

# User Manual

Product Name: Wireless Door Bell  
System -INDOOR

Model: DBIM10A,DBIM20A,  
DBIM30A,DBIM40A,DBIM50A

Brand: **SAMCOM**

Manufacture:Guangdong Samzuk Technology Development Co,Ltd

# Operation Manual

## Wireless Door Bell System -INDOOR

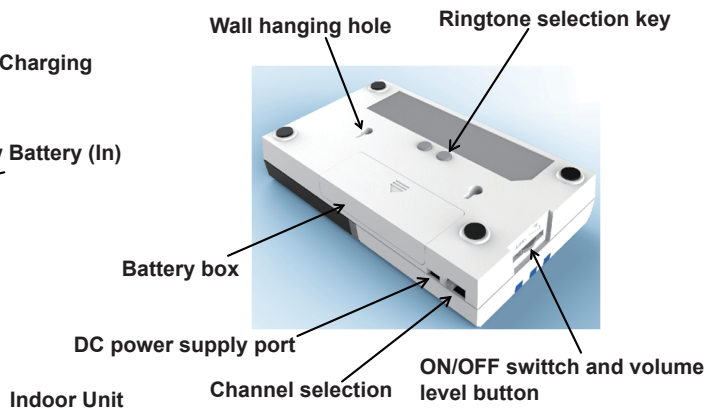
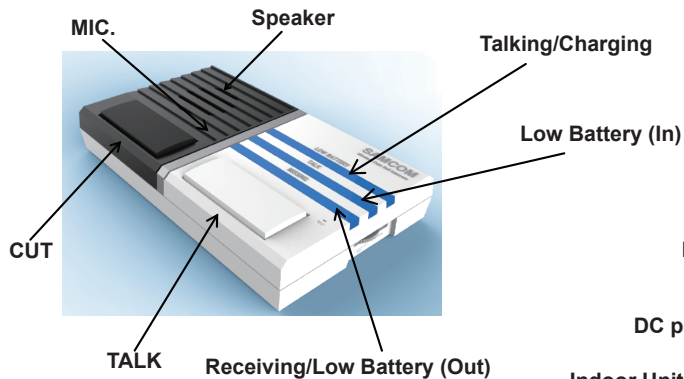


Model: DBIM10A

### *Features*

- 9 ring-tones available for your selection.
- Portable indoor unit that allows communication with the outdoor unit from any location.
- Built-in rechargeable battery that allows long-time operation without power supply.
- No need to press the button on the outdoor unit during the communication of the indoor and outdoor units.
- One outdoor unit can be used with several indoor units.
- Chargeable indoor unit, Swappable battery for the indoor and outdoor units.

# 1. Getting familiar with the unit



# 1. Preparation before installation

## 1.1 Checking

Code matching is conducted by the factory before delivery. You can check them before installation

- 1) Turn on the rotation button of the indoor unit, and you can hear a "DI" sound if the battery is not empty.
- 2) The distance between the outdoor unit and indoor unit shall be greater than 2 meter.
- 3) Press door bell button of the outdoor unit. If a ring-tone can be heard from the indoor unit, and the red-blue-green indication lights flash rapidly.
- 4) Press down the TALK button of the indoor unit and speaking, a voice will be heard from the outdoor unit. just release the TALK button. Outdoor unit can speak without press any button from outdoor unit.

## 1.2 Adjust the Volume for outdoor unit

There are three levels of volume for the outdoor unit. The default setting is at the middle . Adjustment is not necessary unless particular needs.

If necessary, please move the switch to the right or left

## 1.3 Charging

Important: The special lithium battery is imbedded in the unit., which is not fully charged due to transportation and storage requirements.

Please charge the outdoor unit battery with the indoor unit before installation. full of electricity can let you use for a long time.

- 1) The indoor unit will charge automatically when the power source is plugged in, and a red light will flash during the charging process. The unit will automatically shut down when it is fully charged (meanwhile the red light will stops blinking).
- 2) The batteries of indoor and outdoor units are swappable. The indoor unit battery can be removed to outdoor unit at any time.
- 3) When outdoor unit battery capacity is insufficient, the Low Battery (Out) green light indicator of the indoor unit will keep flashing until a fully charged battery is installed.

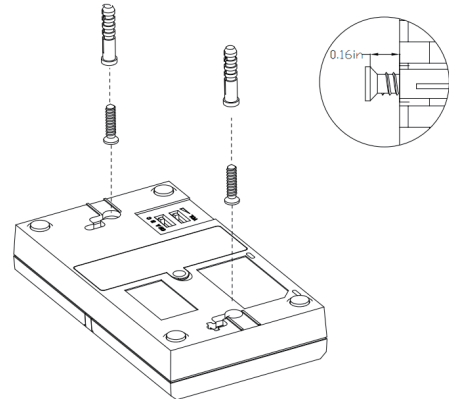
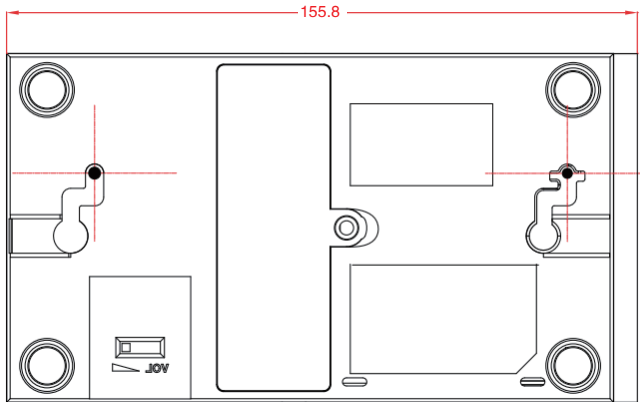
- 4) When the indoor unit battery level is low, the Low Battery (IN) blue light of the indoor unit will keep flashing as a reminder to plug in the power source for charging.

## Notes

- 1) Be sure to turn on the rotation button of indoor unit, otherwise the battery capacity and charging status of all units cannot be monitored through the indicator light.
- 2) Better to connect the power supply always even if the indoor unit is not in use, so as to keep the battery at a fully charged status and avoid doorbell malfunction due to power outage.

## 2. Installation

Normally, the outdoor unit can be fixed at the outdoor doorbell location with screws. The indoor units can be placed on the desks in different rooms or be shifted at the customer's convenience.  
Installation Position Drawing of the Outdoor Unit



### **3. Instruction**

#### **3.1 Ring-tone selection**

9 customized ring-tone are available in the system. Press the ring-tone selection button at the back of the indoor unit to select.

#### **3.2 TALK button function**

- 1) When someone is pressing the doorbell, the indoor unit will ring, and the red, blue and green lights will also flash (for 20 seconds) to alert the user. the person inside can keep press the TALK button to communicate with the person outside. Release the TALK button after speaking, and the person outside can talk back without the necessity of pressing any button.
- 2) Talking via the outdoor unit cannot exceed 30 seconds. For a talk more than 30 seconds, press the TALK button of the indoor unit to extend talking duration (30 seconds for each press). During the conversation, the person inside can press the TALK button of the indoor unit at any time to interrupt the outdoor speaker. Each talk session initiated by the indoor person will give a 30-second talk time for the person at the outdoor unit.

Remark:

If no one answers the indoor unit, the function of the indoor unit will be the same as that of a normal door bell. That is, the bell will ring but the communication function will not be turned on.

#### **3.3 CUT button function**

- 1) Press the CUT button to immediately terminate the rings and talk session, this function can protect indoor user from annoying doorbell rings or talking harassment.
- 2) Press the CUT button upon completion of the talk, this can save battery of the outdoor unit.

### 3.4 Code matching

The units are normally matched before delivery. If necessary, please perform the code matching according to the following steps:

- 1) Turn off the indoor unit;
- 2) Press and hold the TALK button of the indoor unit, and turn on the rotation button at the same time. When the Low Battery (In) blue light at the center of the indoor unit flashes rapidly, press the ring bell of the outdoor unit. You can hear "Du" sound and blue light stops blinking, then you press the ring bell of outdoor unit again, at this time, the red, blue and green lights will simultaneously flash for 20 seconds, which shows that the matching is completed. Then, indoor and outdoor communication can be carried out normally.

Note:

- 1) Make sure the battery of the indoor and outdoor units are charged before code matching.
- 2) Make sure the channel switch of the indoor units are at same position, A, B or C.

### 3.5 Added extra indoor unit to setup

- 1) If you want add extra indoor unit to setup you need take code matching with outdoor unit before use it . Refer to Code matching process.
- 2) When one outdoor unit is matched with multiple indoor units, all indoor units will ring when someone presses the outdoor ring bell button. When any one of these indoor units are connected, all the other units stops ringing, and the person at the outdoor unit will be connected to that indoor unit. The conversation will not be heard from other units. When all of indoor persons press TALK button all of persons can talk with outdoor person.

### 3.6 Channel change

- 1) If noise occurs due to other interruptions, change channel by shifting the (A/B/C) channels on the indoor unit.
- 2) One outdoor unit to one indoor unit: After the new channel is chosen, press the outdoor unit ring bell once, and they will be shifted to the new channel automatically.
- 3) One outdoor unit to multiple indoor units : After the new channel is chosen, match every indoor unit with the outdoor unit again to resume normal Operation.



## FCC Caution.

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.

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

Note: 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.