

**User Manual**  
**BMTX-1000**  
**Paging Transmitter**  
**FCC ID: 2AFMLBMTX-1000**

BRIGHTON TECHNOLOGIES GROUP

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## **Congratulations!**

Congratulations on your purchase/rental of a Paging Transmitter. This on-premise paging system incorporates many advances in electronics and wireless technologies. The Paging Transmitter family of paging products allows your business to serve your customers more effectively, increase convenience for your customers and your staff, and additionally manage your customers' expectations more efficiently.

This user manual explains how to operate your new paging system, and provides the needed support to use your new system to its full potential. Familiarity with this user manual assures you get the most from your Paging Transmitter.

Keep this guide handy and preferably close to the system for quick reference.

## **Getting to know your new system**

Your new Paging Transmitter typically resides in the kitchen, or at the hostess stand to send messages to the individual Paging Transmitter Pagers given to your customers. Staff will use this transmitter each time they wish to call a customer back to the hostess stand for seating, or to the server to collect their meals. The transmitter is also used for system programming, which will be covered later in this guide.

## **Operation of your Paging Transmitter**

### **Setting the time display on your Paging Transmitter**

Your Paging Transmitter conveniently displays a 24-hour clock when the transmitter is idle. To set the correct current time on the transmitter, please follow the following steps:

1. Press the first icon button on the top row of buttons on the transmitter. The icon looks like a clock and calendar.
2. The display will then ask for a password. Enter 9513.
3. Press the orange Enter key above the green Send key.
4. Your transmitter will now display "Set Date/Time" Please enter the current date and time in the format of DD-MM-YY for date, and HH:MM for the 24 hour time.

5. Press the orange Enter button when finished.
6. You will then be returned to the main idle screen.

## **Sending a Page**

After removing a Paging Transmitter pager from its charging rack, the pager will first do a self test, vibrating 2 times and flashing its LED lights. This test lets you know that your pager is functioning properly. Take note of the pager number on the LED screen, or on the sticker on the front of the pager. When you need to call the pager back, use your transmitter to send a page:

1. From your transmitter, enter the pager number on the keypad.
2. Press the green send button on the right hand side.

Your pager has now been alerted. Return the pager to a charging rack to clear the alert and prepare it for its next use.

## **Changing the length of time that a Customer pager tones**

There may be a situation where you would like to change the length of time that a Paging Transmitter Customer Pager alerts for. By default, the Customer Pager will tone continuously for 2 minutes. This may be needed if your Customer Pagers are not immediately returned to the charging rack after food collection, or if the pager is not returned back to the rack until after an appointment is completed.

These changes are done from your Paging Transmitter. It is also highly recommended to make sure that all of the pagers are collected in from your floor before changing this feature, as not to alert customers that may be waiting to be called.

To perform this procedure, all charging racks must be unplugged at the wall. When you unplug your charging racks, you may notice that all of the pagers in that rack vibrate 2 times and flash their LED's. This is normal behaviour and can be ignored. After this procedure is complete, all of your pagers will alert at the same time for the amount of time you changed it to. This tone will let you know that the pagers received the instructions correctly. To reset the pagers, simply re-plug the racks into the wall.

Your pager can be alerted in the following time increment settings:

Time
Continuously until returned to the rack
120sec
60sec
30s
15s
10s
5s

After all of the charging racks in your system are unplugged, return to the transmitter and follow the following procedure:

1. Press the third icon button on the top row of buttons on the transmitter. The icon looks like an alarm clock.
2. The display will then ask for a password. Enter 9513.
3. Press the orange Enter key above the green Send key.
4. Your transmitter will now display "Set Alert Time"
5. Use the \* and the # to scroll between options.
6. Press the green send button to transmit the new settings to the pagers..

You will then be returned to the main idle screen. At this point, all of the pagers in your system should tone for the amount of time that you selected. To reset the pagers and stop the tones, plug the Charging Racks back into the power.

### Changing the Type of Alert on your Customer Pagers

There may be a time where it would be convenient to change the type of the alert your Paging Transmitter Pagers use. For example, if you are having a quiet function where you would like to keep noise to a minimum, you could set your Paging Transmitter Customer pagers to Vibrate and Flash only, forgoing the beep to keep ambient noise down, and the evening more enjoyable for your customers.

These changes are done from your Paging Transmitter. It is also highly recommended to make sure that all of the pagers are collected in from your floor before changing this feature, as not to alert customers that may be waiting to be called.

To perform this procedure, all charging racks must be unplugged at the wall. When you unplug your charging racks, you may notice that all of the pagers in that rack vibrate 2 times and flash their LED's. This is normal behaviour and can be ignored. After this procedure is complete, all of your pagers will alert at the same time and using the alert type you changed it to. This tone will let you know that the pagers received the instructions correctly. To reset the pagers, simply re-plug the racks into the wall.

Your desktop transmitter can set your customer pagers to operate in one of the following alert types. :

Type of Alert
Vibration Only
LED Lights Only
Beep Only
Vibrate, LED Lights, and Beep
Vibrate and LED Lights Only
Vibrate and Beep Only
LED Lights and Beep Only

After all of the charging racks in your system are unplugged, return to the transmitter and follow the following procedure:

1. Press the second icon button on the top row of buttons on the transmitter. The icon looks like a musical note.
2. The display will then ask for a password. Enter 9513.
3. Press the orange Enter key above the green Send key.
4. Your transmitter will now display "Set Alert Style"
5. Use the \* and the # to scroll between options.
6. Press the green send button to transmit the new settings to the pagers..

At this point, all of the pagers in your system should tone with the alert that you selected. To reset the pagers and stop the tones, plug the Charging Racks back into the power.

### **Putting the Paging Transmitter Customer Pagers to Sleep**

If your Paging Transmitter Pagers serve an area that is not used very often, such as conference rooms, or reception halls, you may find it beneficial to put the pagers to sleep. Putting the pagers to sleep simply means setting the pagers to turn off. When pagers are asleep, they do not tone when they are paged, and they also do not tone if the batteries are low if they are disconnected from the Charging Rack. This may also prove helpful if you move your Paging Transmitter from site to site as a catering company may.

This command is sent from your Paging Transmitter. It is also highly recommended to make sure that all of the pagers are collected in from your floor before changing this feature, as not to alert customers that may be waiting to be called.

To perform this procedure, all charging racks must be unplugged at the wall. When you unplug your charging racks, you may notice that all of the pagers in that rack vibrate 2 times and flash their LED's. This is normal behaviour and can be ignored. After this procedure is complete, all of your pages will essentially turn off. No LED's will display, and with Paging Transmitter Voice Pagers, the LCD Number display will also go out. To wake pagers, simply re-plug the racks into the wall.

After all of the charging racks in your system are unplugged, return to the transmitter and follow the following procedure:

1. At the standard idle screen, enter 9998 into the To: area on your transmitter.
2. Press the orange enter key

3. The transmitter will now wait for you to input a message. Enter #\*016. The \* and the # will show on the LCD screen as ] and [. This is normal
4. Press the green send button to transmit the sleep command to the pagers..

Shortly after sending the command, all of your Paging Transmitter Pagers will go to sleep. To wake them back up again, simply plug the charging racks back into the wall. They will then power on and will be ready to be paged again.

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.

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.

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Caution:

This device complies with Part 15 of the FCC rules and Industry Canada license-exempt RSS standard(s). 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.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or change to this equipment. Such modifications or change could void the user's authority to operate the equipment.

This radio transmitter (identify the device by certification number or model number if Category II) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

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 device has been evaluated to meet general RF exposure requirement.

To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.



## **SAFETY TRAINING INFORMATION**

Your Paging Transmitter radio generates RF electromagnetic energy during transmit mode. This Paging Transmitter is designed for and classified as “Occupational Use Only”, meaning it must be used only during the course of employment by individuals aware of the hazards, and the ways to minimize such hazards. This Paging Transmitter is NOT intended for use by the “General Population” in an uncontrolled environment.

This Paging Transmitter has been tested and complies with the FCC RF exposure limits for “Occupational Use Only”. In addition, your Paging Transmitter radio complies with the following Standards and Guidelines with regard to RF energy and electromagnetic energy levels and evaluation of such levels for exposure to humans:

- FCC OET Bulletin 65 Edition 97-01 Supplement C, Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields.
- American National Standards Institute (C95.1-1992), IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz.
- American National Standards Institute (C95.3-1992), IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields— RF and Microwave.

To ensure that your exposure to RF electromagnetic energy is within the FCC allowable limits for occupational use, always adhere to the following guidelines:

- DO NOT operate the Paging Transmitter without a proper antenna attached, as this may damage the Paging Transmitter and may also exceed FCC RF exposure limits. A proper antenna is the antenna supplied with this Paging Transmitter by manufacturer or antenna specifically authorized by manufacturer for use with this radio.
- ALWAYS use manufacturer authorized accessories (antennas, batteries). Use of unauthorized accessories can cause the FCC RF exposure compliance requirements to be exceeded.
- ALWAYS keep the antenna at least 20 cm (8 inch) away from the user body when transmitting.

The information listed above provides the user with the information needed to make him or her aware of RF exposure, and what to do to assure that this radio operates with the FCC RF exposure limits of this radio.

### **Electromagnetic Interference/compatibility**

During transmissions, your Paging Transmitter radio generates RF energy that can possibly cause interference with other devices or systems. To avoid such interference, turn off the radio in areas where signs are sensitive to electromagnetic radiation such as hospitals, aircraft, and blasting sites.