PAGERTEC
Wireless Paging Systems

Matrix Paging System
USER GUIDE

Thank you for choosing Pagertec

Thank you for choosing Pagertec as your provider for your wireless paging requirements. We greatly appreciate your confidence in our products. At Pagertec our greatest commitment is providing you with total customer satisfaction. Please take a few minutes to review this manual prior to installing and operating your system. The manual will provide you with installation instructions, and offer suggestions to ensure you receive all of the many benefits your system can provide. Additionally, this manual will assist you with problem determination and offer helpful advice when seeking customer service. We are confident Pagertec has the most responsive customer service available within the industry. Please do not hesitate to contact out Customer Care, if you have any questions. We look forward to a long and mutually rewarding partnership.

MATRIX
PAGING SYSTEM

Installing the Transmitter

The first consideration in the placement of the transmitter is convenience. It should be readily accessible in a central location within the paging area. Pay close attention to nearby obstructions such as walls, pipes, ducts, mirrored glass, or other similar barriers that may weaken or misdirect transmitted signals. Certain materials and construction, especially metal, have the potential to partially or completely block the paging signal. The next consideration involves safety. Ensure the unit is securely mounted or set in an area away from liquids, extreme heat and possible physical damage. Also remember that the transmitting unit requires a 110V AC power outlet.

Ideally the transmitter should be centrally located within the area where paging is to occur. See the special function section of this guide entitled 'Range Test' for more information. Also consult your Sales Consultant for additional information.

Once the Transmitter has been installed, plug in the power adapter. Once powered, the transmitter will display "Enter Number" indicating it is ready to send a page. We recommend some type of surge suppressor on the power supply for protection. Power surges are not covered under system warranty!

Installing the Matrix Pagers

GENERAL INFORMATION

The Matrix Pagers are used in conjunction with several of the Pagertec transmitters. The guest pagers are used as an on-premise paging system to increase efficiency by alerting customers who are waiting, usually for services or goods.

CHARGER INSTALLATION
1. Install the charging base per the directions received with the charger kits.
2. Charge pagers for 24 hours prior to first use. Note: Keep rechargeable pagers on charge even during extremely long periods of inactivity.

WARNING: Do not connect more than 3 charger base stations to a single power supply. Only use the power supply that came with your charger. Damage caused from improper electrical connection including but not limited to the incorrect power supply is not covered under the standard warranty. If you're uncertain about which power supply to use, contact our customer support department.

OPERATION

1. When a guest arrives, remove a pager from the charging station. Pagers will light up for 1 second.
2. Record the pager number and hand to your guest.
3. Page the pager by entering the number into the transmitter.
4. Pagertec Matrix Pagers will flash or vibrate (if enabled) depending on the page mode that is selected.
Note: Beep modes will still flash and vibrate (if enabled) with no audible beep.
5. Transmitters can also send predefined time limits for each of the pager alert modes.

CLEANING

Pagertec pagers are made from industrial-strength, polycarbonate material. However, this material is susceptible to hairline cracking if non-approved cleaners are used. When cleaning Pagertec pagers, you should only use ETHYL ALCOHOL (ethanol) or ISOPROPYL ALCOHOL-BASED CLEANERS.

We have done extensive testing with available cleaning materials and have not found any issues with either ethyl alcohol (ethanol) or isopropyl alcohol (IPA). ALL other cleaners are not recommended for use on any of our pagers. To clean the equipment:
1. Take a clean cloth and an isopropyl-alcohol based cleaner
2. Wet the clean cloth with the isopropyl alcohol cleaner
3. Wipe down the pagers or equipment
4. When dry, place rechargeable pagers back on charge

SYSTEM PROGRAMMING:

To enter programming mode, press the "SETUP" button on the transmitter and enter the password "4545" followed by "enter". If the password is accepted, the display will show "Menu Option Up Down". (Use the "↑"& "↓" key to scroll through the different menu options or press "CANCEL" to exit the system programming menu.)

SET TIME

With this feature, you can setup current time into the Transmitter.
At the "Set Time" menu set the hour using Number key and then press, use "#" to set AM/ PM.

SET ALERT MODE

Note: Put all the pagers on the charger and disconnect the power supply going to the charger. Connect the charger back to the wall outlet. You will have three (3) minutes to program the Set Alert Mode.

With this feature you can have the option of changing your pagers alert type.

To change the alert type of your pagers follow the below instructions:

1. At the "Set Alert mode" menu press the **"ENTER"** key

   Select one of the 6 Alert modes available then press **"SEND"** key.

1. LED
2. LED / VIB
3. LED / BEEP
4. LED / VIB / BEEP
5. VIB
6. BEEP

Use the "▲""▼" key to scroll through these 6 alert modes.

Pagers that have successfully received the change alert mode message will blink and display PGR on the LED number display.

At this point, all of the pagers in your system should alert with the alert mode that you selected.

Press "C" key to exit, and return to the main menu.

SET ALERT TIME

Note: Put all the pagers on the charger and disconnect the power supply going to the charger. Connect the charger back to the wall outlet. You will have three (3) minutes to program the Set Alert Time.

With this feature, you can set the alert time how long the pager alerts when the pager receive the signal from the transmitter.

To change the Alert time mode of your pagers, follow these instructions:

1. At the "Set Alert Time" menu press **"Enter"**
2.   Use the "▲""▼" key to scroll through the different times
3.   Select one of 9 Alert times as below then press **"SEND"**

3.1 - 2 SEC
3.2 - 5 SEC
3.3 - 10 SEC
3.4 - 15 SEC
3.5 -   30 SEC
3.6 -   60 SEC
3.7 -   90 SEC
3.8 - 120 SEC
3.9 - Continuance

• The pagers will now respond with your new selected alert time mode.
• Return all the pagers to the charger base. The pagers are ready to receive
 the page with its new alert mode.

At this point, all of the pagers in your system should alert for the amount of time that you selected.

4.   Press "C" key to exit, and return to the main menu.

SET PAGER OFF

With this feature you can have the option of turning off the pager to save battery.

1. Remove all the pagers from the chargers
2. At the **"Set Pager Off"** press **"ENTER".**
3. Pager off? will appear on display
4. Press Send, all pagers that have received the signal will turn off the LED numbers.
Out of Range (Factory Default: OFF)

With this feature, the coasters will beep when taken out of range of the transmitter to inform the guest that they are too far away and will miss their page. The beeping will automatically stop when they step back within range.

Be sure you have all your pagers in the charging before performing this procedure
TURNING THE OUT OF RANGE ON

• At the "Out of Range" menu, press the "#/Select" key to turn the out of range ON.
• Press the **"ENTER"** key.
• Press **"CANCEL"** key to exit the system programming menu.

Range Test (Factory Default: OFF)

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

• Remove a couple of coasters from the charging stack.

• At the range test menu, press " "▲" "▼" key to turn range test "ON" and to start the range test. As soon as range test is activated you'll notice the pagers flash for a few seconds, every 30 seconds. Walk around your property. When you reach the point where the coasters do not flash consistently, this is your maximum range. If you would like to increase your power level, exit range test and call Pagertec.

• Press the **"CANCEL"** key to stop the range test. Press the **"CANCEL"** key again to exit the system programming menu. NOTE: The transmitter has an auto shut off feature that will stop the range test after 15 minutes.

Set Key Tone

This feature can activate or shut off the beeping noise on the transmitter every time you press a button.
• When on "Ser Key Tone" press "ENTER"
• Use the "▲" "▼" key to select On or Off.
• Press "Enter" on the option you wish to select

FCC COMPLIANCE AND ADVISORY 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.

This equipment has been tested and found to comply with the limits for a Class B digital device, according 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 correct the interference by one or more of the following measures:

1. Reorient the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into and outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

Any special accessories needed for compliance must be specified in the instruction manual.

WARNING: A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used. Use only shielded cables to connect I/O devices to this equipment.

CAUSION: Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.