JTECH
AN HME COMPANY

IQ Transmitter

User Manual

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CAUTION :

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Thank you for purchasing our brand-new “IQ Paging System”
We are confident our cutting edge products and first rate service will satisfy your needs for years to come. Please read these instructions carefully before setting up your IQ Paging System!

1. Equipment Setup

1) Keypad Sending Unit

Unwrap all sending unit components. Lock the antenna into the hole in the upper right hand corner of the sending unit. Plug the power supply with the large tip into a standard 110 outlet and plug into the back of the sending unit. We recommend some type of surge suppressor on the power supply for protection. Power surges are not covered under system warranty.

2) Initial Display

2. Placement & Mounting Instructions

1) DESKTOP

You can use your transmitter with the 20 degree wedge attached or remove the wedge and lay the transmitter flat.

2) WALL MOUNT

<u>To mount your transmitter on a wall</u>

- Remove the plastic bracket (included) under the transmitter unit by unlocking the 2 latches
- Place the plastic bracket against the wall and with the aid of a pencil, mark the position of the mounting holes. (Refer to figure below) Mount the transmitter in a convenient location where a power outlet is available.
- Drill a hole on the market position. Install the 3 mounting screws (and use anchors where necessary) Ensure that the screws are not fully tightened so that the unit can be easily removed from the wall.
- Place the transmitter onto the wall (without the plastic bracket) Plug the 2-amp wall transformer into any suitable AC outlet. Plug the power connector into the power jack on the top left hand side of the unit. Transmitter is now ready for use. Be certain to mount the transmitter away from phones, heat, moisture and exposed power circuits. These items can damage your system and shorten transmission range.

3) SYSTEM CONFIGURATION

Your system was set at the factory and will function as soon as it is powered up.

<u>Default setup is as below:</u>

Current time

Sleep shutdown - OFF

Range Test - OFF

Default Alert Type - Vibe only
Duty Alert - OFF
Out of Range – OFF
Baud Rate – 1200 BPS
Transmission Frequency - 11 kinds selectable
Reception Frequency - 457.5750 MHz fixed

3. System Programming (Transmitter Version 1.01A)

To enter programming mode, press the "SETUP" button and enter the password "2580" followed by "ENTER" If the password is accepted, the display will show "use * to scroll to menu options"

1) Set Current Time

- At the "Set Current Time" menu, set the hour then press "ENTER" key.
- Set the minutes and press "ENTER" key.
- Use the "#" key to select AM or PM
- After the time is set, press the "ENTER", and "Time Saved" will show on display. If the time is not correct, press the "CANCEL" key twice to exit the system programming menu.

2) Set Sleep Shutdown Time (Factory Default: OFF)

This system has an "ALL SLEEP" function that turns off all battery pagers at once automatically.

<u>To turn this feature off</u>

- Press "#" key to turn the sleep shutdown "OFF"
- Press "ENTER" to go back to the main menu.

<u>To change the shutdown time</u>

- Press "#" key to turn the sleep shutdown "ON"
- Set the hour then press "ENTER" key.
- Set the minutes and press "ENTER" key.
- Use "#" key to select AM or PM.
- After the time is set, press the "ENTER", and "Time Saved" will show on

display. If the time is not correct, press the “CANCEL” key twice to exit the system programming menu,

3) Range Test (Factory Default: OFF)

With this feature, you can determine what distance your transmitter will cover.

- Remove a couple of pagers from the charger base.
- At the range test menu, press “#” key to turn range test “ON”
- Press “ENTER” to start the range test. As soon as range test is activated, you’ll notice the IQ pagers flash once every 10 seconds. Walk around your property. When you reach the point where the pagers do not flash consistently, this is your maximum range. We can walk you through changing the power level of your transmitter.
- Press the “CANCEL” key to stop the range test. Press the “CANCEL” key again to exit the system programming menu.

4) Button Select (Factory Default: Function)

With this feature, you can select button function type.

(1) Open Table

If “Open Table” is set, “OPEN”, “BUS”, “CLEAR” and “EST” keys are available.

- OPEN, BUS, CLEAR: These buttons will display Table Status.
- EST: This button will setup Estimated Waiting Time.

(2) Preset Message

① Beep

If “Beep” is set on, 4 buttons are recognized as “F1”, “F2”, “F3” and “F4” buttons instead of OPEN, BUS, CLEAR and EST buttons and the buttons will be functioned as Predefined Messages

② Num Code

If “Number Code” is set on, 4 buttons are recognized as, for example, “11”, “22”, “33” and “44” buttons instead of OPEN, BUS, CLEAR and EST buttons and the buttons will be functioned as Predefined Messages

(3) Manager Pager

If “Manager Pager” is set on, 4 buttons are recognized as shortcuts of “Manager No# 1”, “Manager No#2”, “Manager No#3” and “Manager No#4” buttons instead

of OPEN, BUS, CLEAR and EST buttons and the buttons will be functioned as Predefined Messages

5) Set Pager Alert (Factory Default: Vibe Only)

With this feature, you have the option of changing the way your pagers alert the guest.

Be sure that all pagers are returned before performing this procedure.

To change the alert mode of your pagers follow these instructions

- Remove all the pagers from the charger base or unplug the power supply that is connected to the charger bases.
- At the "Set Pager Alert" menu, press the "#" key to scroll through the different alert options.
- After making a selection, press the "ENTER" key 3 times. After sending the code, the pagers will now respond with your new selection.
- Press "CANCEL" key to exit the system programming menu.
- Return all the pagers to the charger base or plug the power supply. The pagers are ready to receive the page with the new alert.

6) Duty Alert (Factory Default: OFF)

This feature enables your transmitter to send a page, at a preset time, to a certain pager to remind them of a duty required of them. For example, a buzzer can receive a page every 60 minutes to remind him to check the restrooms.

You can assign up to 3 different pagers to be duty alert pagers.

Programming the duty alert

- At the "Duty Alert" menu, "Duty Pager(1-3) is displayed and you can select Duty Pager # among up to 3.
- Select Duty Pager # using "#" key and press "ENTER" key.
- If you choose Duty Pager #1, then "Duty Pager #1: OFF" is displayed.
- You can select ON/OFF using "#" key and then press "ENTER" key.
- You can setup Duty Pager #2 and #3 as same way as Duty Pager #1

7) Out of Range (Factory Default: OFF)

With this feature, the pager will play a melody when taken out of range of the transmitter to inform the guest that they are out of range and will miss their page. The melody will only stop when they return back within range.

Setting up the Out of Range “ON”

- At the “Out of Range” menu, “OUT OF RANGE:” is displayed and you can select ON/OFF using “#” key.
- Make it “ON” and then press “ENTER” key.
- “Are All Pagers Returned??” is displayed and then press “ENTER” key.
- “Unplug All Coasters” is displayed and then press “ENTER” key.
- “Message Sent Plug In Pagers” is displayed and transmit message twice.

Cf) Out of Range ON (Message 9494), Out of Range OFF (Message 9393)

8) Set DEFAULT MSG

With this feature, you can setup the default message.

Setting up the DEFAULT MSG

- At the “Set DEFAULT MSG” menu, “TX DEFAULT MSG:” is displayed and you can select ON/OFF using “#” key.
- Input Default message and then press “ENTER” key.

9) Set EST Time

With this feature, you can setup the initial EST Time and also modifying EST Time.

Setting the EST Start Time

- At the “Set EST Time” menu, input the initial EST Time among 000-200 minutes and then press “ENTER” key.

Setting the EST Add Time

- With this feature, you can setup the EST incremental time which is increased whenever press the “EST” key to increase the EST Time on the transmitter.
- At the “EST Add Time” menu, input the EST incremental time among 000-200 minutes and then press “ENTER” key.

Note. After setting the initial EST Time, you can enter into the “EST Add Time”

Auto Decrease EST Time

- Every time you page the pagers, the EST Time will be decreased as much as the EST incremental time.

10) SET Base ID

With this feature, you can setup the Base ID of each transmitter.

Setting the Base ID

- At the “SET Base ID” menu, “SYSTEM BASE ID:” is displayed.
- Input the Base Id and then press “ENTER” key.

11) GROUP CALL ID

With this feature, you can setup the GROUP CALL ID.

Setting the Group Call ID

- At the “GROUP CALL ID” menu, “GROUP CALL ID(1-2):” is displayed and you can select among 1-2.
- If you want to input Group ID #1, press “1+ENTER” and then “Set Group ID #1” is displayed.
- Input Group Call ID #1 and then press “ENTER” key.
- Group ID #2 can be set as same way as Group ID #2.

12) OUT OF RANGE ID

With this feature, you can setup Out of Range ID.

Setting Out of Range ID

- At the “OUT OF RANGE ID” menu, “Set Out of Range ID:” is displayed.
- Input out of range ID and then press “ENTER” key.

13) SET BAUD RATE

With this feature, you can setup the baud rate you want.

Setting Baud Rate

- At the “SET BAUD RATE” menu, you can select the baud rage using “#” key.

Baud Rate List

(1) 512 BPS

(2) 1200 BPS

14) SET FREQUENCY

With this feature, you can select the frequency you want.

4. How to Use

1) Page

(1) “Pager #” + “SEND”

- If the Default Msg is ON, preset default message will be sent.
- If the Default Msg is OFF, No Message will be sent.

(2) “Pager #” + “ENTER” + Numeric Message + “ENTER(SEND)”

- It’ll send numeric message to the pagers.

2) OPEN / BUS / CLEAR Button (This can be activated when “Button Select” is turned to “Function”)

(1) OPEN / BUS

- Press “Table #” and then press “OPEN(BUS)”
- The data of table # will be transmitted and the Table # will be displayed onto the “OPEN / BUS” setion

※ Max 9 Table # can be displayed onto the each section and Max 19 Table # can be stored.

※ When the number of received Table # is over 9, you can scroll the table # by pressing “OPEN” button shortly.

※ To remove the list of “OPEN” or “BUS”, press and hold the “OPEN” or “BUS” button for more than 4 seconds.

(2) CLEAR

- Press “Table #” and then press “CLEAR”
- The data of Table # will be transmitted and remove the corresponding table # on the both section, OPEN/BUS.

※ To remove the all the lists of “OPEN” and “BUS”, press and hold the “CLEAR” for more than 6 seconds.

(3) EST

- Every time you press the “EST” key, the EST incremental time will be added to the current EST time.

FCC&IC Compliance Information :
This device complies with Part 15 and 90 of FCC Rules. Operation is subject to the following twoconditions:
(1) the device may not cause interference, and
(2) the device must accept any interference, including interference that may cause undesired operation of this device.

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

"**This device complies with Industry Canada licence-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'Industrie 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.

IMPORTANT NOTE:
FCC&IC RF Radiation Exposure Statement:
This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 8 inches (20 centimeters) between the radiator and your body.This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE IMPORTANTE:
Déclaration d'exposition aux radiations RF de la FCC:
Cet équipement est conforme aux limites d'exposition aux rayonnements RF de la FCC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à une distance minimale de 8 pouces (20 centimètres) entre le radiateur et votre corps.