

# 13.56MHz PR Management System

## PR-Holder Manual

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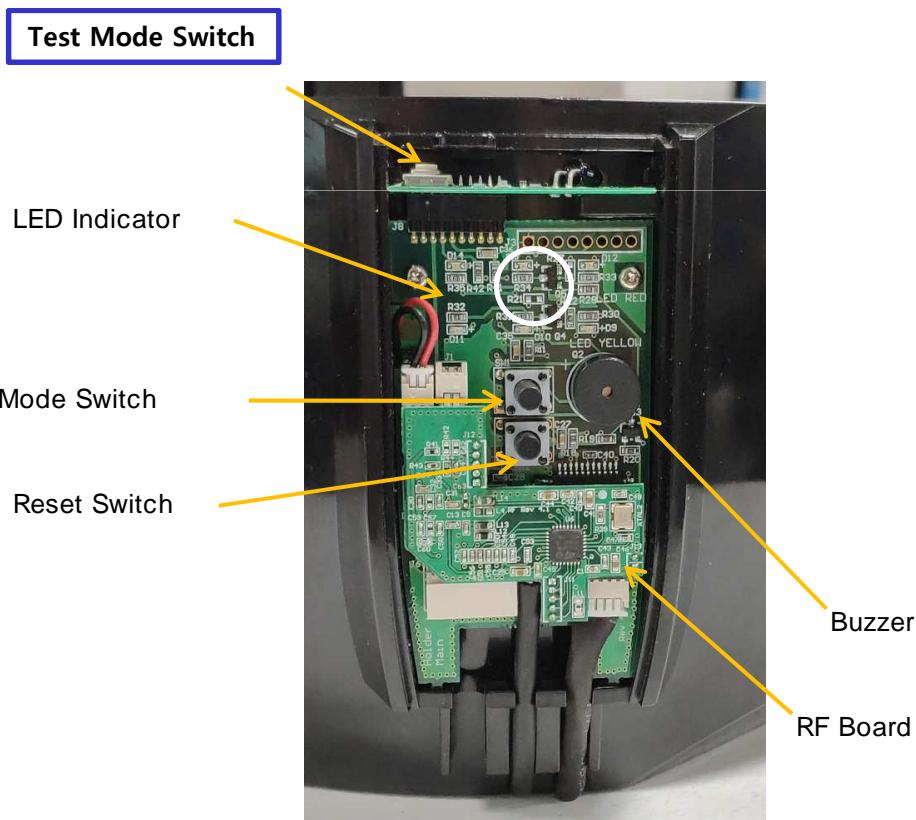
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# 1. Warnings

1. Avoid dropping from height or yielding impact.  
It may cause serious damage to the device.
2. Professional servicing only.  
It may cause injury and/or malfunction to the unit.
3. Remove the charger during lightning storms.  
It may cause lightning strike and/or fire.
4. Do not use in high temperatures, humidity or around explosive atmospheres.  
It may effect the high-frequency device.
5. Do not dismantle or yield impact.  
It may lead to shock or short-circuiting.
6. Do not remove the antenna during operation.  
It may lead to poor performance. Please remove after powering down.
7. Do not throw away in fire or take apart the device.  
It may lead to fire or explosion.

## 2. Device Features





### 3. Specifications

<b>Power Supply</b>	5V operation
<b>Supply Current</b>	120mA @ 5V
<b>Dimensions</b>	182φ X 295mm
<b>RF Frequency</b>	13.56MHz
<b>RF Data Rate</b>	26kbps ISO-15693
<b>Reading Range</b>	50mm

## 4. User Manual

1. ***Insert the PR Bottle into PR Holder.***
2. Buzzer will go off 1 times when the Nozzle TAG of PR Bottle are without problem.
3. Then the Bottle Load, Nozzle Load Event will be sent to Gateway.
4. When the PR Bottle is removed from the PR Holder, Bottle Unload, Nozzle Unload Event will be sent to Gateway.

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.

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.

The user manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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, including interference that may cause undesired operation of the device.

**RF Radiation Exposure Statement:**

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the ISED radio frequency (RF) Exposure rules as this equipment has very low levels of RF energy.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Industry Canada license-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.

**RSS-102 RF Exposure**

Cet équipement est conforme aux limites d'exposition aux rayonnements de ISED établies pour un environnement non contrôlé et répond à la norme RSS-102 des règles d'exposition aux radiofréquences (RF) de l'ISED car cet équipement a de très faibles niveaux d'énergie RF.

Cet émetteur ne doit pas être co-localisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.