

TX-9561CT

Paging System Transmitter

USER MANUAL



LONG RANGE SOLUTIONS, LLC

LRSUS.COM | 800.437.4996 |

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GENERAL INFORMATION

Congratulations on the purchase of your on-premises paging system. Please keep these instructions in an easy to find place for future reference. For questions or help pertaining to your paging system that aren't found in this manual, please call us at: 800-437-4996.

KEYPAD OPERATION

Number Keys **0-9** – used to enter the pager number.

X - Delete the previous typed entry.

PROG – Used for Over the Air (OTA) pager programming and System settings.

ALERT MODE KEYS - One touch sets transmitter default Alert mode.

COLOR KEYS – Transmits the numeric entry for the pager in the color of the key press.

NUMERIC KEYS PAGING PAGER

The TX-9561CT will page single pagers numbered from 1-799.

To page a pager, press the pager number and then any color button to immediately send a page with the selected color and the default Alert mode setting.

To change the Alert mode, select 1 of the 4 Alert mode time settings. See below on how to access all 7 default alert settings.

Example: To page pager #22 in Red with the Default alert setting. Use key sequence **2-2-RED**.

To use the All Page, press **9-1-1**. This will immediately send a page to all pagers.

ALERT MODE TIME KEYS

Four keys are provided for quick single touch mode and timing changes.

Pressing one of these keys will display a 98x number which represents a memory default setting. See below configuring default alert settings.

Time values for pagers are:

- 10 second Flash and Vibration
- 30 Seconds Flash and Vibration
- 20 second Flash and Vibration followed by 40 seconds of just Flashing.
- 5 Minute Glow and Vibration.

Once a mode is selected all pages will activate using this mode setting.

There are 7 color settings which can be selected see below.

COLOR KEYS

Seven solid color keys will send a OTA page to the numeric pager entered.

LEDs on the pager will light up in the selected color for the alert mode time.

The multicolored key will send a page to active multiple LED colors on the pagers.

There are 4 different selections of multi color paging. They are selectable by the key sequence.

PROG-MULTICOLOR Key. A screen of “rolling 8’s” will indicate the key sequence has been accepted.

Multi-color key flashings are:

- Red/White/Blue
- Blue/Orange
- Red/Green
- Green/Yellow.

CONFIGURING DEFAULT ALERT SETTINGS

CS8 pagers have 7 fixed alert mode settings.
Four modes can be selected using the one touch alert mode buttons.
All other settings can be selected using the key combination PROG – 98x – PROG.

980 – Flash/Vibe 1 Second

981 – Flash/Vibe 30 Seconds

982 – Flash/Vibe 5 minutes

983 – Flash/Vibe/Beep 5 Minutes -*

note that CS8 model does not have a
beeper.

984 – Glow 15 Times

985 – Glow 5 Minutes

986 - Flash/Vibe 10 seconds

987 – Flash/Vibe 20 Seconds followed by
Flash only 40 seconds.

Example: to select the mode Glow 15 times
press key sequence **PROG – 984 – PROG**

CHECKING OPERATION SETTINGS

Operation settings can be viewed in the LED display as follows.

- PROG – 811 – PROG** – Firmware Version Display
- PROG – 812 – PROG** - System ID
- PROG – 813 – PROG** - *Note mode setting fixed at 996

SETTING OPERATION MODE

The TX-9561CT is designed to work with CS8 Coasters Pagers; However, it will page CS6/CS7 pagers using the default alert mode set in the coaster.

The mode for CS6/CS7 is not changeable.

SYSTEM ID

System ID can be configured from 0 to 49 by key sequence **PROG - 9-0-x-PROG** where (x = sys ID from 0 to 9; or 9- x-x from 10 - 49).

Please contact Long Range Solutions Support before changing the System ID of your transmitter.

RANGE TEST

The Range Test feature is used to broadcast a continuous signal. This will allow for testing within your location regarding range for your pagers to receive a page from the TX-9561CT.

To turn ON Range Test, press key sequence **PROG - 9-9-2-PROG**

When the range test is active, the LCD will display an 8 moving across screen. Then the red LED will transmit once every 10 seconds.

To turn OFF Range Test, press **CLR**

SLEEP MODE

To put coasters in a low power using "sleep mode", press key sequence **PROG- 9-9-4-PROG**.

This is the state that your pagers arrived in when purchased from LRS. This prevents battery drainage when not in use over long periods of time.

To awaken from sleep mode, the pagers simply need to be put on a charging base very briefly to be active again.

PAGER PROGRAMMING

The TX-9561CT can program any LRS Coaster Pager.

1. Remove the pager from the charger base.
2. Allow the pager to complete the vibration and flashing sequence.
3. Press the key sequence **PROG - (1-799) - PROG**. (Example: For Pager #200, press **PROG-2-0-0-PROG**)
4. The pager will glow white once to indicate it received the programming.
5. Return the pager to the charger base until it flashes a RED heartbeat signal.

LOW BATTERY ALERT

Low Battery Alert

When the transmitter's battery is low, the LCD will display "LoBat" on a transmission.

LoBat indicator will turn on during a power plugin or reset condition.

FACTORY RESET

To reset the transmitter factory defaults, press key sequence PROG-0-0-0-PROG. CAUTION: Doing this will revert to factory defaults and will erase any previously held settings.

CLEANING & CHARGING 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.

*** Tests conducted in our Lab have shown that using Ammonium Chloride based cleaners (n-Alkyl C12, C14, C16) greatly increase cracking of our coasters plastic housing. ***

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 long periods of inactivity. In cases of seasonal use, you should consider putting your pagers in "Sleep" mode mentioned earlier.

Should you have any questions, please contact the LRS Customer Service Department at 800-437-499

TROUBLESHOOTING

Transmitter Unit

Transmitter Display does not light when a key is pressed.

- The proper power supply for this transmitter is 12VDC 4.0A
- Ensuring that the proper power supply is in use, plug the TX-9561CT into that power supply and allow it to charge for 30 minutes.
- If the display still is blank and has no power, substitute the power supply being used with the power supply used for the pager charging base (this is meant as a test only and not as a permanent replacement)
- If substituting with another power supply results in a TX-9561CT that is working properly, please call LRS to purchase a new power supply for the TX-9561CT.

Transmitter display is okay, but the pager does not receive the page.

Check whether this affects all pagers or just one pager.

If only one pager is affected:

- Ensure that the pager is properly charged and initiates a vibrate/flash sequence when removed from the charging base.

- If the pager does not vibrate and flash when removed from the charging base, please charge it overnight before troubleshooting further.
- If the pager initiates the vibrate/flash sequence when removed from the charging base, please continue with the next steps.

If ALL pagers are affected and none of them will page:

- Check the SYS ID on the TX-9561CT to ensure that it matches the SYS ID for the pagers (please call LRS if you do not have this information on file)
- If the SYS ID is correct, all pagers are appropriately charged yet none of the pagers page, please contact LRS
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Pager(s) is not charging.

When placed on the charging base, do all pagers flash a red light every five seconds?

If no pagers light up, check the charging base unit for a Red LED. If the charge base has a Red LED ON, remove all coasters from the charging base disconnect the power supply from charging base and reconnect after 10 seconds. Place coasters one at a time on the charge base. Verify the charge base Red LED does not turn ON. If it turns on again contact LRS Support.

If only some pagers have light up, please do the following:

- Check the physical connection of the unlit coaster as contaminants on the charge pins can cause charging to stop.
- Remove the main power supply and all jumper wires (all pagers will go off at once and this is ok)
- Insert the power supply into each individual row (or base for Coasters) to see if the pagers on that row/Coaster base all light up.
 - If all pagers on that row or Coaster base light up, please test the next row/base with the power supply until you have tested each one.
 - If some of the pagers do not light up but those specific pagers light up on other rows/bases, please call LRS to have this row/base replaced.

If all pagers have the charge light lit up as you test the individual rows/bases, you may have a jumper wire that is not connecting properly or causing a short. Please contact LRS to purchase additional jumper wires to replace ones that are not working as they should.

Note Regarding Pagers: Please be sure that all CS6 or CS7 pagers are plugged in and charging when not in use. CS8 pagers use a Lithium-ION battery that maintains battery life longest if kept at 80% of full capacity charge.

Please also note that a maximum of 15 Coasters allowed per charging base. Please contact LRS to purchase additional charging bases to supplement your entire inventory.

SERVICE QUESTIONS AND ANSWERS

What to do if the system malfunctions

Should your paging system ever fail to function properly, refer to the previous trouble-shooting section. If you've followed all the steps and requirements and your system is still inoperable, you may submit a support request at support.LRSUS.com or call Long Range Systems at (800) 437-4996 Monday through Friday 8:30 am to 5:00 pm Central Time.

For after-hours inquiries, please follow the instructions on the support line. LRS Customer Support will return the call as soon as possible. Please keep in mind that options are limited over the weekend.

System Repair After Warranty Expiration

Call Long Range Solutions before sending a non-warranty item in for repair.

Ordering Additional Pagers

Call Long Range Solutions at 800-437-4996 to place your order or go to LRSUS.com.

Loss Deterrent and Recovery

Return address labels on the back of all of your equipment are highly recommended. Should any of your pagers be taken off premises, this will help them find their way back to you. You may order return address labels from LRS or print them yourself.

WARRANTY

Long Range Solutions, LLC (LRS) provides a one-year limited warranty on Complete Systems. We warranty your system against defects in materials and workmanship that occur under ordinary use for one year from the original ship date. Warranty does not include damage to the product resulting from accident, natural disasters, misuse, improper electrical connection, or failure to charge the product within 30 days of receipt. Devices with a rechargeable battery are required to stay on charge while not in use. Rechargeable devices that are left off from charge for longer than 90 days will have a negative impact on the life of the batteries and will void the warranty. If a defect arises in a device, we will at our option, to the extent permitted by law, either (i) repair the Device using either new or refurbished parts, or (ii) replace the Device with a new or refurbished Device that is equivalent to the Device to be replaced.

LRS provides a 30-day limited warranty on individual parts purchased separately ("Parts") or for the remaining period of an associated Complete System's one-year warranty, whichever period is longer.

Implied warranties also expire after one year (Complete Systems) or 30-days (Parts), as appropriate. All other warranties, whether express or implied, are disclaimed.

LRS returns repaired or replacement products via FedEx ground shipping. All warranty claims must be initiated through our customer service department at lrsus.com/support, support@lrsus.com or 800-437-4996.

Exclusions and exceptions may apply. To view our entire warranty policy, visit <http://lrsus.com/warranties>. For information about LRS' return policy, visit <http://pager.net/company/return-policy/>.

You can also contact our customer service department to request a written copy of our warranties via:

support@lrsus.com

800-437-4996

Mail address:

Long Range Solutions, LLC

9525 Forest View Street

Dallas, Texas 75243

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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, and

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

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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 Information ISED RSS warning

This device complies with Innovation, Science and Economic Development Canada Compliance license-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

SAR tests are conducted using standard operating positions accepted by the FCC/ISED with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. Before a new device is available for sale to the public, it must be tested and certified to the FCC/ISED that it does not exceed the exposure limit established by the FCC/ISED. Tests for each device are performed in positions and locations as required by the FCC/ISED. Non-compliance with the above restrictions may result in violation of RF exposure guidelines.

Les tests SAR sont effectués en utilisant des positions de fonctionnement standard acceptées par la FCC/ISED avec l'appareil transmettant à son niveau de puissance certifié le plus élevé dans toutes les bandes de fréquences testées, bien que le SAR soit déterminé au niveau de puissance certifié le plus élevé, le niveau SAR réel du téléphone tout en fonctionnement peut être bien en dessous de la valeur maximale. Avant qu'un nouvel appareil ne soit disponible à la vente au public, il doit être testé et certifié par la FCC/ISED qu'il ne dépasse pas la limite d'exposition établie par la FCC/ISED. Les tests pour chaque appareil sont effectués dans des positions et des emplacements tels que requis par la FCC/ISED. Le non-respect des restrictions ci-dessus peut entraîner une violation des directives d'exposition aux RF.

TERMS & CONDTIONS

GENERAL TERMS AND CONDITIONS FOR LONG RANGE SOLUTIONS, 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 Solutions, 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 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. With-out 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 DE-LIVER-ABLES, 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 HERE-IN.

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. 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://wire-less.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 agreement 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.

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