

## **Cancel Page**

To Cancel a page, press the Cancel Key immediately under the number of the pager.

If using a Cancel Panel with T9101, the pager number may be canceled from the Cancel Panel or by pressing CLR then the pager number on the T9101.

## **User Preferences**

The T9100 Cancel Panel operates as a "Slave" to the T9101. Many settings are transmitted to the Cancel Panel via the T9101.

To edit preferences, refer to the User Preferences of the T9101. Note: To enter selections greater than 10, the user will need to enter as two numbers. Example, enter 15 by pressing 1 and then 5.

### **Paging from Cancel Panel**

This feature enables or disables the Cancel Panel from paging pagers. This feature is only available and only set on the Cancel Panel. The default setting is On to page pagers. To disable:

- Press PROG PROG 1 7 ENT.
- At [CP Paging] press the cancel button under OFF.
- If done, select Yes (button under Yes), if not, select No (button under No.)

To enable

- Press PROG PROG 1 7 ENT.
- At [CP Paging] press the cancel button under ON.
- If done, select Yes (button under Yes), if not, select No (button under No.)

## Associating the T9100 Cancel Panel to T9101

- 1. Apply power to T9101 and allow it to boot up.
- 2. While T9101 is booting, apply power to the Cancel Panel and allow it to boot up.
- 3. The transmitter times should synchronize.

If a Canel Panel does not synchornize and associate.

- 1. On T9101, press PROG PROG 29 to start Associate mode. NOTE: The T9101 will stay in Associate for 2 minutes.
- 2. On Cancel Panel, press PROG PROG 2 9 ENT to start Associate mode. When the Cancel Panel associates, it will display :
  - Attempt Join
  - PAN Found
  - Then display channel and Pan ID.

## Changing Transmitter as 2.4 GHz Master

Any T9101, T9100, or T9100 can act as a single coordinator for the 2.4 GHz network, synchronizing most setting and clocks for all transmitters.

To Set a Transmitter as Master:

- 1. Press PROG-PROG-25 (T9101) or PROG-PROG-2-5 (T9100/CP).
- 2. Select YES.
- 3. The transmitter will now restart and display the time and date entry. Enter the time and date.

If another transmitter in the network does not successfully change form "Master" to "Slave" status on T9101.

- 1. Press PROG-PROG-30 to release from Network.
- 2. Press 7 for YES. Transmitter will restart and enter Associate Mode.
- 3. On "Master" of network Press PROG-PROG-29 (T9101) or PROG-PROG-2-9 (T9100/CP) to enter Associate Mode.
- 4. If T9101 does not initially associate, Press PROG-PROG-29 to enter Associate Mode.

## SERVICE QUESTIONS AND ANSWERS

Should your paging system ever fail or should you need additional paging supplies, call Long Range Systems at (800) 437-4996.

## **Normal Business Hours**

Monday - Friday 8:30 am to 5:00 pm Central Time.

### Weekend or Night Emergencies:

- Long Range Systems has 24/7 live technical support available.
- Please keep in mind that replacement options are limited over the weekend.

## LRS PAGERS AVAILABLE FOR THE T9101

(These pagers are sold separately)

SP5 Rechargeable Alpha LRS Alpha E467 Star Rechargeable Pager

## **USING THE SP5**



#### Charging

Any rechargeable pager will require use of an LRS charger. The SP5 uses the Charger 5 (CH-R5)

- 1. Place the pager in the charger
- 2. Allow unit to charge fully overnight (at least 24 hours)
- 3. Remove from charger and the pager will vibrate or beep
- 4. The LCD will show:
  - C1: [System ID] Pager ID (Ex. C1: [0] 91)
  - Programming Active
  - Blank screen or Date and Time (if set) (Ex. 10/07/2008 12:05 am)
- 5. Return the pager to the charger at the end of each day

#### Menus

To access the vibe/contrast menu:

1. Remove the pager from the charger.

2. While vibrating or beeping, press and hold the Select button for 8 seconds.

The menu will display:

VIBE CONTRAST

3. If you PRESS and RELEASE the Select Button, the menu selector will scroll to the right and will highlight "Contrast



- 4. To exit this menu wait 8 seconds
- 5. To re-enter the vibe/contrast menu at anytime, repeat Step 1

#### Vibe

#### To set the Vibration Level:

- 1. Remove the pager from the charger
- 2. While vibrating or beeping, press and hold the Select Button for 5-8 seconds
- 3. Highlight the Vibe selection then PRESS and HOLD the Select Button until the screen shows.



- 4. Press or hold the Select Button until the desired vibration level is selected
- 5. If holding down on the Select Button, the vibe level will increase to max and then decrease towards the minimum
- 6. Release the Select Button when desired vibration level has been reached
- 7. To exit, wait 8 seconds and the pager will go back to the vibe/contrast menu



#### Contrast

#### To set the Contrast Level

- 1. Remove the pager from the charger
- 2. While vibrating or beeping, press and hold the Select Button for 5-8 seconds
- 3. Highlight the Contrast selection then PRESS and HOLD the Select Button until the screen shows.



- 4. Press or hold the Select Button until the desired contrast is selected
- 5. If holding down on the Select Button, the contrast level will increase to Max (NOTE: screen could be dark and hard to read)
- 6. Release the Select Button and press or hold again to change the level back towards the minimum or until your desired contrast is selected
- 7. To exit, wait 8 seconds and the pager will go back to the vibe/contrast menu



8. To exit this menu wait 8 additional seconds

#### Settings

#### To view the current pager settings

- 1. Remove pager from the charger or reset on the T9601, T9100, or T9101 reset terminals.
- 2. Press the Select Button repeatedly to scroll through the settings:
  - C1: [System ID number] and Pager ID number
  - C2: [System ID number] and All Page number
  - C3: [System ID number] and System ID number
  - G: Group number
  - Enc: Encryption enabled (128) or none
  - Ver: Current Firmware Version
- 3. To exit, wait 8 seconds.

#### Messages

The pager stores the last 5 received messages.

#### To view the messages:

- 1. At the (blank screen/time & date) menu display, press the Select Button once
- 2. Messages 2 lines in length will show a > symbol at the end of the first line and a < symbol at the beginning of the second line
- 3. Messages over 2 lines in length, the middle lines will show "< the next line of the message >"
- 4. Press the Select Button to continue scrolling forward through the message or messages

#### Time

Pager will display the current time. This feature is automatically updated by the T9101 transmitter. If the time does not appear, a flashing star will appear on the right side of LCD to show pager is operational.

#### **Reprogramming and Reset**

To reset and reprogram the pager, see Pager Programming of this document.

## **USING THE LRS ALPHA E467**



### Menus



#### **Selecting functions**

- 1. From Read All screen, press Up (or Down) Scroll button until desired selection displays
- 2. Press Read/Select button to select item
- 3. Press Up (or Down) Scroll button to choose/adjust
- 4. Press Read/Select to confirm/set

#### Power On/Off

#### Set ON (if unit is off)

- 1. Press and hold Scroll Up until YES/NO shows.
- 2. At "Power ON?" use Up (or Down) Scroll button to select YES
- 3. Press Read/Select button to set

#### Set OFF

- 1. Using the Up (or Down) scroll button scroll until display shows "Power OFF?"
- 2. Press Read/Select button to set power on/off
- 3. At "Power OFF?" screen, use Up (or Down) Scroll button to select YES
- 4. Press Read/Select button to set

#### **Read Message**



- Messages are displayed upon receipt.
- Press Read/Select to display.

#### To review stored messages:

- 1. Select "Read All?"
- 2. Press Read/Select to display messages and time stamps
- 3. Use the Up (or Down) Scroll button to scroll through messages

#### **Delete Messages**

- 1. Using the Up (or Down) scroll button, scroll until display shows "Delete All?"
- 2. Press Read/Select
- 3. Use the Up (or Down) scroll button to select Yes or No
- 4. Press Read/Select button to confirm

#### **Time/Date Set**

- 1. Using the Up (or Down) scroll button scroll until display shows "Set Time/Date"
- 2. Press Read/Select to set time/date
- 3. Press Up (or Down) scroll button to set each time or date segment and press Read/Select to move through the segments

#### **Set Contrast**

- 1. Using the Up (or Down) scroll button scroll until display shows "Set Contrast"
- 2. Press Read/Select
- 3. Use the Up (or Down) scroll button to adjust
- 4. Press Read/Select to confirm

#### Auto ON/OFF

- 1. Using the Up (or Down) scroll button scroll until display shows "Auto ON/OFF"
- 2. Press Read/Select to set auto on/off
- 3. Use the Up (or Down) scroll button to select **On** or **Off**
- 4. Press Up (or Down) scroll button to set on/off time and press Read/Select to move through the segments

#### Set Key Tone On/Off

- 1. Using the Up (or Down) scroll button scroll until display shows "Set Key Tone"
- 2. Press Read/Select to set key tone on/off
- 3. Use the Up (or Down) scroll button to select On or Off
- 4. Press Read/Select to set

#### Select Alert

- 1. Using the Up (or Down) scroll button scroll until display shows "Set Alert Mode"
- 2. Use the Up (or Down) scroll button to select Beep/Vibe Off
- 3. Press Read/Select to set:

Beep - Use the Up (or Down) scroll button to select:

- Select Loud or Soft and press Read/Select to set
- Select Duration (seconds) and press Read/Select to set

Vibe Off - Use the Up (or Down) scroll button to select

Press Read/Select to set

## Using the Star Pager



#### Charging

Any rechargeable pager will require use of an LRS charger. The Star Pager (SP4) uses the Charger 9 (CH-R9)

- 1. Place the pager in the charger
- 2. Allow unit to charge fully overnight (at least 24 hours)
- 3. Remove from charger, and pager will vibrate, beep, and light
- 4. Replace the pager in the charger at the end of each day

#### **Messages**

The pager can vibrate, beep, and light up message lights.

- Star pagers are intended to vibrate the number of times determined by the Vibe mode selected. On the T9101 this is done by choosing the V1, V2 or V3 button. This can be a way to send additional information or to identify 1 of 3 stations.
- On the front of the pager are four lights 1 through 4. In normal operation each "station" or T9101 would be set for different STATION ID's (e.g. kitchen is station 1, etc.) Each station will also send different messages (example 1st light for station 1, 2nd light for station 2, 4th and 1st light for station 5, etc.). So if they were paged they can look down at the pager to see which station sent the message (which light was lit). As an option you can also send the message as a V1 for a station one message, or V2 for station 2, or V3 for station 3. This will enable the person being paged to avoid having to look down to see the lights.

## **Cleaning & Charging Instructions For LRS Paging Equipment**

### **Cleaning:**

LRS pagers are made from industrial-strength, polycarbonate material. However, this material is susceptible to hairline cracking if non-approved cleaners are used. When cleaning LRS pagers, we recommend only using ISOPROPYL ALCOHOL-BASED CLEANERS.

To clean the equipment:

- 1. Take a clean rag and an isopropyl-alcohol based cleaner
- 2. Soak the clean rag with the isopropyl alcohol cleaner
- 3. Wipe down the pagers or equipment.

Cleaning equipment with any other non-approved cleaners can weaken plastic and cause hairline cracks. Pagers and equipment that are cleaned with unapproved cleaners and suffer cracking will not be covered under warranty.

Do not submerge any LRS paging equipment in any type of liquid as this will also damage the equipment and is not covered under the standard warranty.

### Charging:

Place rechargeable pagers on the charger and let them charge for 8 hours prior to first use.

Rechargeable pagers should be kept on charge even during extremely long periods of inactivity.

Only 12 VDC power supplies should be used with LRS chargers and transmitters. DC power supplies will cause damage to equipment that is not covered under the standard warranty.

Should you have any questions, please contact the LRS Customer Service Department at 800.437.4996.

## Warranty

Long Range Systems, LLC permits a one-year manufacturer's warranty following the original consumer purchase date of any LRS system. Any individual components or products purchased will receive a 30-day manufacture warranty. This warranty covers any defects due to faulty material or workmanship, but does not include damage to the product resulting from accident, misuse or improper electrical connection. If the product or system should become defective within the warranty period, we will repair or replace with equivalent equipment, free of charge. We will pay transportation charges to return your product via standard FedEx Ground shipping, provided the product is shipped prepaid to:

#### Long Range Systems, LLC 4550 Excel Pkwy, Suite 200 Addison, TX 75001

No return or replacement can be received without prior authorization from the LRS Customer Support department or without the proper RMA# posted on the outside of the shipping container. Contact Customer Support at 800.437.4996 or www.pager.net. This warranty gives you specific legal rights and you may also have rights that vary by state.

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#### **EU DECLARATION OF CONFORMITY**

We, Long Range Systems hereby declare under our sole responsibility that the T9100 and T9100CP paging transmitters and on-site pagers comply with the essential requirements in the European RE&TTE Directive 1999/5/EC of the European Parliament of the Council of 9 March 1999 on radio equipment and telecommunication terminal equipment and the mutual recognition of their conformity. The following standards were utilized:

ETS 300 224: 1998 EN 301 EN61000-3-2: 1998 EN 6100 EN 60950: 1992 with A1, A2, & A3

EN 301 489-2: 2002 EN 61000-3-3: 1995

## Terms & Conditions

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These general terms and conditions ("General Terms and Conditions") govern all persons ("Purchasers") that purchase or license equipment, software, firmware, and/or services (collectively "Deliverables") from Long Range Systems, LLC ("LRS").

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**Usage Restriction.** Paging technology may at times not work due to structural and other types of interference with signal transmission and due to other reasons. Purchaser therefore agrees not to use any Deliverable for an application in which a paging failure might cause harm to a person, injury to a property, or a substantial business loss. Purchaser also agrees to abide by and strictly adhere to any rules, regulations and guidelines related to the use of any portion of any Deliverable to collect, store or transmit personally-identifiable information, including any "protected health information" (as defined by HIPAA), or billing or financial payment data, from any customer or other consumer.

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**Severability.** In the event that any portion of these General Terms and Conditions or any agreement that incorporates them is found to be invalid or unenforceable for any reason, the remaining portions shall continue to be in full force and effect.

**Fees & Payment.** Purchaser agrees to pay all Service and Deliverable fees, plus any applicable taxes, in accordance with the terms and payment method set forth in this agreement. Purchaser is responsible for providing accurate billing and contact information to LRS. LRS retains the right to suspend or terminate services if fees become past due. LRS reserves the right to change Service rates by providing Customer at least 30 days' notice prior to billing.

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