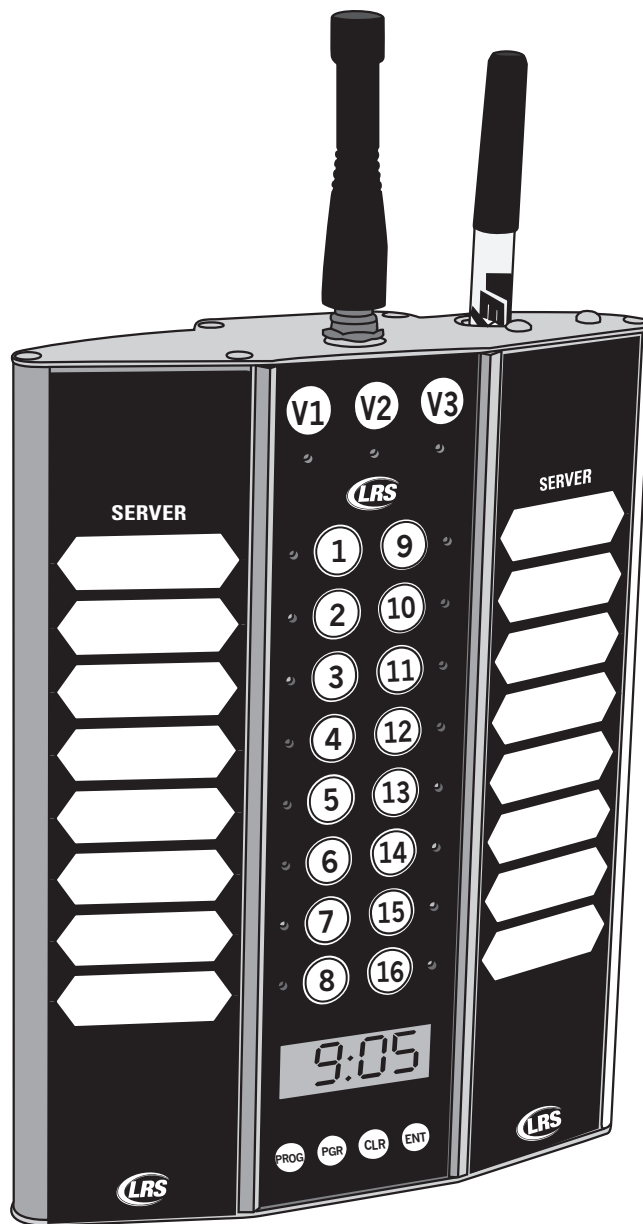# T9601

## Paging System Transmitter

# USER MANUAL



Usage, Installation, Warranty and Service Information

**LRS**

Long Range Systems, LLC
4550 Excel Parkway, Suite 200
Addison, TX 75001
800.437.4996 • www.pager.net

# 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.

**Copyright © 2014, Long Range Systems, LLC  All Rights Reserved**

### RF Warning Statement:

1. 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.

   (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** 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 or more 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.

### RF exposure statement:

This device must be operated in a stationary table top or wall mount configuration  and should not be held or carried while in operation. The user is cautioned to observe a minimum separation distance of at least 1 centimeter from the antenna to user extremities (fingers, hands) and maintain a separation of at least 20 centimeters from the users body.

# Table Of Contents

# Long Range Systems

Long Range Systems is a provider of cutting-edge onsite paging solutions. We offer exceptional products and services that satisfy our customer's needs for years to come. Thorough familiarity with these instructions and procedures will ensure proper operation and maintenance of the system.

**NOTE**: *This guide should be kept readily available for managers and key staff.*

# General Information

The T9601 is an onsite paging system used to increase efficiency in operations by alerting key staff of immediate needs. The pagers used with the system can vibrate, beep or display LED messaging. The pager-messaging mode is set using the keypad (e.g. vibration).

**NOTE**: The T9601 only works with LRS Star Pagers, and LRS rechargeable and battery operated alphanumeric pagers (1-line Alpha Pager (SP5), and 4-Line Alpha Pager)
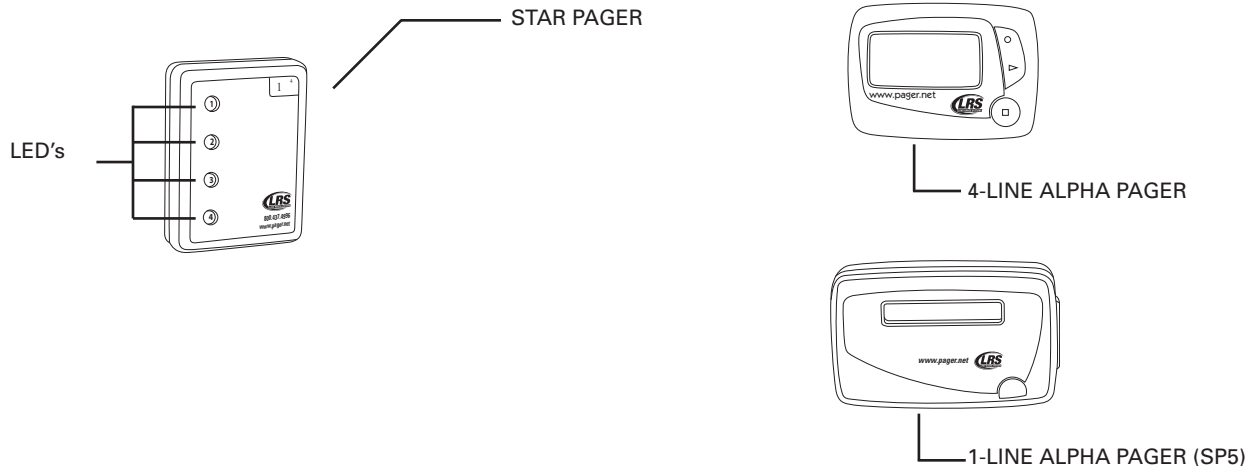
STAR PAGER

LED's

4-LINE ALPHA PAGER

1-LINE ALPHA PAGER (SP5)

## 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.

# Basic Installation and Setup

## Hardware Provided

Each T9601 transmitter kit contains:

> (1) T9601 Setup Guide
>
> (1) Transmitter keypad with Dry-Erase name board
>
> (1) Dry Erase Marker
>
> (1) Antenna
>
> (1) 12VDC power adapter
>
> (1) Thumbscrew
>
> (1) Thumbscrew Clamp
>
> (2) Mounting Brackets (1 – with foam pad, 1 – without foam pad)
>
> (4) Screws

## Installation Procedure

The following is the basic installation procedure

**⚠ CAUTION:**

> • *The transmitter requires a dedicated power supply*
>
> • *Mounting the antenna near any large metal objects will minimize the operating range.*

1. Unwrap all system components.
2. Twist the antenna into the silver connector located on the top of the transmitter unit.
3. Mount the power supply in a location where there is access to 110V power for charging (see pg. 5 "Mounting Your System")
4. Insert the barrel connector end of the power supply into the connector hole located at the bottom of the transmitter unit
5. Plug the power supply into a standard 110V outlet
6. The LCD screen on the transmitter will light up and display "tin" (time)
7. Press ENT to exit time setup
8. The screen will display a default time 12.00

OR

9. Enter the time hh (hour) mm (minutes) (ex. 10 00), and press ENT
10. Press PGR for AM or ENT for PM
11. The screen will display the time entered ex. 10.00
12. Upon completion of setup, make sure pagers are fully charged use

✎ **NOTE:** Allow pagers to charge in charging base for at least 24 hours prior to the first use.

## Mounting Your System:

Four captive nuts are located in a slider on the backside of the T9601 transmitter.  These are used to secure the mounting brackets to the unit.  The brackets may be mounted in several configurations dependent upon the mounting surface.
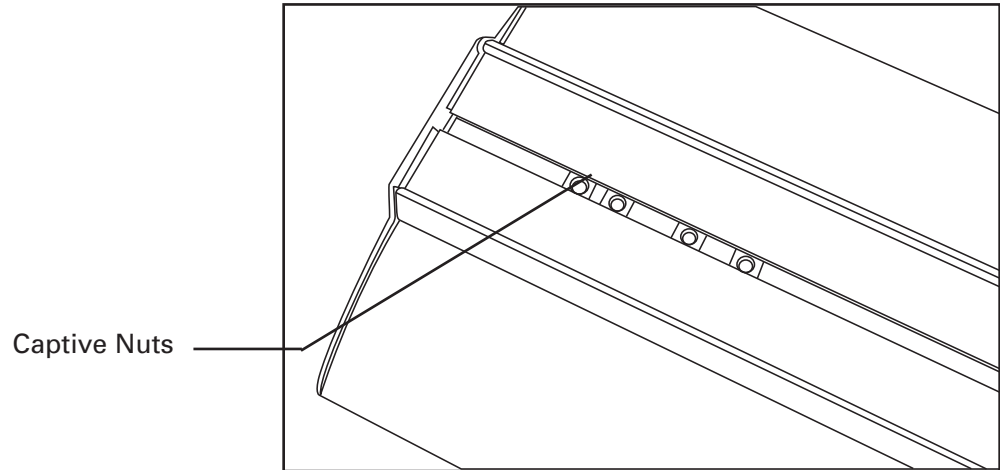
Captive Nuts

1. Position the non-foam padded mounting bracket so that the side with the two holes (laying flat on the slider) are pointing towards the antenna end of the transmitter.
2. Align the holes with two of the captive nuts.
3. Insert the 2 screws into the holes. Do not fully tighten screws.
4. Repeat steps 1-3 with the foam-padded mounting bracket. The two holes should be pointing opposite the antenna end of the transmitter (foam padding should be facing the opposite bracket).

Captive Nuts

Screws
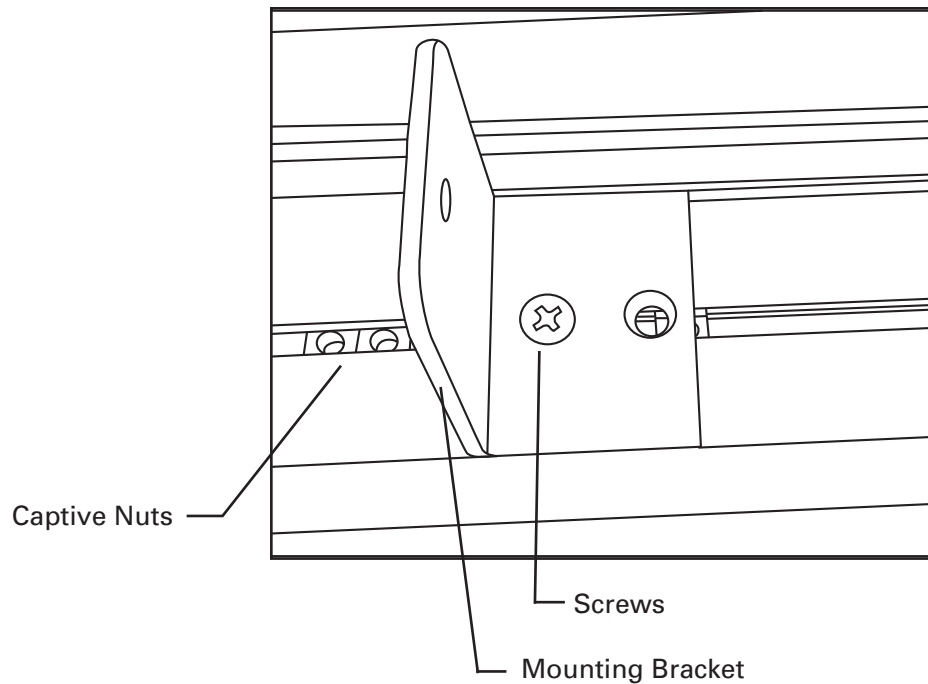
Mounting Bracket

5. Adjust the distance between the brackets to fit the mounting surface.

6. Securely tighten all captive screws.
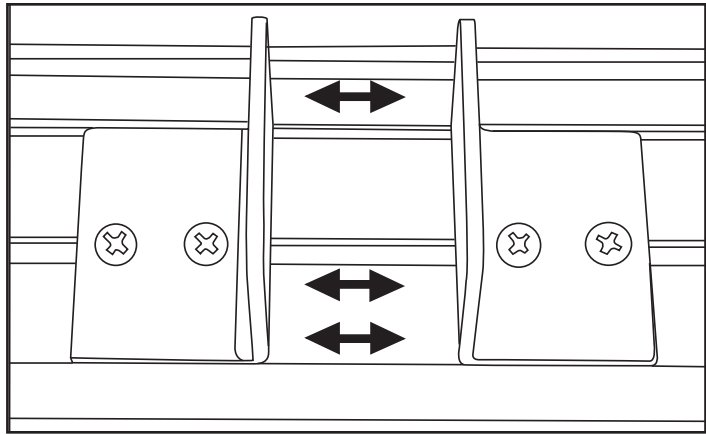


7. In a clockwise motion, turn the thumbscrew into the non-foam padded mounting bracket.

8. Attach and screw the thumbscrew clamp foot to the thumbscrew.

9. Holding the transmitter steady, position the foam padded side of the mounting bracket onto the bottom of the mounting surface.

10. In a clockwise motion, screw the thumbscrew onto the mounting surface, such that the transmitter is positioned firmly onto the surface.
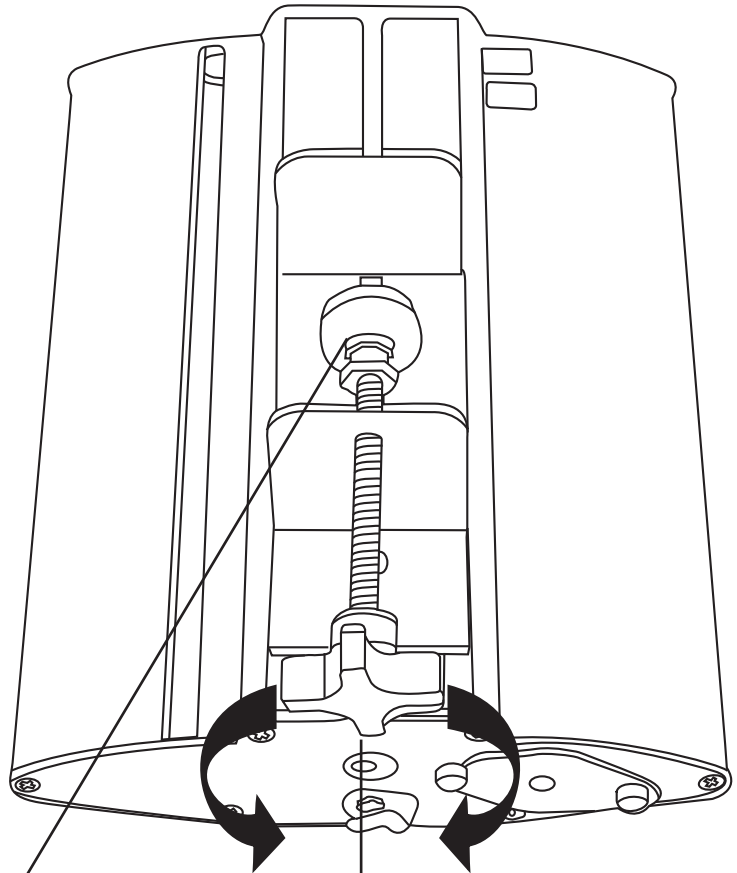


Thumbscrew Clamp Foot

Turn Clockwise to Tighten

Turn Counter-Clockwise to Loosen

# Bracket Mounting Suggestions

The basic mounting suggestion is shown here.

Mounting Bracket without Foam Padding

Thumbscrew

Thumbscrew Clamp Foot

Mounting Surface

Mounting Bracket with Foam Padding
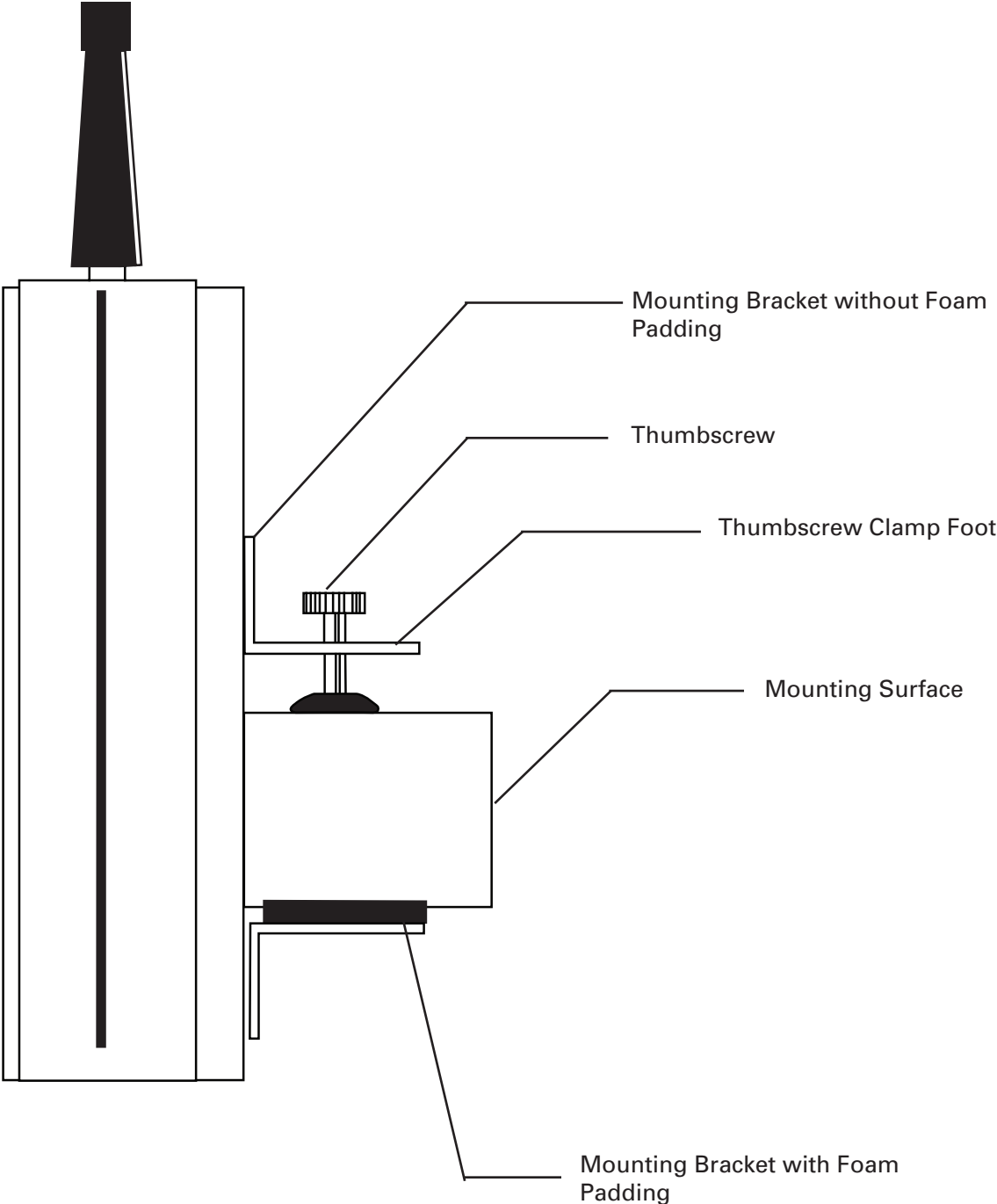
# Transmitter/Keypad Elements

### Pager Reset Terminals:

Used to reset pagers before reprogramming.

### Dry-Erase Server Board:

Write the staff names on the label next to their pager number with a NON-PERMANENT, Dry-Erase Marker or grease pencil.

# Keypad Functions

Before using the keypad, read the following key descriptions:

### Function Keys:

The function keys are located on the last row of the transmitter keypad.

**PROG** – Used when altering system settings, functions, and programming pagers

**PGR**– Used when entering pager numbers above 16

**CLR** – Used to clear an entry

**ENT** – Used to enter changes to system settings, functions, and to send a page

### 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 16 are "one touch" keys to instantly page pagers 1 – 16.  Number 10 is also 0 when programming or paging pagers numbered above 16.

# Basic Paging Operations

The T9601 factory defaults are the most commonly used settings (System ID = 0, Vibration Mode = 1).

## Paging

For pagers numbered 1 – 16:

     1. Press the pager number on the keypad unit

     2. The unit will automatically send a page

**For pagers numbered 17 and higher:**

     **NOTE**: Pagers can be numbered up to 999

     1. Press PGR

     2. Enter the pager number (using #'s 1 – 9 and 10 [as zero])

     3. Press ENT

**When a page is sent and received:**

     • Star Pagers – will flash and vibrate

     • Rechargeable and battery operated Alpha Pagers – will display "Kitchen <Station #>" Example: Kitchen 1

## Page A Manager Pager

     1. Press PGR

     2. Enter the manager pager number

     3. Press ENT

**When manager pager is set and a page is received:**

     • Rechargeable and battery operated Alpha Pagers – will display "Manager to Kitchen <Station #>"

     **Example:** *Manager to Kitchen 1*

## All Call Page

If all pagers need to be called at once,

     1. Press PGR

     2. Press 0

     3. Press the ENT

Alternate Method if "All Call" is enabled (See p. 10 "Set Up All Call")

     1. Press button "16" on transmitter keypad

**When All Call Page is enabled and a page is received:**

     • Star Pagers will flash and vibrate

     • Rechargeable and battery operated Alpha Pagers will display "All Page Kitchen <Station #>"

       **Example:** *All Page Kitchen 1*

# System Settings

## Setting the Vibration Mode

✎ **NOTE**: The factory default setting for vibration mode is 1 vibration. (EX: When a page is sent from the transmitter, the pager will vibrate once)

**To set the vibration mode:**
1.  Press PROG
2. Enter 9 - 2 - #
    • 1 vibration: # = 1
    • 2 vibrations: # = 2
    • 3 vibrations: # = 3
3. Press ENT

## Set the Vibration Strength (Only Appicable to the SP5)

The strength of a pager's vibration when paged can be set.

To adjust the vibration level, between 0 (minimum) and 9 (maximum):
1. Press PROG
2. Enter 9 - 4 - # (# = 0 – 9)
3. Press ENT
    • No vibration: # = 0
    • Mid level vibration: # = 5
    • Maximum vibration: # = 9

## System Reset

In certian situations the T9601 may require a system reset before operating properly. When the system is reset, the Restaurant ID (see pg. 11) and vibration mode (see pg. 10) will be set to factory default.

**To reset the transmitter to factory default:**
1. Press PROG
2. Enter 0-0-0 and press ENTER

# Setup All Call

'All Call' sends a page to all pagers at once. When 'All Call' is enabled, pressing the number "16" on the keypad will perform this function.

**To enable:**

1. Press PROG
2. Enter 9 - 3 - 5
3. Press ENT

**To disable:**

1. Press PROG
2. Enter 9 - 3 - 4
3. Press ENT

# Station ID

When more than one transmitter is being used on the same System ID, a station ID can be set to identify which transmitter the page came from. The station ID will display when a page is sent.

**To set:**

1. Press PROG
2. Enter 9 - 6 - # (# = Station ID: 1 – 9)
3. Press ENT

# System ID

The system ID is used to keep neighboring paging systems from interfering with each other. This setting should only be cahnges at the advice of an LRS custmer support representative.

**To change the ID:**

1. Press PROG
2. Enter 9 - # - #  (# = System ID: 00 – 19) (EX: 9 – 0 – 3, System ID = 3)
3. Press ENT

# Set Simultaneous Manager Paging

This feature allows the manager to receive a message anytime a server is paged.

**NOTE:** This function works with LRS Alpha pagers only.

**To turn on:**

1. Press PROG
2. Enter 9 - 5 - 1
3. Press ENT

4. LCD screen on transmitter will display On

**When a simultaneous manager page is received:**

       • Rechargeable and battery operated Alpha Pagers – will display "Server #:  Kitchen <Station #>"
       **Example**: Server 5: Kitchen 1

**To turn off:**

       1. Press PROG

       2. Enter 9 - 5 - 2

       3. Press ENT

       4. The LCD screen on the transmitter will display Off

# Setup Duty Pager

Duty pager is used to remind someone of a task that must be completed at specified intervals. A duty reminder page is sent to the assigned pager at preset time intervals. The system's "time" must be set prior to enabling duty pager.

**To Enable:**

       1. Press PROG

       2. Enter 9 - 8 - 0

       3. Press ENT

              • At dut (duty), enter the pager number

               • Press ENT

               • At INT, enter the time (interval) in minutes for the reminder page

               • Press ENT

               • At Str, enter the time of day the task begins: hh (hour) mm (minute) (ex: 10 00)

               • Press ENT

               • Press PGR for A (AM) or ENT for P (PM)

               • At Stp, enter the time of day the task ends: hh (hour) mm (minute) (ex: 12 00)

               • Press ENT

               • Select A (AM) [by pressing PGR] or P (PM) [by pressing ENT]

**When duty pager is set and an interval page is received:**

       • Star Pagers – will flash and vibrate

       • Rechargeable and battery operated Alpha Pagers – will display "Reminder Message: Kitchen <Station #>" Example: Reminder Message: Kitchen 1

**To Disable:**

       1. Press PROG

       2. Enter 9 - 8 - 0

       3. Press ENT

       4. At dut (duty), enter "0"

       5. Press ENT

**Restart Duty Timer**

If a task is performed early, the timer can be reset to start the interval over.

**To restart:**

1. Press PROG

2. Enter 9-8-1

3. Press ENT

# Set Time and Date

Time and date are not required for normal use; however, it should be set if duty pager is enabled, and if a time is required for Alpha pagers.

**NOTE:** Time and date should be reset at each startup

**To set time:**

1. Press PROG

2. Enter 9 - 3 - 2

3. Press ENT
   - At the tin (time) prompt, enter the hh (hour) and the mm (minute)
   - Press ENT
   - Press PGR for A (AM) or ENT for P (PM)

A                        P

PROG    PGR    CLR    ENT    ——————— Select for PM

—————— Select for AM
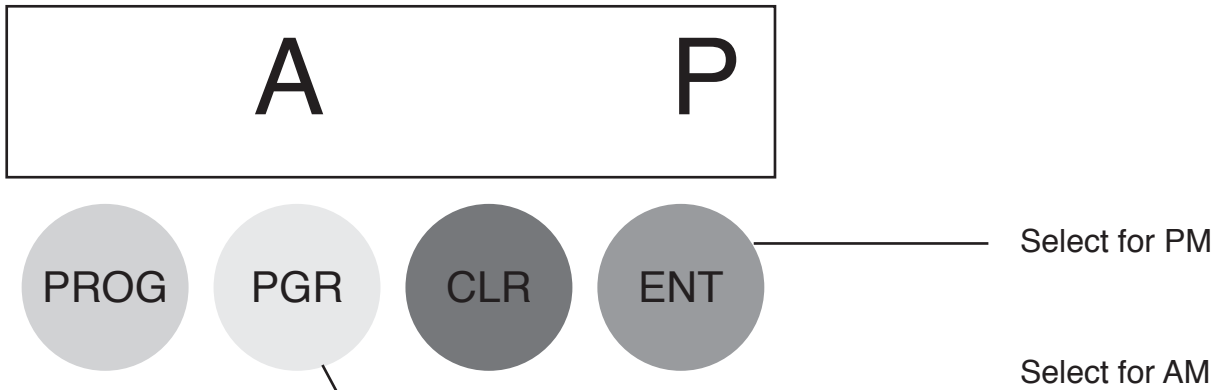
**To set date:**

1. Press PROG

2. Enter 9 - 3 - 3

3. Press ENT
   - At the (month) prompt, type the mm (month)
   - Press ENT

   - At the (day) prompt, type the dd (day)
   - Press ENT

- At the (year) prompt, type the yy (year)
- Press ENT.

**Send Time and Date to Alpha pagers**

The T9601 automatically sends the date and time every minute. However, you can also manually send time/date to all Alpha pagers using the transmitter keypad.

### To send time/date:

1. Press PROG
2. Enter 9 - 3 - 1
3. Press ENT

# Set POCSAG Start

In systems using both Alpha pagers and Star pagers, a start for the POCSAG (alpha) pagers must be set. The default POCSAG start for alpha pagers is 50. Alpha pagers should be programmed using a number equal to or above 50. Star (SP4) pagers should be programmed using a number below 50.

### To setup:

1. Press PROG
2. Enter 8 - # - # (# is a number between 01 and 99)
3. Press ENT

# Set Language

The T9601 provides the option to transmit preset messages to alphanumeric pagers in different languages. The following languages are available: English, Spanish, French, German, Italian, and Portuguese.

### To set a language:

English (default)

1. Press PROG
2. Enter 9 - 5 - #
3. Press ENT

- English: # = 3
- Spanish: # = 4
- French: # = 5
- German: # = 6
- Italian: # = 7
- Portuguese: # = 8

# Key Tone

The default key tone for the T9601 is a 'beep' sound when keypad buttons are pressed. However, the key tone 'beep' sound can be disabled.

### To enable:

    1. Press PROG

    2. Enter 9 - 8 - 6

    3. Press ENT

### To disable:

    1. Press PROG

    2. Enter 9 - 8 - 7

    3. Press ENT

# Maintenance Checks

## Range Test

Perform a range test to determine the effective range of the T9601.

> ✎ **NOTE:** Be sure to remove pagers from the charging base before performing the range test.

1. Press PROG - 9 - 9 - 7 - ENT
2. The screen will display "tst" and then a "-" (dash) will appear
3. When the "-" (dash) begins scrolling across the screen, pagers will vibrate every 5 seconds (as long as they are receiving the signal)
4. Take a pager and walk around the area to verify the pager operates in all areas (the pager will stop vibrating when it is out of range)
5. Press ENT To stop the range test

## Anti-Theft

Anti-theft is used to alert staff carrying alpha pagers that they are leaving the premises while still carrying the pager.

> ✎ **NOTE:** Anti-Theft only works with alphanumeric pagers.

### To Turn On:

1. Press PROG
2. Enter 9 - 9 - 9
3. Press ENT

### To Turn Off:

1. Press PROG
2. Enter 9 - 9 - 8
3. Press ENT

### When Activated:

- The transmitter sends a signal to alpha pagers, and if the signal is not received, the pager will emit a continuous beep sound until it is returned to the charging unit or is back within range.
- The LED screen on the alphanumeric pagers will display "OUT OF RANGE".

## Cleaning The System

**Caution:** *Do not use any cleaning solutions containing chloride*

When cleaning the T9601 system and its components (pagers, charging base), DO NOT use any cleaning products that contain Chloride. These products will damage the material and will stain the surface.

> ✎ **NOTE:** Be sure to unplug the T9601 system and charging base before cleaning.

### To Clean:

- Using a damp cloth, wipe the exterior of the system's components

# Programming Pagers

If a new pager number needs to be assigned to a pager, Star (SP5) and Alpha pagers can be reprogrammed from the T9601 transmitter. If you would like to assign or reassign numbers to pagers, contact LRS to verify your restaurant ID before proceeding.

## To Program Pagers:

1. Be sure the POCSAG start is correct for programming pager types (see "Set POCSAG Start" pg. 14)
2. Pagers:
   - Remove rechargeable pagers from the charger (or reset by touching the silver nodes on the pager to the reset terminal on the transmitter) and wait until it stops vibrating

   - Turn battery powered pagers on and then off (or remove and reinstall the battery) and wait until it stops vibrating and/or beeping
4. Press PROG
5. Enter the number you wish to assign to the pager (Choose #: 1 - 999)
6. Press PROG
   - Star pagers will slowly vibrate and light up then dim to off
   - Alpha pagers will beep 4 times and then stop
7. Once programming is complete, page the pager to ensure it is programmed correctly

   (See "Basic Paging Operations" p. 9)

**Top View of the T9601**

Antenna

Reset Terminals          Marker Holder
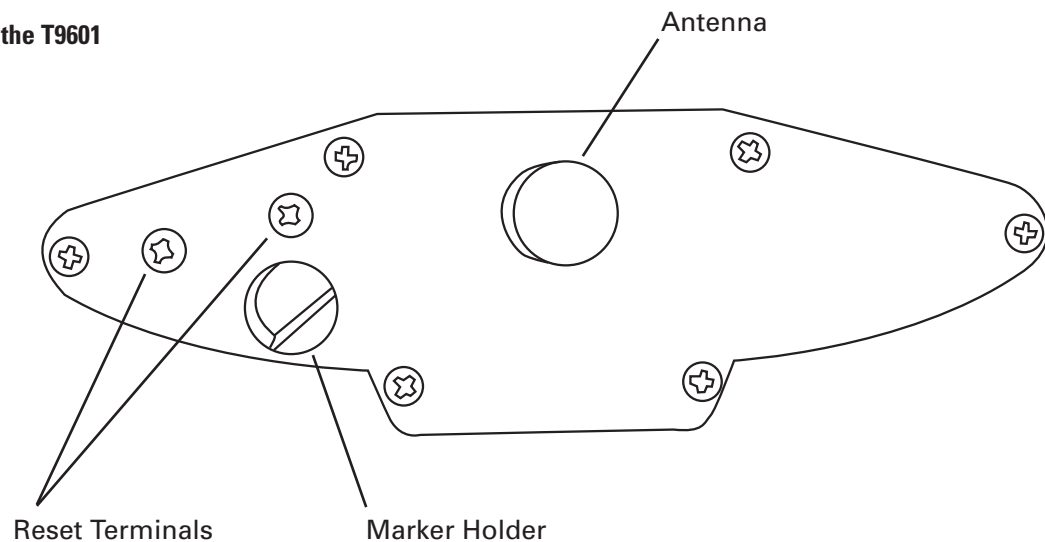
## Assign Manager Pager

A manager pager can be assigned to notify a manager what station they are needed at when a page is received. Only LRS alphanumeric pagers (rechargeable and battery operated) can be set as manager pagers.

### Set Manager Pager

1. Press PROG

2. Enter 9 - 8 - 5

3. Press ENT

4. At Ngr (manager), enter the pager number

5. Press ENT

**NOTE:** Manager pager cannot be disabled. However, you can reassign manager pager to a different pager number. To reassign, follow the steps for setting manager pager and enter a different pager number.

# 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.

## T9601

Required Voltage:  One-110V outlet for the T9601 transmitter

(Batteries: This option currently NOT available)

Operating Frequency: 467.750MHz

Radiated Power: <4900 micro-volts/meter

Operating Range: Dependent upon the paging environment

# T9601 Quick Programming Functions Guide

**When programming functions:**

1. Press PROG

2. Enter the Function Code

3. Press ENT

| Function | Function Code | Notes |
|---|---|---|
| Reset | 0 | System settings default to:<br>Station ID = 1<br>System ID = 0 |
| Vibration 1, 2, or 3 | 9 2 # | # = Vibration = 1, 2, or 3 |
| POCSAG Start | 8 # # | ## = Start = 01 – 99 |
| System ID (Restaurant ID) | 9 ## | ## = ID = 00 – 19 |
| Time: Send to Pager | 9 3 1 | Sends Time and Date to Alpha Pagers |
| Set Time | 9 3 2 | At TIM enter hh mm (Hour, Minute) Press ENT<br>Press A or P (AM/PM) |
| Set Date | 9 3 3 | At DTE enter mm (Month), press ENT<br>dd (Day), press ENT<br>yy (Year), press ENT |
| Setup All Call | 9 3 # | # = 5= ON    # = 4 = OFF |
| Vibration Strength | 9 4 # | (# = 1 – 9)          # = 0 = OFF<br># = 1 = Minimum    # = 9 = Maximum |
| Simultaneous Manager Paging | 9 5 # | # = 1 = ON    # = 2 = OFF |
| Language | 9 5 # | # = Language<br>• English = 3    • Spanish = 4    • French = 5<br>• German = 6    • Italian = 7    • Portuguese = 8 |
| Station ID | 9 6 # | # = ID = 1 – 9 |
| Firmware Version | 9 7 5 | |
| Duty Pager Setup | 9 8 0 | At dut , enter pager #, and press ENT(Pager # = 0 disables)<br>At Int, enter interval time and press ENT<br>At Str, enter start time and press ENT<br>At Stp, enter stop time and press ENT |
| Duty pager Reset | 9 8 1 | Restarts interval timer on duty pager |
| Manager Pager | 9 8 5 | At Mgr, enter the pager number<br>Press ENT |
| Enable/Disable Key Tone Beep | 9 8 # | # = 6 = ON        # = 7 = OFF |
| Enable/Disable AM paging | 9 9 # | # = 1 = ON        # = 0 = OFF |
| Range Test | 9 9 7 | Enables Range Test (Press ENT to stop) |
| POCSAG anti theft ON/OFF | 9 9 # | # = 9 = ON    # = 8 = OFF |
| All Call Paging | Press PGR | Enter "0" and Press ENT |
| One Touch Paging | Press the pager # | Pager #'s (1 – 16) |
| High Number Paging | Press PGR | Enter pager # (1-999) and Press ENT |
| *Programming Pagers | Press PROG | Enter pager # (1-999) and Press PROG |

* Make sure POCSAG Start is set

# Troubleshooting

## Transmitter Unit

### The Light On The Keypad Display Does Not Come On When A Key Is Pressed

- Check the charging power supply by plugging the power/charging supply used for the pager charger into the transmitter unit.
- If the display light comes on, there may be a problem with the T9601 power/charging supply. Call LRS Customer Support to order a new power supply.
- If the display still does not light, there may be a problem with the transmitter unit. Call LRS Customer Support for assistance.

### The Keypad Display Is Functioning Properly But The Pager Does Not Receive the Page

- Perform a system reset (see "System Reset" pg. 10).
- Make sure that pagers are on the same system ID (see "Set System ID" if ID is not "0")
- Complete the steps for paging a pager (see "Paging" pg. 9).
- If the pager still does not receive the page, call LRS Customer Support for assistance.

## Pagers
### Pager Charge Lights Do Not Come On

Charging slots should display a single red charge light when pagers are placed in the charger, and are charging correctly. If the red charge light is not visible on some or all charging slots, review the following recommendations to determine and solve the problem..

- Make sure the pagers are completely inserted into the charging slot.
- The power supply may be defective. Try plugging the power supply used for the transmitter into the pager charger.
- You might have more pagers charging on one power supply than recommended. Only 25 pagers can be charged on one 12V power supply. If you have more than 25 pagers, you should call LRS to order additional chargers.
- You might have a jumper wire that is not properly connected. Look on the side of your charger and verify that all wires are connected properly. If they are connected, then the metal contacts on your pager may be dirty. Using a damp rag, clean the 2 metal contacts on the back of each pager.
- Be sure that your staff is not disconnecting the power supply at anytime or that you do not have the charger connected to a circuit that automatically shuts off after hours. The charging base should be plugged into a power outlet that is "ON" at all times (Be sure the pager is not in the charger backwards).
- If none of these recommendations solve your problem, call LRS Customer Support to determine the problem at 800-437-4996.

### Battery Powered Pager Shows Low Battery:

Replace the battery.

# Service Questions and Answers

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

**Normal Business Hours**

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

**Weekend or Evening Emergencies:**
- Long Range Systems provides 24/7 live technical support.
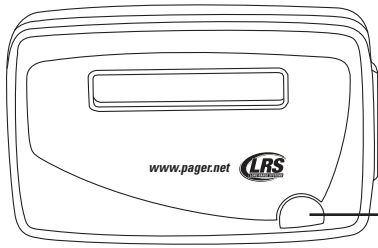- Please keep in mind that replacement options are limited on weekends and holidays.

## LRS PAGERS AVAILABLE FOR THE T9601

(These pagers are sold separately)
- SP5 Rechargeable Alpha
- LRS 4-Line Alpha
- Star Rechargeable Pager

# LRS Pagers Available for the T9601

## Using the SP5 1-Line Rechargeable Alpha Numeric Pager

Select Button

### Charging

Any rechargeable pager will require the 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

> VIBE        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.

```
VIBE      | | | | | | |
```

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

```
VIBE        CONTRAST
```

## 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.

```
CONTRAST: | | | | | | |
```

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

```
VIBE        CONTRAST
```

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 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

The SP5 pager will display the current time.  The T9601 transmitter automatically updates this feature.  If the time does not appear, a flashing star will appear on the right side of LCD to show the pager is operational.

• To send time information to the pager from the transmitter, see "Send Date/Time" pg. 13
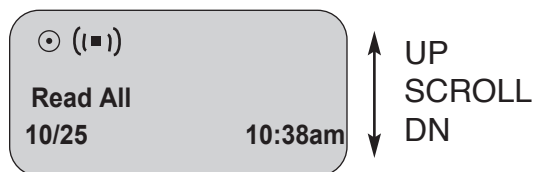
## Programming

To reset and reprogram the pager, see "Programming Pagers" p. 17 of this document.

# Using the 4-Line Alpha Numeric Pager



UP

SCROLL DOWN

DOWN

SELECT/READ
BUTTON

# Menus



UP
SCROLL
DN
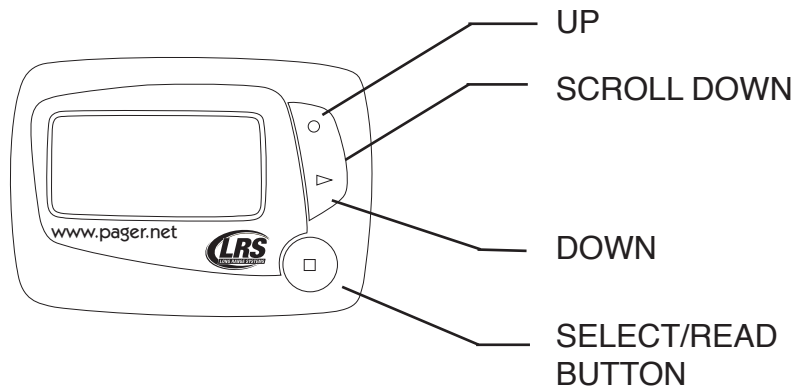
## Selecting functions

1. From Read All screen, press Up (or Dn) Scroll button until desired selection displays
2. Press Read/Select button to select item
3. Press Up (or Dn) 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 Dn) Scroll button to select **YES**
3. Press Read/Select button to set

### Set OFF

1. Using the Up (or Dn) 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 Dn) Scroll button to select **YES**
4. Press Read/Select button to set

## Read Message



⊙ (( ▪ ))
**[01/16] 01/02/2008**
**10:04 AM**
**Appel Telephonique**

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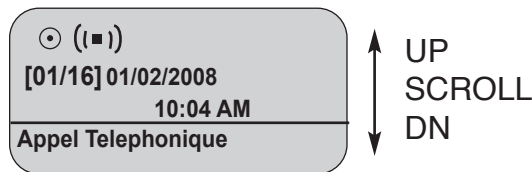
- Messages are displayed upon receipt.
- Press Read/Select to display.

### To review stored messages:

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

## Delete Messages

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

## Time/Date Set

1. Using the Up (or Dn) scroll button scroll until display shows "Set Time/Date"
2. Press Read/Select to set time/date
3. Press Up (or Dn) 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 Dn) scroll button scroll until display shows "Set Contrast"

    2. Press Read/Select

    3. Use the Up (or Dn) scroll button to adjust

    4. Press Read/Select to confirm

## Auto ON/OFF

    1. Using the Up (or Dn) scroll button scroll until display shows "Auto ON/OFF"

    2. Press Read/Select to set auto on/off

    3. Use the Up (or Dn) scroll button to select **On** or **Off**

    4. Press Up (or Dn) 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 Dn) scroll button scroll until display shows "Set Key Tone"

    2. Press Read/Select to set key tone on/off

    3. Use the Up (or Dn) scroll button to select **On** or **Off**

    4. Press Read/Select to set

## Select Alert Mode

    1. Using the Up (or Dn) scroll button scroll until display shows "Set Alert Mode"

    2. Use the Up (or Dn) scroll button to select Beep/Vibe Off

    3. Press Read/Select to set:

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

       • Press Read/Select to set

## Battery

The RX-E 4-Line Alpha pager uses 1 AAA Battery.

## Programming

To program the pager see pg. 17

# 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.

## Vibration

- Star Pagers will vibrate a certain number of times depending on the vibe mode - V1, V2 or V3 that is selected from the transmitter keypad when sending a page
- Vibrations can be used to send additional information or to identify 1 of 3 stations
- By sending messages using vibrations, the person being paged will not have to look down to see the lights display, instead the vibrations will let them know what station the page came from

**Example:** *V1 = Station 1, V2 = Station 2, V3 = Station 3*

To set vibration – see p.10

## LED Messaging

- The LED lights located on the front of the Star pager can be used to represent Station ID's in locations where more than one T9601 transmitter is being used
- Each T9601 transmitter in use represents a "Station ID"
- When a page is sent, the LED lights, letting staff know which transmitter (Station ID) the page came from

**Example:**
- LED 1 lights = Station 1
- LED 2 lights = Station 2
- LED 1 & 4 light = Station 5

To set LED messaging – see p.11

## Programming

To program the Star Pager, see page 17.

# 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.

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