

## **DA-305 Magnetic Switch Transmitter**

The DA-305 Magnetic Switch Transmitter is designed to work with the Door Chime/Alarm, and no wiring is required. The Magnetic Switch Transmitter detects any entry from window or door.

### **Battery Installation**

1. Remove the locking screw and slide open the battery compartment cover at the front of Magnetic Switch Transmitter
2. Insert 1x9 volt alkaline battery, and ensuring the battery polarity match the internal marking.
3. Replace the battery compartment cover and screw, then it is ready to use.

### **Operation**

When the door or window is opened, it activated the sensor. The LED will light up in Green as indication, it sends a wireless signal to the Door Chime/Alarm that activates either the chime or the alarm. The operating range is upto 30metres (100ft approx.), it can work with the Door Chime/ Alarm virtually anywhere in the home, workshop, office or garden.

### **Installation**

1. Take one of the mounting screws and screw it into position leaving it protruding by 5mm.
2. Slot the Magnetic Switch onto the screw, and screw the second screw through the hole inside battery compartment to the wall to secure the unit into position, then replace battery compartment cover.
3. Proper positioning of the Magnetic Switch Transmitter is important. Ensure that the Magnetic Switch Transmitter and Magnet are parallel and the arrows are pointing directly at one another. Separation between the pieces must not exceed 12mm (1/2 inch.)
4. Magnet can be mounted on either side of Magnetic Switch Transmitter.
5. Test to ensure the Magnetic Switch Transmitter is located within the operation range before final installation.

### **Channel Set Up**

The Magnetic Switch Transmitter is pre-set at certain channel.

During installation, ensure that it is set to the same code as the Door Chime/Alarm.

1. At the back of Magnetic Switch Transmitter, there is 4 black links in a row, in position 1, 2, 3 & 4, which can be altered to achieve total sixteen (16) possible channels.
2. Add and remove one or more the black link(s), in any combination ensuring it is set to the same code as Door Chime/Alarm unit.
3. Test to ensure correct operation before final installation.

### **Door Chime and Home Alarm Function**

Magnetic Switch Transmitter can be selected to activate either Door Chime or Home Alarm function that built in the Door Chime/Alarm unit once movement is detected.

## Door Chime Function

Magnetic Switch Transmitter is factory pre-set to activate Door Chime function, if it is the function that you want, then no change is required.

When use the Door Chime function, there is total 8 different melodies can be selected as Chime sound. The melody selector is located inside the top right of battery compartment, simply press it to select the melody. The PIR Transmitter is pre-set to “Westminster” therefore, if no change is required, it should not be adjusted. Replace the battery compartment cover and screw, once melody is selected.

1) Long Westminster Chime (8-notes)	5) Banjo on my knee
2) Ding-Dong (2-times)	6) Twinkle-twinkle
3) Telephone Ring	7) It is a small world
4) Circus theme	8) Dog Barking

## Home Alarm Function

It can work with the Home Security Alarm function that built in the Door Chime/Alarm and External Siren units. In order to activate the alarm function on the Door Chime/Alarm unit, you need to use the Remote Control unit to arm and disarm the Door Chime/Alarm Unit, follows instruction below.

- a) There is a black links marked A, which is located at the back of Magnetic Switch Transmitter.
- b) Add one black link onto it, it will switch “ON” alarm function on the Magnetic Switch Transmitter, at the same time Door Chime (Visitor Announcer) function will be switched “OFF”.

**Important note:** If Door Chime/Alarm unit has not been armed by remote control (read follow instruction), alarm function will not be performed even though Magnetic Switch Transmitter is switched to alarm function.

## Arm & Disarm the Door Chime/Alarm unit

Simply press the remote control unit once, the Door Chime/Alarm unit will beep once and the Green LED will illuminate for approximately 30 seconds to indicate the unit is armed. Thirty seconds after you have left the protected zone, the Green LED will extinguish and the unit will become fully armed.

When each secured door/window is opened and detected by Magnetic Switch Transmitter, or any movement detected by PIR Sensor Transmitter, the LED light on these transmitters will light up for about 2 seconds, and the Door Chime/Alarm or External Siren unit will beep once to indicate that you have 8 seconds in which to disarm the unit. To disarm, simply press the remote control unit once, the Door Chime/Alarm unit will emit a double beep to indicate that it is now disarmed.

If the Door Chime/Alarm unit is not disarmed within the 8 seconds, the unit will emit a loud alarm sound for 45 seconds to alert the occupants of the house to an intruder. To disarm the unit under these circumstances, simply press the remote control unit once, the Door Chime/Alarm unit will emit a double beep to indicate that it is now disarmed.

## **Important**

1. Do not mount the Magnetic Switch Transmitter onto any metal surfaces or UPVC doorframe, as this will reduce the operation range seriously.
2. Do not expose the Magnetic Switch Transmitter directly to rain or immerse in water.
3. Do not mount the unit close to fireplace or expose to high temperature.
4. Do not use rechargeable battery.
5. Do not leave exhausted batteries in either unit. If leaving the PIR Sensor Transmitter for long periods, remove the battery from compartment to prevent leakage.
6. Always use alkaline battery as it will give longer service and are less likely to leak.
7. The Magnetic Switch Transmitter is designed for indoor use only.
8. Please dispose of old, defective batteries in an environmental friendly manner in accordance with the relevant legislation.
9. Make sure that no naked flame sources, such as lighted candles, should be placed on the unit.
10. The unit should not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the unit.
11. **CAUTION:** Replace only with the same or equivalent type of battery that recommended by the manufacturer.
12. **CAUTION:** Danger of explosion if battery is incorrectly installed or replaced.

## **Specification**

Power Supply	: 1 x 9volt battery (not included)
Detection	: For window or door (indoor use only)
Operation Temperature	: -10 C – +40 C
Operation Distance	: 30metre (100 ft)
Selectable Melodies	: 8 melodies
Selectable Channel	: Total sixteen (16 possible coded frequency)

## **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 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.

The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.