



D-9129 Mini Central Transmitter Service Manual



INSTRUCTION TO THE USER

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 typical 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 on the device experiencing the interference
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the Door Manager is connected
- Consult the dealer or experienced technician for the device experiencing the interference

In order to maintain compliance with FCC regulations, no changes can be made to this equipment without the approval of Gatekeeper Systems, Inc. The user is cautioned that any changes or modifications made to the equipment without the approval of Gatekeeper Systems, Inc. could void the user's authority to operate this equipment.

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.

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.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

**CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS**

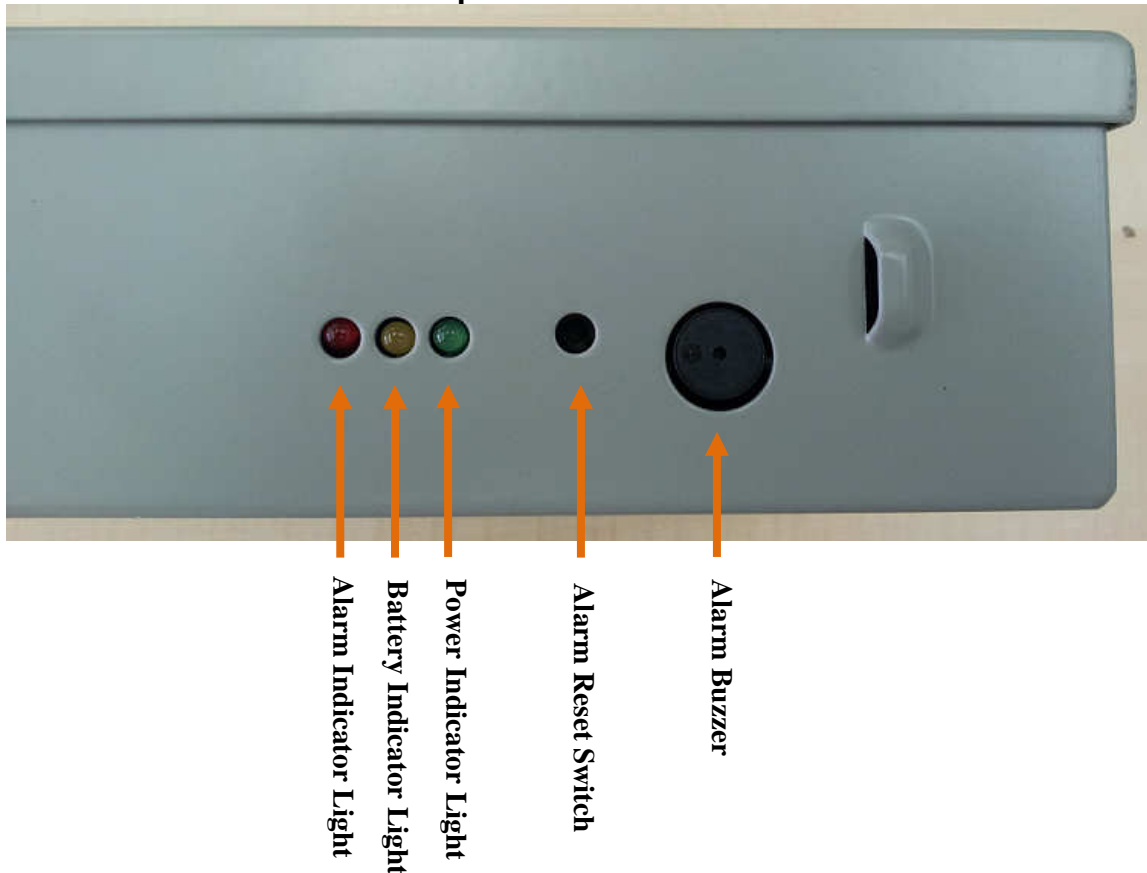
The ambient temperature is -20°C to 50°C

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Mini Central Transmitter:

The Mini Central Transmitter is located in an area that is secure, has adequate air flow, is out of harm’s way, and accessible for service. Typically, this area is found near the receiving area at the rear of the store. The Mini Central Transmitter sends the locking signal and unlocking signal through the perimeter antenna. Once installed and plugged directly in to a 85-264volt AC outlet or Universal Power Supply (UPS), the Central Transmitter rarely requires service.

Mini Central Transmitter side panel detail:



1. **Alarm Buzzer**
Alarm will be ON while fault
2. **Alarm Reset Switch**
Turn OFF the Alarm
3. **Power Indicator Light**
Green LED to indicate the power is ON
4. **Battery Indicator Light**
Yellow LED to indicate the battery charging
5. **Alarm Indicator Light**
Fault Setting

• Please do not open the Mini Transmitter unless you are expressly told to do so by a Gatekeeper representative.
 • Never disconnect the power supply. • If you require service, please contact Gatekeeper Systems.

To prevent fire or shock hazard, do not expose the Mini Transmitter to rain or moisture.



SYSTEM COMPONENTS

Perimeter Antenna

The signal generated by the Central Transmitter is carried around the designated store perimeter by a small, embedded cable

known as the "Perimeter Antenna". This antenna is embedded in a 1/4" wide by 1" deep saw cut around the parking lot which is sealed using a weatherproof sealant. The location of the perimeter antenna determines the boundary where carts will lock. The perimeter boundary is typically identified by a thick, painted yellow line found at all parking lot exits.



Gatekeeper wheel

Each shopping cart is equipped with Gatekeeper's locking wheel. Inside each wheel is a signal receiver and locking mechanism. The receiver is factory programmed to listen for the locking signal emitted from the perimeter antenna. The Gatekeeper wheel also accepts a locking or unlocking signal from a CartKey remote control.



CartKey2

The CartKey is a handheld device used by store employees to lock or unlock Gatekeeper wheels. The touch pad on the front of the CartKey has buttons labeled "Lock" and "Unlock". Use the "Unlock" button to unlock carts that have locked wheels. Gatekeeper recommends that you keep at least one CartKey in a secure location at all times in order to avoid losing or temporarily misplacing all CartKeys.



Contacting Gatekeeper Systems

For more information about the Central Transmitter and troubleshooting, to order parts or report an issue, contact the Gatekeeper Systems Inc. regional Customer Support office nearest to your location.

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