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1. Application

This product is a communication equipment based on Bluetooth and transmit a position-based source code.

- Retail (ex. shopping mall, convenience store, etc)
- Exhibition hall (ex. Museum, Gallery)
- Amusement part, Baseball par

2. Introduction



- 1 Front Case
- 2 PCB
- 3 Battery
- 4 Rear Case
- 5 Adhesive tape

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3. Performance

- Protocol : Bluetooth 4.0 LE
- Frequency : 2.40 ~ 2.48 Ghz (ISM Band)
- Size : 45Φ X 15mm
- Weight : 17.9g (with battery)
- Battery :
 - a. Output Voltage : 3.0V
 - b. Capacity : 630mAh
 - c. Tape : Coin cell, lithium
- Life Time : 1.6 ~ 1.9 years
- Operation Temperature : 0°C ~ 60°C
 - If you will use at low temperature, the battery life could be shortened
- RF Output range : 0 ~ -30dBm

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4. Method

1) Power ON

- Remove the case
- Turn on the slide switch
- Assembly the case

2) Power OFF

- a. Click the switch through the hall at the front case with using the pin
If it click one more, turn on the device
- b. After remove the case, turn off the device using slide switch

3) Replace the battery

- a. Remove the case
- b. Remove the used battery
- c. Insert the new battery. Refer to the below figure
- d. Assembly the case

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FCC Part 15.105 statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Part 15.21 statement

Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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FCC Part 15.19 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.

RF Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum 20 cm between the radiator and your body. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.