

# PAGER TRANSMITTER

## USER INSTRUCTION MANUAL

FCC ID :QBTLTK-1400A  
Trade Name : PAGER TRANSMITTER  
Model No. :LTK-1400A

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 UNDESIRE OPERATION.

LEE TECHNOLOGIES KOREA CO., LTD.

## FCC NOTICE

**WARNING :** The antenna must be installed in a manner that ensures a minimum separation distance of 30 centimeters between the antenna and human beings.

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# PAGER TRANSMITTER

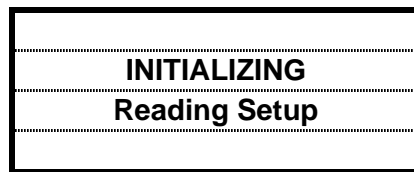
## . PREFACE

Pager transmitter, LTK-1400A is the desktop paging system capable of addressing more than 1000 pagers with Alpha message or Numeric message. It consists of a fully featured encoder with a large 4 line by 64 character LCD display.

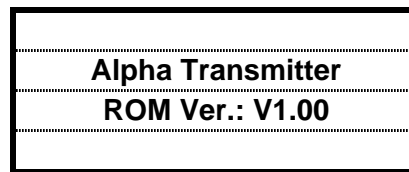
## .TURNING THE TX ON/OFF

\* Plug the Pager Transmitter A/C Adaptor into the Pager Transmitter and then into a standard 110 outlet.

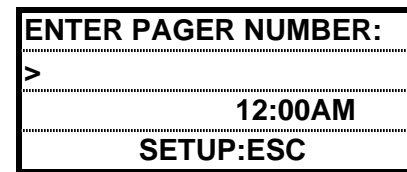
\* And the initial LCD screen is as below.



1/1



1/2



1/3(Initial screen)

## . SEND A PAGE

### 1. NUMERIC MESSAGE

- (1) Input "1" in initial screen and then press ENTER.
- (2) Go to 1.NUMERIC TYPE using \*( ) and #( ) Key and then press ENTER.
- (3) Input message in ENTER MESSAGE(Maximum available up to 16 characters) and then press ENTER.
- (4) Transmit message and return to initial screen. (Sending Message Please Wait)  
To return to an initial screen(1/3) on the process, input CANCEL.

### 2. ALPHA MESSAGE

- (1) Input "1" in initial screen and then press ENTER.
- (2) Go to 2.ALPHA TYPE using \*( ) and #( ) Key and then press ENTER.

- (3) Input message in ENTER MESSAGE (Maximum available up to 128 characters) and then press ENTER.
- (4) Transmit message and return to initial screen. (Sending Message Please Wait)  
To return to an initial screen(1/3) on the process, input CANCEL.

### **3. PRE-SET MESSAGE(ON)**

#### **1) To send the preset default message**

**Before this process, Make the Pre-Set Msg ON.**

- (1) Input "1" in initial screen and then press ENTER.
- (2) Go to 1.NUMERIC TYPE using \*( ) and #( ) Key and then press ENTER.
- (3) When "Enter Pre-Set Message(1-4):" is displayed, input nothing and then press ENTER.
- (4) When "ENTER MESSAGE:" is displayed, input no message and then press ENTER.
- (5) "Sending Message Please Wait" is displayed and transmit Pre-Set Default Message.  
To return an initial screen(1/3) on the process, input CANCEL.

#### **2) To send the preset message desired**

**Before this process, Make the Pre-Set Msg ON.**

- (1) Input "1" in initial screen and then press ENTER.
- (2) Go to 1.NUMERIC TYPE using \*( ) and #( ) Key and then press ENTER.
- (3) When "Enter Pre-Set Message(1-4):" is displayed, input number among 1-4 and then press ENTER.
- (4) When "ENTER MESSAGE:" is displayed, input no message and then press ENTER.
- (5) "Sending Message Please Wait" is displayed and transmit selected Pre-Set Message(1-4).  
To return an initial screen(1/3) on the process, input CANCEL.

### **4. ALPHA MESSAGE(ON)**

- (1) Input "1" and then press ENTER.
- (2) Go to 2.ALPHA TYPE using \*( ) and #( ) Key and then press ENTER.
- (3) Input 1 and Message which is saved in Menu Options is displayed. And then press ENTER.
- (4) "ENTER MESSAGE:" is displayed and press ENTER without any input.
- (5) "Sending Message Please Wait" is displayed and transmit message which is set in Alpha Message.  
To return an initial screen(1/3) on the process, input CANCEL.

### **5. TRANSMIT INDIVIDUAL PAGER NUMBER**

### 1) Set Default Msg:OFF in Menu Options

\* In initial screen(1/3), input "1" and push SEND then No Message is transmitted.

### 2) Set Default Msg:ON in Menu Options

\* In initial screen(1/3), input "1" and push SEND then Message which is set in Set Default Msg is transmitted.

## 6. ERROR MODE

(1) In initial screen, input number which is over 1249 and then press ENTER.

(2) "Extension Number Is Invalid" is displayed with transmit nothing and then return to initial screen.(1/3)

## . SETUP MENU

### 1. MENU OPTIONS

- \* Current Time Setup
- \* Range Test Setup
- \* Pager Alert Setup
- \* Out of Range Setup

- \* Sleep Time Setup
- \* Preset Message Setup
- \* Duty Alert Setup
- \* Alpha Message Setup

### 2. MENU SETUP

(1) To enter menu setup mode, press SETUP in initial screen.

(2) "ENTER PASSWORD?" Is displayed.

(3) Input password and then Menu Options is displayed.

\* USER PASSWORD? : 1379

(4) Can move Menu No.1-8 by Number Key.

To return an initial screen(1/3) on the process, input CANCEL.

#### 1) CURRENT TIME SETUP

(1) In Menu Options, Go to 1.Set Current Time Setting using \*( ) and #( ) Key and press ENTER.

(2) "Set Current Time" is displayed and default time is 12:00 AM.

(3) Set hour(1-12) and then press ENTER.

(4) Set minute(0-60) and then press ENTER.

(5) Set AM/PM using \*( ) and #( ) Key.

(6) Press ENTER, and then return to Menu Options screen.

If hour(1-12) or minute(00-59) is set by other number, it moves to default time.

## **2) SLEEP TIME SETUP**

- (1) Go to 2.Sleep Time Setting using \*( ) and #( ) Key and then press ENTER.
- (2) Select 1.ON or 2.OFF using \*( ) and #( ) Key and then press ENTER.
- (3) Sleep Time is displayed and default Sleep Time is 12:00 AM.
- (4) Input hour(1-12) and then press ENTER.
- (5) Input minute(00-59) and then press ENTER.
- (6) Select AM/PM using \*( ) and #( ) Key and then press ENTER.
- (7) The screen moves to Menu Options screen.

## **3) RANGE TEST SETUP**

- (1) Go to 3.Range Test using \*( ) and #( ) Key and then press ENTER.
- (2) Using \*( ) and #( ) Key, select 1.ON & 2.OFF and then press ENTER.
- (3) Testing Range is displayed and transmit the range test signal.
- (4) The screen moves to Menu Options screen.  
To return to Menu Options on the process, input CANCEL.

## **4) Pre-Set Message SETUP**

- (1) Go to 4.Pre-Set Msg using \*( ) and #( ) Key and then press ENTER.
- (2) Go to 1.PreSet Msg:ON/OFF using \*( ) and #( ) Key, and then press ENTER.
- (3) Select 1.ON or 2.OFF using \*( ) and #( ) Key.
- (4) The screen returns to Menu Options screen.  
# To set the Pre-Set Default Message.
- (5) Go to 4.Pre-Set Msg using \*( ) and #( ) Key and then press ENTER.
- (6) Go to 2.PreSet Default Msg using \*( ) and #( ) Key, and then press ENTER.
- (7) Input the Pre-Set Default Message and then press ENTER.
- (8) The screen returns to Menu Options screen.  
To return to Menu Options on the process, input CANCEL.

## **5) PAGER ALERT SETUP**

- (1) Go to 5.Set Pager Alert and then press ENTER.

- (2) Select one among "Set Pager Alert:" list using \*( ) and #( ) Key, and then press ENTER.
- (3) "Are All Pagers Returned??" is displayed and then press ENTER.
- (4) "Unplug All Coasters" is displayed and then press ENTER.
- (5) "Message Sent Plug In Pager" is displayed and transmit message twice and then move to Menu Options.

\* Pager Alert Message LIST

- 1.Vibe Only (9292)
- 2.Vibe & Flash (9696)
- 3.Flash Only (9797)
- 4.Flash & Beep (9595)
- 5.Flash & Vibe & Beep (9898)

To return to Menu Options on the process, input CANCEL.

## 6) Duty Alert SETUP

- (1) Go to 6.Set Duty Alert using \*( ) and #( ) Key and then press ENTER.
- (2) Select 1.Duty Alert #1 using \*( ) and #( ) Key and then press ENTER.
- (3) Select 1.ON or 2.OFF using \*( ) and #( ) Key and then select 1.NUMERIC TYPE or 2.ALPHA TYPE using \*( ) and #( ) Key.
- (4) Press ENTER and input Set Pager Number (available 1-1249) and then press ENTER again.
- (5) Input Cycle Time (available 1-240 min.) and then press ENTER.
- (6) Input ENTER Message (Can input Numeric Message up to 12 characters and Alpha Message up to 128 characters(including #,\*)) and then press ENTER.
- (7) "Duty 0001 Save" is displayed and move to Duty Alert(1-3) screen.(same way with Duty Alert #2 and Duty Alert #3)
- (8) The screen moves to Menu Options.

To return to Menu Options on the process, input CANCEL.

## 7) Out of Range SETUP

- (1) Go to 7.Out Of Range using \*( ) and #( ) Key and then press ENTER.
- (2) Select 1.On or 2.OFF using \*( ) and #( ) Key and then press ENTER.
- (3) "Are All Pagers Returned??" is displayed and then press ENTER.
- (4) "Unplug All Coasters" is displayed and then press ENTER.
- (5) "Message Sent Plug In Pagers" is displayed and transmit Message twice.
- (6) With saving, move to Menu Options(Out of Range).

To return to Menu Options on the process, input CANCEL.

cf) Out of Range:ON(Message 9494), Out of Range:OFF(Message 9393)

## 8) Alpha Message SETUP



- (1) Go to 8.Set Alpha Msg using \*( ) and #( ) Key and then press ENTER.
- (2) Select 1.Alpha Msg:ON/OFF using \*( ) and #( ) Key and then press ENTER.
- (3) Select 1.ON using \*( ) and #( ) Key and then press ENTER.
- (4) Select 2.Alpha Msg(0-9) using \*( ) and #( ) Key and then press ENTER.
- (5) Input number in Alpha Message(0-9): and then press ENTER.
- (6) Then input messages (maximum available up to 128 characters) and then press ENTER.
- (7) "Saving Message Please Wait" is displayed and move to Alpha Message(0-9) screen.
- (8) Input same process with other number, If necessary.
- (9) After input all, Message is displayed in sequence.  
To return to Menu Options on the process, input CANCEL.

# **Troubleshooting**

## **Transmitter will not display anything**

- a. Make sure there is power to the outlet
- a. Check all connections.

If you try all this and the transmitter still wont power up your power supply may be bad. If display is still blank, call us

## **Before you call, try some of the following suggestion**

\*Remember that the capability of your system will be affected by: Foil backed wallboard, Metal mesh, wire reinforced glass, metal sheeting, large mirrors, suspended ceilings, lift shafts etc. These can all reflect and thereby reduce the signaling capability of the transmitter. A little forethought prior to installation, coupled with a few tests, can normally avoid most of these problems.

1. Read through the manual. Answers to most questions can be found there.

A trouble shooting section further assists you in diagnosing the problem.

## **2. IMPORTANT NOTICE:**

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.

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

**To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.**

**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..**

**Warning:** Changes or modifications made to this equipment not expressly approved by LEETEK may void the FCC authorization to operate this equipment.

**3. CAUTION :** Never use any cleaner other than alcohol for the maintenance of this equipment. Organic solvent such as benzene, toluene or acetone may spoil the plastic parts of this equipment.

#### **4.RF Radiation Exposure**

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment must be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

#### **5.Do not subject this equipment to:**

1)Mechanical shock 2)Excessive humidity or moisture 3)Extremes of temperature 4)Corrosive liquids

#### **6.Warning ! No user serviceable parts**

Alteration or modification to any part of this equipment, without the prior written consent of the manufacturer, will invalidate all manufacturer approvals and warranty. No adjustments can be undertaken except by qualified and licensed persons as defined by the FCC Rules and Regulations. Operation of altered equipment can result in fines, imprisonment, and /or confiscation of such equipment.

## **WARRANTY**

**LeeTek** warrants this product against any defects that are due to faulty material or workmanship for a one-year period after the original date of consumer purchase. This warranty does not include damage to the product resulting from accident, misuse or improper electrical connection. **Power supplies are warranted for 60 days. We recommend the use of a surge protector with all equipment.** If this product should become defective within the warranty period, we will repair or replace with equivalent product, free of charge. We will return your product, transportation charges prepaid standard shipping mode, provided the product is shipped prepaid to:

**LEETEK, 3<sup>rd</sup> FL #499-2 Sang 3-dong, Wonmi-gu, Puchon-city, Kyunggi-do, KOREA**

No return will be received without prior authorization and the proper RMA # posted to the outside of the shipping container.

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

## **I need to send some transmitter in for repair - What do I do?**

Within warranty period / Covered by our Product-Care Program:

Ship malfunctioning components to the following address:

**3<sup>rd</sup> FL, #499-2 Sang 3-dong, Wonmi-gu, Puchon-city, Kyunggi-do, Korea**

**Tel: 82-32-324-9838 Fax: 82-32-324-9840**

1. Pack the components securely
2. Enclose a note with a brief description of the problem
3. Include a business card
4. Ship the equipment in a traceable manner for your protection. (ie UPS ).
5. Insure the shipment for replacement value.

There are no charges for repaired equipment within the warranty period, or if covered by Product-Care, other than your shipping costs. We will pay shipping one way back to you.

(Shipping by the courier service is available at an additional charge on request)

Out of warranty items will be repaired and sent back C.O.D.

## **Hints and Tips**

### **Training is the key to success with a paging system.**

Orientating your entire staff and training your host staff on the use of the paging system is key to the success of the system.

As a part of the general host training program, time must be set aside to teach new hires about the use and care of the paging system. Be certain staff members understand the importance of asking for the transmitter back after work.

### **Benefits of a VISUAL paging system**

Staff members are alerted thru the pager and know to quickly close the tab of a guest to help speed table turns.

**LEE TECHNOLOGY KOREA CO., LTD.**