# NetPage Unlimited Transmit Controller

## USER MANUAL





Long Range Systems, LLC.
4550 Excel Parkway, Suite 200
Addison, TX 75001
800.437.4996 • 214.553.5308
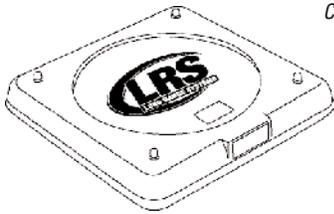www.pager.net

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# Compatible Pagers

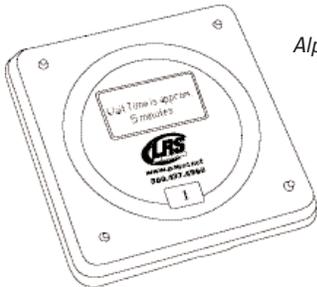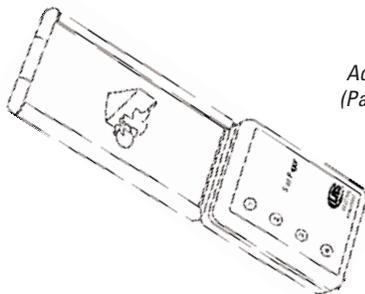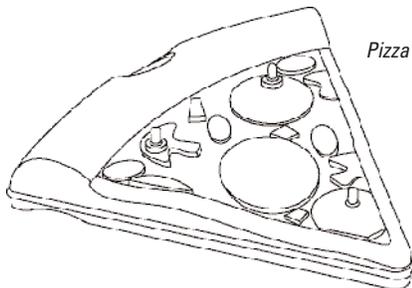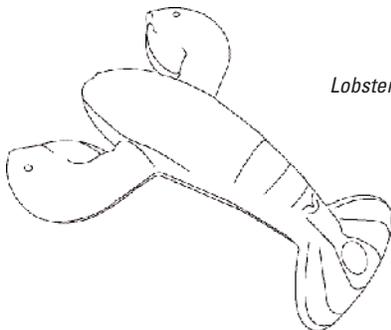## Customer Pagers:

*Coaster Call*

*Alphanumeric Coaster*

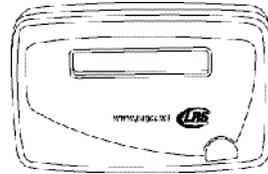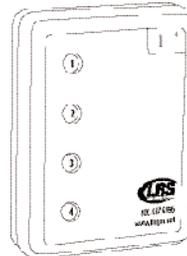*AdverTeaser (Paddle)Pager*

*Pizza Pager*

*Lobster Pager*

## Staff Pagers:

*SP5 1-Line Rechargeable Alphanumeric Pager*

*Star Pager*
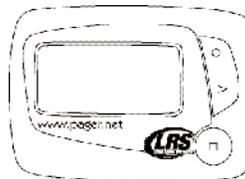
*RX-E 4-Line Alphanumeric Pager (Battery Operated)*

# Installation and Setup

## Hardware Provided

The system contains the transmitter keypad, an instruction booklet, an antenna, a strip of Velcro, rubber feet, and a 12-VDC power adapter.

**Notice**: Operation is subject to the following:
- This device may or may not cause interference.
- This device will accept any interference including interference that may cause undesired operation of the unit.

**Notice**: To reduce potential radio interference to other users, the antenna type and gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than required for successful communication.

## Installation Procedure

The following is the basic installation procedure:

**CAUTION**: *Do not mount the transmitter antenna near any large metal objects.*

1. Un-wrap all system components.
2. Twist the 3" antenna onto the silver connector located on the rear of the transmitter.
3. Plug the Network cable into the Ethernet port located on the back of the transmitter.
4. Plug the power adapter into a standard 110/220V outlet and insert the barrel connector end into the port located on the rear of the antenna.
5. The Transmitter will intialize and attempt to connect with the Network.
6. Upon completion of setup, make sure pagers are fully charged and/or have good batteries and are powered on.
7. The systems are shipped ready for the most general use.  If you need to modify settings, refer to the table of contents to locate a specific function guideline.

## Connections

The following diagram shows the system connections.



NETWORK/ETHERNET CABLE

12 VDC ELECTRICAL SUPPLY

12 VDC POWER ADAPTER

ANTENNA

KEYPAD/TRANSMITTER
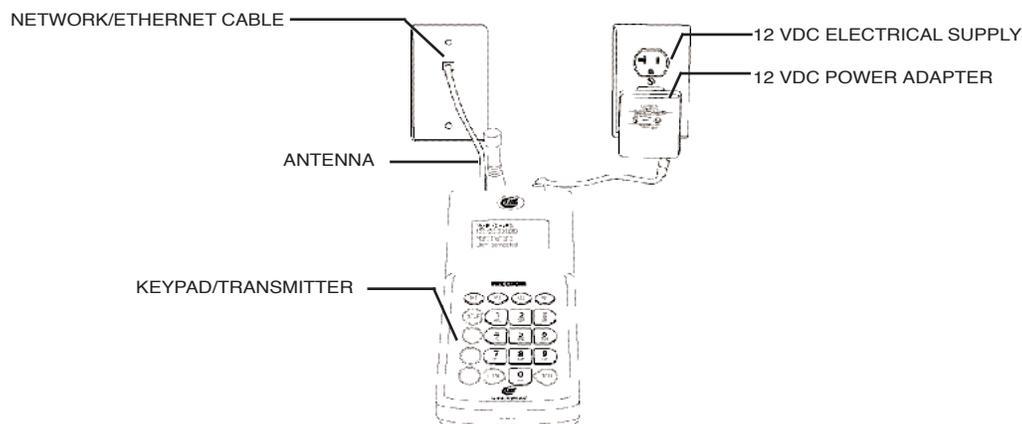
# Keypad Description

Before using the keypad, read the following keypad descriptions.

**Note:** *As the display changes, the keys may perform different functions.*

**Setup Key**

The Setup key enables menus when checking or changing the transmitter's programmed settings.

**F Keys**

The F (function) keys are the first row of keys under the display. The F1 - F4 keys correspond to the bottom row of text in the keypad display window.

**Number Keys**

Keys 1 through 0 enter numeric data such as the pager number. In some modes they will also enter alphanumeric data.

**Enter Key**

The Enter key is used to start the paging function, and to complete programming where required.

**Clear Key**

Clears the input when paging a pager and returns to the Guest paging display or to restart an input when programming.

My IP (DHcP):
123.123.001.010
More than one
Client connected
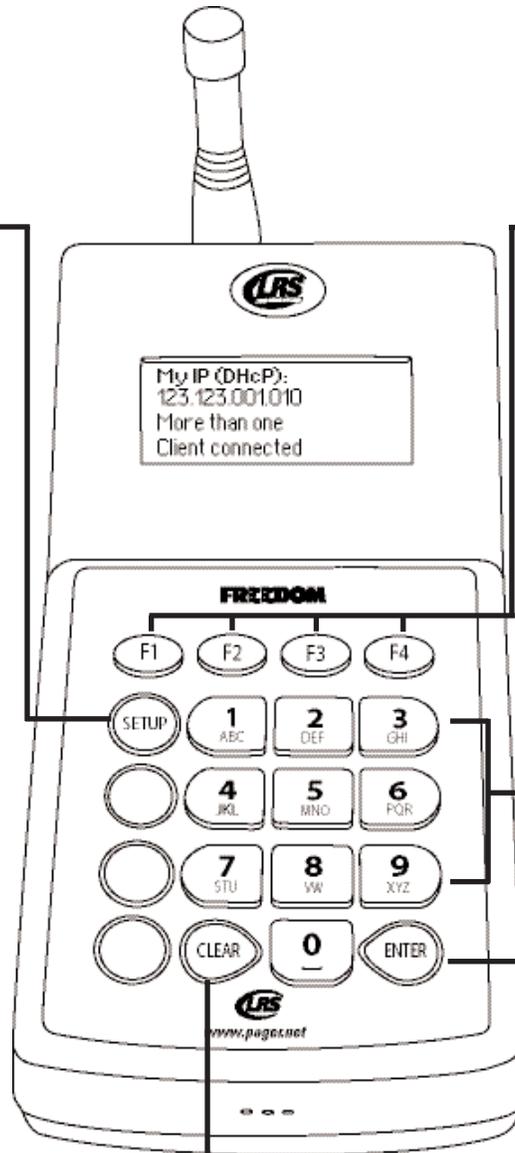
# Initial Power Up

1. After the transmitter initializes, it will display on attempt to connect to network.

2. When connected it will display it current Network Status and IP address.

# Basic Paging Operation Guide

## Network:

The TXTC default to DHCP Network.

To access the Network Settings

1. Press Setup and Enter Password.

2. Press 3 for 3 (Other).

3. Pres 3 for 3 (Network).

4. Pres 1 for 1 (Config Network).

**At Network**
**For Users on DHCP Network**

From Network Menu

1. Press 2) DHCP.

2. At prompt Use DHCP, press F1 (Yes).

**For Users on Static Network**

For users on a Static Network, the user will need a valid IP Address available on their internal network. Contact your local Network Administrator for an available IP address.

**Note:** *If an IP Address has one or two digits, the address must be written out fully (example 192.168.7.17 must be entered 192.168.007.017.)*

From Network Menu.

1. Press 2) DHCP.

2. At prompt USE DHCP, press F4 (No).

3. Press 3) IP.

4. Enter IP Address to assign for the Transmitter on Network and press ENTER.

5. Press F2 (Down).

6. Press 1) Netmask.

7. Enter Netmask address for the Transmittern on Network and press ENTER.

8. Press 2) DNS.

9. Enter DNS address for  the Transmitter on Network and press ENTER.

10. Press 3) Gateway.

11. Enter Gateway address for the Transmitter on Network and press ENTER.

# Special Functions

## User Password

All of the functions that adjust paging preferences are protected by a Password.

• To reduce tampering with critical settings, the keypad is password protected.

• The Password 56789 allows you to enter most restricted programming screens.

• Press F4 at any menu to return to the Guest menu.

# Programming Pagers

Pager numbering and mode setup is used to renumber or set up individual pagers.

> **Note:** *Be sure to refer back to "Paging Types in Mixed Systems" section to ensure that pagers are programmed using appropriate crossover points.*

## Individual Pagers

> **Note:** *Rechargeable pagers can have their System ID's changed or their vibration turned on or off as a group.*

1. Press SETUP and enter Password.
2. Press F2 (DN).
3. Press 1 (1: Program).
5. Press 1 (1: Prg Pager).
7. At the Select Type menu, select the basic type of pager you are re-programming (Guest pagers or Staff pagers).

### Non-Alpha Guest Pagers (AdverTeaser (Paddle Pager), Coaster Pager, Pizza Pager, Lobster Call)

This procedure is repeated for each pager being programmed. Two charging bases are suggested for programming Coasters, Pizza pager, Lobster Call.

1. Place all guest pagers to be programmed on one charger base, leave the second base empty. Paddle pagers may be replaced into the same slot in the charger.
2. Complete the steps for programming "individual Pagers".
3. At the Select Type menu, press 1 (1: Guest Pagers).
4. Enter Pager Number and press Enter.
5. Select Pager type 1) Coaster Page or 2) Paddle Pager.
6. Select if Pager should Vibrate F1 (Yes) or F4 (No.)
7. Remove the guest pagers from the charger.
8. When flashing stops, press ENTER.
9. The coaster/pager will slowly vibrate and light up then dim to off to indicate it is being programmed.
10. When programming is finished, put the coaster on the second charging base or the Paddle pager back into its slot.
11. Repeat steps 2 through 10 for the remaining coasters/pagers.
12. When finished remove all of the coasters/pagers from the charging base and page each one.
13. Reprogram any that do not page.

### Guest Alpha Coasters

This procedure is repeated for each pager being programmed. Two charging bases are suggested for programming Alpha Coasters.

> **Note:** *Guest Alpha Pagers numbers must be above POCSAG start.*

1. Put all coasters to be programmed on one charger base, leave the second base empty.
2. Complete the steps for programming "individual Pagers".

3. At the Select Type menu, press 1 (1: Guest Pagers).

4. Enter Pager Number and press ENTER.

5. Remove the coaster from the charger.

6. When flashing stops, press ENTER.

7. The pager will beep four times to indicate it is being programmed and the screen will display:
   **Example:** System ID = 0, Pager ID Number = 99, All Page = 911
   - [0]123 prg Single
   - [0]911 prg All Page
   - [0]0 prg System

8. Repeat steps 2 through 7 for the remaining coasters.

9. When finished, remove all of the coasters from the charging base and page each one.

10. Reprogram any that do not page.

## Staff Pagers (Star Type)

This procedure is repeated for each pager being programmed. Pagers may be replaced into the same slot in the charger.

1. Place all Pagers to be programmed in the charger.

2. Complete the steps for programming "individual Pagers".

3. At the Select Type menu, press 2 (2: Staff).

4. At Enter ID --- enter the number you wish to assign to the Pager and press ENTER.

5. Select if Pager should Vibrate F1 (Yes) or F4 (No).

6. Remove the Pager from the Charger.

7. When the Flashing Stops, press ENTER.

8. The Pager will slowly Brighten and Dim to Off to indicate it is being Programmed.

9. When Programming is finished, return the Pager to its Charging Base.

10. Repeat Steps 1 through 9 for the remaining Pagers.

11. When finished, remove all of the Pagers from the Charging Base and Page each one.

12. Reprogram any that do not page.

## Staff Pagers (Rechargeable Alpha Pagers)

This procedure is repeated for each pager being programmed.

**Note:** *Staff Alpha Pagers numbers must be above POCSAG start.*

1. Place pagers in charger.

2. Complete the Steps for Programming "Individual Pagers".

3. At the Select Type menu, press 2 (2: Staff).

4. At Enter ID --- enter the number you wish to assign to the Pager.

5. Remove the Pager from the charger.

6. At the screen display "Reset Pager. When Pager Stop…" press ENTER.

7. The pager will Vibrate and/or Beep.

8. When the Vibration/Beeping Stops, press ENTER again.

9. The Pager will beep three times to indicate it is being programmed and the screen will display:
   **Example:** System ID = 0, Pager ID Number = 99, All Page = 911
   - Prg C1: [0]99
   - Prg C2: [0]911

• Prg C3: [0]0

10. Return the Pager to the Charger when Programming is complete.
11. Repeat Steps 2 through 10 for the remaining Pagers.
12. When finished, remove Pagers from the Charger and Page each one.
13. Reprogram any Pagers that do not page.


## Staff Pagers (Battery Operated Alpha Pagers)

This procedure is repeated for each pager being programmed.

> **Note:** *Staff Alpha Pagers numbers must be above POCSAG start.*

1. Turn all of the Pagers Off (or remove batteries).
2. Complete the steps for Programming "individual Pagers".
3. At the Select Type menu, press 2 (2: Staff).
4. At Enter ID --- enter the number you wish to assign to the Pager.
5. Turn the Pager Off and then On (or reinstall the battery).
6. At screen display "Reset Pagers. When Pagers Stop…" press ENTER.
7. It will Vibrate and/or Beep.
8. When the Vibration/Beeping Stops, press ENTER again.
9. The Pager will beep three times to indicate it is being Programmed and the screen will display:
    **Example:** System ID = 0, Pager ID Number = 99, All Page = 911
    • Prg Single [0]99
    • Prg All Page [0]911
    • Prg System [0]0
10. Repeat Steps 2 through 9 for the remaining Pagers.
11. When you're finished programming, send a test page to each pager.
12. Repeat the programming procedure for any pagers that do not page.


# Alpha Encryption

• Only LRS Alpha pagers can be encrypted and be programmed from the transmitter
• Encryption does not change the pager numbering

1. Press Setup.
2. Enter Access Code.
3. Press the F2 (DN) until the display shows 2: Encryption.
4. Press 2 (2: Encryption).
5. Select:

```
1: ON/SET

2: OFF

3.TRANSMIT KEY
```

1 (1: On/Set) to enable encryption and set new encryption key
    • Enter 16 double digits (Note: all ff will disable the key)

---

(Example: 11:12:13:44:11:11:11:11:11:11:11:11:11:11:11:11)
  • Press ENTER when finished with each line.
  • Follow instructions on display.
  • Turn the pager off then on.
  • When it stops vibrating, press ENTER (note more than 1 pager can be encrypted at once).
  • Screen will display "Transmitting Key".
  • Pager will beep once and display "Pgr Encryption 128-bit".


 2 (2: Off) to disable encryption
   • The display shows "Transmit Key Now?" press the F1 (YES) key to send or F4 (NO).
   • Follow instructions on display.
   • Turn the pager off then on .
   • When it stops vibrating, press ENTER.
   • Screen will display "Transmitting Key".
   • Pager will beep once and display "Pgr Encryption None".


 3 (3: Transmit Key) to send the current encryption key to pagers.
    • Follow instructions on display.
    • Turn the pager off then on.
    • When it stops vibrating, press ENTER.
  **Note:** *more than 1 pager can be encrypted at once.*
   • The unit will wait 5 seconds and send out the signal.
   • The screen will display "prg encryption none" (or 128 bit key) then "Transmitting Key".
   • Continue this procedure with the remaining pagers.


# Program Pager Vibration

The Program Vibration feature can program a set of Guest or Staff Pagers all at once to Vibrate or not Vibrate when paged.

    1. Be sure All Pagers are on the Charger.
    2. Press Setup and enter Password.
    3. Press F2 (DN).
    4. Press 1 to select 1) Program.
    5. Press 2 to select 2) Prg Vibe.
    6. Press 1 to select Guest Pagers or 2 to select Staff Pagers.
    7. If selected Guest, select 1 for Coaster Pagers or 2 for Paddle Pagers.
    8. Press F1 (YES) to enable Pager to Vibrate, or F4 (NO) to prevent the Pager from Vibrating.
    9. Unplug the charger power supply.
   10. When Pagers finish flashing, press ENTER.
   11. Pagers will slowly brighten and dim to off to indicate they are being Programmed.
  **Note:** *Pagers will vibrate during glowing if vibration is enabled and will not vibrate if vibration was disabled.*
   12. When finished, plug the charger power supply back in.

# Program Welcome Message

The Welcome Message on a Staff 4-Line Alpha pager can be customized to show something new when the Pager is powered on.

1. Press SETUP and enter Password.
2. Press F2 (DN).
3. Press 1 to select 1) Program.
4. Press 3 to select 3) Prg Welcome.
5. Type in New Welcome Message and press ENTER.

**Note:** *The welcome message has a 32 character limit.*

6. Turn off and then turn on Alpha Pager.
7. Press ENTER.
8. Pager should Beep Once to indicate programming.
9. Cycle power on Pager to view New Message.

**Notice** - Operation is subject to the following:
- This device may cause interference.
- This device will accept any interference including interference that may cause undesired operation of the unit.

**Notice** - To reduce potential radio interference to other users, the antenna type and gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than required for successful communication.

# Transmitter

*Required voltage:* One 110/220V outlet for the pager keypad.

*Operating Frequency:* 420-470MHz

*Radiated Power* <4900 micro-volts/meter

*Operating Range:* Dependent upon pagers used, topography and environment.

# Battery Powered Pagers

Required voltage: One AAA Alkaline battery for the pager.

# Rechargeable Pagers

**Required Voltage:** (1) 110/220V outlets for pager charging base

**Battery Type**: Nickel Metal Hydride (NiMH). Rechargeable.

**Lifetime of Batteries:** Approximately 3-5 years. (depending on usage).

**Battery Charge Life**: Approximately 12 - 48 hours (depending on usage).

**Recharge Time:** Typically 8 hours depending on usage (24 hours minimum from completely "dead").

# Troubleshooting

## Display Shows Nothing

**Be sure power supply is plugged in.**

- If yes
  - Be sure power supply is good. Substitute the transmitter power supply with the charger supply.
  - Be sure the outlet circuit is on.
  - Unplug and re-plug a few times to be sure the unit doesn't need a reset.
- If no – plug it in.

**Remedy**

If power supply is good call LRS to troubleshoot further.

If power supply is bad call LRS to order a power supply.

## Pagers Do Not Receive Pages

**Be sure pagers are ON, Awake, Charged or have Good Batteries**

- Try paging more than one pager to be sure it's not a faulty pager.

## Battery Powered Pagers Don't Receive Pages

1. Be sure the pager is turned on and that the battery is good
2. If pagers do not turn on, replace battery and retry
3. If pagers do turn on, and still do not receive a page, check transmitter

If pagers continue to not receive pages, contact LRS.

# 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 or (214) 553-5308 (24/7 days a week)

**For weekend or night emergencies:**

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

# LRS Pagers Available

## Using the 4-Line Alphanumeric Pager



UP

SCROLL DOWN

DOWN

SELECT/READ
BUTTON
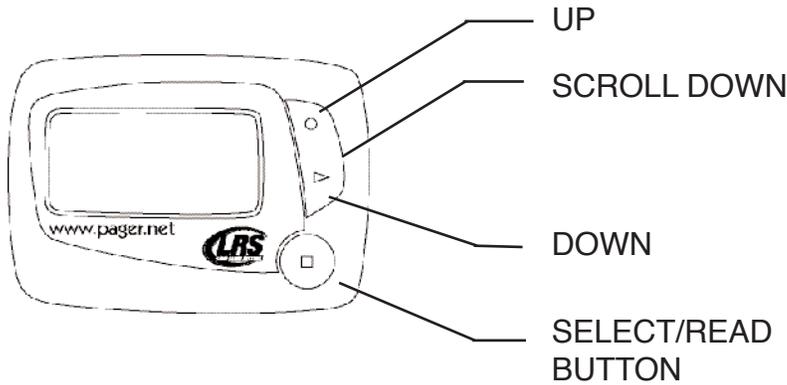
## Menus

*Alphanumeric Pager Screen*



UP
SCROLL
DN

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

*Alphanumeric Pager Screen*

```
 ⊙ ((▪))

READ ALL
10/25              10:38AM
```

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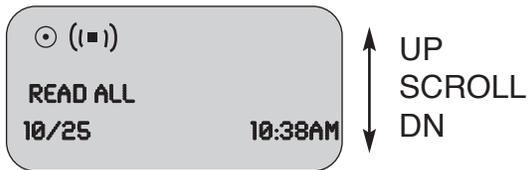
- Messages are displayed upon receipt.
- Press Read/Select to display.

**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, or Both.

3. Press Read/Select to set:

**Beep - Use the Up (or DN) scroll button to select:**
   • Select Beep Type - Loud or Soft and press Read/Select to set.
   • Set Alert Time (seconds) and press Read/Select to set.

**Vibe - Use the Up (or DN) scroll button to select:**
   • Set Vibe strength - Strong or Weak and press Read/Select to set.
   • Set Vibe Pulse - Cnst, P1, P2 or P3 and press Read/Select to set.
   • Set Alert Time (seconds) and press Read/Select to set.

**Both - Use the Up (or DN) scroll button to select:**
   • Set Vibe strength - Strong or Weak and press Read/Select to set.
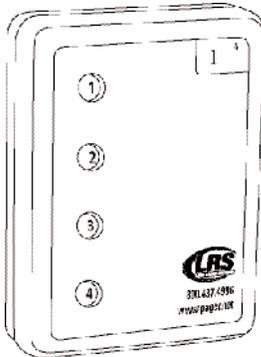   • Set Alert Time (seconds) and press Read/Select to set.

## Battery

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

## Programming

To program the pager see pg. 6
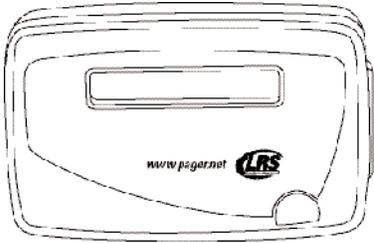
# Using the Star Pager



## Charging

Any rechargeable pager will require use of an LRS charger.

1. Place the pager in the charger.

2. Allow unit to fully charge overnight.

3. Remove from charger, and pager will vibrate and light all lights as a verification that it is working.

4. Replace the pager in the charger at the end of each day.
   • Star Pagers uses the charger 9 (CH-R9)

## Programming

To program the pager see pg. 6

# Using the SP5 1-Line Rechargeable Alphanumeric Pager



## Charging

The SP5 uses the Charger 5 (CH-R5)

      1. Place the pager in the charger.

      2. Allow unit to fully charge overnight.

      3. Remove from charger, pager will vibrate or beep to show it is working.

      4. LCD will show the pager's ID.

      5. Replace the pager in the charger at the end of each day.

## Menus

To access the vibe/contrast menu, remove the pager from the charger.  While vibrating or beeping, press and hold the Select button for 8 seconds.  This top-level menu will display:

*SP5 Pager Screen*



If you PRESS and RELEASE the SP5 pager button the menu will change to:

*SP5 Pager Screen*



To exit this menu wait 8 seconds.

To re-enter the vibe/contrast menu at any time, reset the pager, and then hold the SP5 pager button.

## Vibe

To set the Vibration Level

      1. Enter the vibe/contrast menu as described above.

      2. Highlight the Vibe selection then PRESS and HOLD the SP5 pager Button until the screen shows.

*SP5 Pager Screen*



      3.  Press or hold the Select Button to the desired vibration level.  The level will rise to max, Release the Select Button and press or hold again until the level goes to minimum or desired level.

      4. To exit, wait 8 seconds. And the pager will go back to the vibe/contrast menu.

*SP5 Pager Screen*

```
            VIBE       CONTRAST
```

## Contrast

To set the Contrast Level

1. Enter the vibe/contrast menu as described above.

2. Highlight the Contrast selection then PRESS and HOLD the SP5 pager Button until the screen shows.

*SP5 Pager Screen*

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

3. Press or hold the Select Button to the desired Contrast.  The level will increase to max (NOTE: screen could be dark and hard to read), Release the Select Button and press or hold again to change the level back towards the minimum or to desired contrast.

4. To exit, wait 8 seconds. And the pager will go back to the vibe/contrast menu.

*SP5 Pager Screen*

```
            VIBE       CONTRAST
```

5. 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. Press the Select Button once.

2. Messages 2 lines in length will show a > symbol on the end of the first line and a < on the second line. Messages over 2 lines in length, the middle lines will show   "< the next line of the message >".

3. Press the Select Button to continue scrolling forward through the message or messages.

## Time

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

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**Programming**

To program the pager see pg. 6

# Using Non-Alphanumeric Guest Pagers



**Charging**

Any rechargeable guest pager will require use of an LRS charger.

1. Place the guest pager in the charger. For 15 Coasters, 10 Pizza pager, and 10 Lobster call pagers. Do not stack more than 10 pagers at a time on a Charger.

2. Allow unit to charge fully overnight.

3. Remove from charger, and pager will vibrate, beep, and light all lights as a verification that it is working.

4. Replace the pager in the charger at the end of each day.

The pagers all use different chargers:

- Coasters use the Charger 8 (CH-R8).
- AdverTeasers and Star Pagers use the Charger 9 (CH-R9).
- Lobster Pagers use the Lobster Charger (CH-LP).
- Pizza Pagers use the Pizza Charger (CH-PZ).

**Programming**

To program the pager see pg. 6

# Using Alphanumeric Coaster Guest Pagers
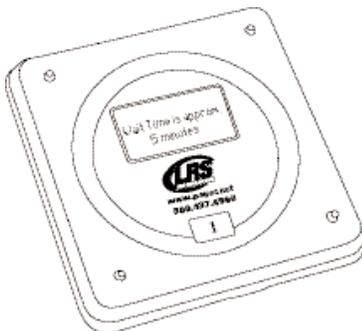


**Charging**

Any Alphanumeric Coaster pager will require use of an LRS coaster charger.

1. Place the pager in the charger. 15 pagers at a time on a Charger.

2. Allow unit to charge fully overnight.

3. Remove from charger, and pager will vibrate, beep, and light all lights as a verification that it is working.

4. Replace the pager in the charger at the end of each day.
  • The Alphanumeric Coasters use the Charger 8 (CH-R8).

## Programming

To program the pager see pg. 6

# 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 10 VAC 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, 214.553.5308 or your local LRS dealer.

| **LRS Australia** | **LRS Brazil** | **LRS Canada** | **LRS Colombia** |
|---|---|---|---|
| +61 (02) 995 5700 | 5511 41528416 | 877.607.7243 | (+57) 1 - 7592452 |
| www.lrsaustralia.com.au | www.lrspager.com.br | www.lrscanada.ca | www.lrscolombia.com |
| **LRS Europe GmbH** | **LRS Middle East Ltd** | **LRS South Africa** | **LRS United Kingdom** |
| +49 531 310542 0 | +9613 81 82 84 | +27 21 422 4975 | +44(0)1782 537000 |
| www.lrs.eu.com | www.lrs-lb.com | www.lrssa.com | www.lrspagers.co.uk |

# Warranty

Long Range Systems Inc warrants this product against any defects that are due to faulty material or workmanship for a standard one-year period after the original date of consumer purchase. The warranty does not include damage to the product resulting from accident, misuse, improper electrical connection, or failure to charge the product within 30 days of receipt. Rechargeable pagers are required to stay on charge while not in use. Rechargeable pagers that are left off of charge for longer than 30 days will have a negative impact on the life of the batteries requiring them to be replaced thus voiding the warranty. If this product should become defective within the warranty period, we will repair or replace it with an equivalent product, free of charge. LRS will return your product via UPS ground shipping. All warranty claims must be initiated through our customer service department.

<div align="center">

**Customer Service: 800.437.4996**

**4550 Excel Parkway, Suite 200**

**Addison, TX 75001**

</div>

This warranty gives you specific legal rights and you may also have rights that vary from state to state.

## EU DECLARATION OF CONFORMITY

We, Long Range Systems hereby declare under our sole responsibility that the 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 301 489-2: 2002** |
| **EN61000-3-2: 1998** | **EN 61000-3-3: 1995** |
| **EN 60950: 1992 with A1, A2, & A3.** | |

# Terms & Conditions

## GENERAL TERMS AND CONDITIONS FOR LONG RANGE SYSTEMS, LLC (FOR PURCHASERS)

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").

**Limited Software Use License.** All software and firmware (collectively "Software") is licensed for use only by Purchaser and, in the case of Software for paging receivers, by customers of Purchasers. The Software is not sold.

**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.

**Data Collection.** In connection with the Deliverables, data provided by Purchaser and its customers may be collected in connection with surveys, consultations, and uses of the Deliverables, including email addresses, telephone numbers, locations of users (which may utilize geo-location technology), times of usage, times of paging, times of responses to paging, devices used, configuration preferences, cookies, and social network information. In order to provide LRS's customers with enhanced comparative benchmarking services with respect to customer industries, among other services, Purchaser hereby grants to LRS a royalty-free, perpetual, irrevocable license to use and distribute this data and results obtained through Purchaser's use of the Deliverables for any and all purposes; provided that LRS shall not identify any Purchaser, or distribute to third parties any "protected health information" (as defined by HIPAA) or billing or financial payment data of any customer or consumer of Purchaser, without the express prior consent of such Purchaser. Purchaser warrants that Purchaser has the right to disclose, transfer or otherwise make available any Protected Health Information (as defined in 45 C.F.R. § 160.103) or other personally identifiable information that is made available to LRS by Purchaser or by Purchaser's customers in connection with the Software or other Deliverables. Without limiting the foregoing, Purchaser shall obtain all authorizations, consents or other permissions from Purchaser's customers (or the customer's authorized personal representative) for the disclosure of customers' personally identifiable information to LRS that are required by federal, state or local law, including, without limitation, the administrative simplification section of the Health Insurance Portability and Accountability Act of 1996 and its implementing regulations.

**Limited Warranty.** LRS warrants to only Purchaser that the Deliverables will perform in accordance with specifications for them that LRS has published prior to their delivery for a period of time as specified in the purchase agreement or purchase order relating to such Deliverables. This limited warranty shall be voided if any Deliverable is modified or serviced by someone other than LRS.

**Disclaimers.** LRS HEREBY DISCLAIMS ALL IMPLIED WARRANTIES CONCERNING THE DELIVERABLES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY IMPLIED WARRANTY OF NON-INFRINGEMENT. PURCHASER ACCEPTS THE DELIVERABLES "AS IS," EXCEPT FOR THE EXPRESS LIMITED WARRANTY MADE HEREIN.

**Limitation of Remedies.**  In the event of any breach of any express warranty made herein, LRS may at its option repair or replace any defective Deliverable or refund the money that Purchaser paid for it. LRS's total liability for any defect in any Deliverable or for any other breach of any of its duties and obligations to Purchaser shall be limited to the amount of money that was paid for the defective Deliverable or the other duty or obligation. LRS will in no event be liable for any lost profit or any other type of consequential damage.

**Confidentiality.**  The Deliverables and all computer systems that deliver any portion of them contain confidential trade secret information. Purchaser shall not attempt to reverse engineer any portion of the Deliverables or such computer systems, such as to decompile any portion of the Software, nor aid anyone else in doing so.

**Intellectual Property.**  No portion of any intellectual property right in the Deliverables is being transferred to the Purchaser or to its customers. Purchaser may not copy or modify any portion of the Deliverables, nor permit or aid anyone else in doing so. Notwithstanding, Purchaser may use the Deliverables as they are intended to be used, as expressed in written materials published by LRS.

**Operational Authority and Licensing Requirements.**  Non-Federal government Purchasers may operate the Deliverables within the United States under the licensing authority issued to LRS by the Federal Communications Commission (FCC), provided, however, that such operation is: (a) subject to LRS's control, (b) conducted on a non-profit, cost shared basis with costs apportioned as part of the price for such Deliverable, (c) in accordance method of operation set forth in the manual for the deliverable, available for download at  http://lrsus.com/support  and (d) limited to the term of this Agreement, the term of LRS's authority, or a term otherwise specified by LRS, whichever expires earlier.  Notwithstanding the provision below entitled "No Third Party Beneficiary," users of any Deliverables acquired from Purchasers or other entities may contact LRS to determine if they may be eligible to operate under LRS's authority. Alternatively, Purchasers and users may obtain their own licensing authority; the FCC posts a list of licensing coordinators at http://wireless.fcc.gov/services/index.htm?job=licensing_3&id=industrial_business. Purchasers and eligible users of any Deliverable agree to abide by and strictly adhere to any rules, regulations and guidelines, including the FCC's rules, governing the operation of the Deliverable. Changes or modifications to any portion of any Deliverable may void the Purchaser's or user's authority to operate the Deliverable and should not be made without the express approval of LRS. Moreover, use of any portion of any Deliverable outside the United States is subject to the rules and regulations of other countries and may be prohibited. Use of any Deliverable constitutes Purchaser's and user's acceptance of and agreement to these General Terms and Conditions, including any revisions to these General Terms and Conditions that may be required to reflect changes in the regulatory or other obligations imposed upon LRS.

**Governing Law and Venue.**  These General Terms and Conditions and any agreement relating to them shall be construed in accordance with and governed by the laws of the State of Texas (without regard to its conflicts of laws). Any dispute relating to these General Terms and Conditions and any agreement relating to them may only be heard and resolved by a court in Dallas County in the State of Texas. Purchaser consents to the personal jurisdiction of such courts over it.  If any action at law or in equity is necessary to enforce or interpret any of the rights or obligations of the parties to these General Terms and Conditions, the prevailing party shall be entitled to reasonable attorneys' fees, costs, and necessary disbursements, in addition to any other relief to which it may be entitled.

**No Assignment or Transfer.**  The rights and benefits provided under these General Terms and Conditions, as well as under any agreement that incorporates them, shall not be assigned without the express written permission of LRS.  Similarly, the Deliverables may not be transferred to any other person, without the express written permission of LRS. Notwithstanding, Purchaser may temporarily loan its customers paging receivers. Purchaser may also transfer the Deliverables, as well as the rights and benefits under these General Terms and Conditions and any agreement that incorporates them, as an ancillary part of a sale of its business or substantially all of its assets. Following any assignment or transfer, Purchaser shall remain bound by all of the duties and obligations that are set forth in these General Terms and Conditions and any agree-

ment that incorporates them.

**No Third Party Beneficiary.** Except as otherwise expressly provided in this Agreement, these General Terms and Conditions, as well as any agreement that incorporates them, are solely for the benefit of Purchaser. Neither the customers of Purchaser, nor any other person is an intended beneficiary of these General Terms and Conditions or any agreement that incorporates them, nor shall any such person have the right to any benefit that is provided under these General Terms and Conditions or any agreement that incorporates them.

**Merger.** Except as otherwise specifically set forth herein, these General Terms and Conditions, and any agreement that incorporates them, supersede any oral or other representation that may have been made about these General Terms and Conditions, any agreement that incorporates them, or any of the Deliverables. These General Terms and Conditions, and any agreement that incorporates them, may not be modified or superseded, except by a written agreement or a written amendment that is signed by LRS. In the event of any inconsistency between these General Terms and Conditions or any agreement that incorporates them and any form or other document supplied by Purchaser, such as a purchase order, the terms of these General Terms and Conditions or any agreement that incorporates will prevail

**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.

**Term & Termination.** Purchaser has the option of purchasing Monthly or Annual service plans which are non-refundable and not available for proration except as required by law. Monthly agreements will auto-renew on a month-to-month basis until such time that a formal termination notice has been received by LRS. Prepaid Annual agreements will automatically renew at the end of each annual term unless Purchaser has given cancellation notice 30 days in advance of renewal term. Monthly-billed Annual agreements will auto-renew on a perpetual month-to-month basis upon completion of the initial annual term until cancellation notice is received by LRS. In the event that any agreement incorporating these General Terms and Conditions is terminated for any reason, all of the duties and obligations that the agreement and these General Terms and Conditions impose upon Purchaser shall continue in full force and effect, except any obligation to make payment for a Deliverable prior to its delivery.