

Model no : SWS-6502C

Installation

Package Contents:

- Chime Unit
- 1 x 23A battery (Inside the push button)
- Push Button
- Mounting Hardware
- Magnetic/Window Sensor
- Operation Instruction

Installing

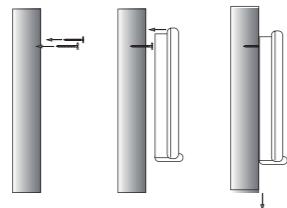
To mount the chime unit, you'll need the following tools:

- A screwdriver
- A drill (for hardwood or masonry)

The Chime Unit

1. Screw the supplied mounting screws into the wall you want to mount the chime unit on. Leave approximately 1/8" (3 - 4mm) of the screw protruding. If necessary, drill holes for the screws and/or use wall plugs.
2. Insert the protruding screw ends into the mounting holes on the rear of the chime unit.
3. Move the chime unit downwards to lock the screw ends in place.

IMPORTANT:
All components in this system are intended for INDOOR USE ONLY.
 Installing any part of this system in an outdoor environment (one exposed to rain, moisture or direct sunlight) will have undesirable results, and may cause malfunctions or hardware failure.



The Push Button

1. Remove the rear plate of the push button.
2. Screw the rear plate to the wall using the two screw holes. If you're mounting the push button on glass or metal, then you could use strong double-sided tape or glue - just be sure that you can still open the push button to change the batteries once every few months.

Transmission Range

The reliable range of the chime unit's transmission between the push button/sensor will vary based on your environment. Under ideal conditions (such as an open environment where the push button has a direct line of sight to the chime unit, where there is little or no radio "noise") the signal will travel up to 100ft (30m). Conversely, a densely packed environment (such as brick, concrete or metal) with other wireless devices operating can reduce the range of the signal to 20ft (6m) or less.

Operation

Changing Batteries

Each of both devices – the push button and the chime unit – are powered by batteries. The push button requires a 12V 23A battery. The chime unit requires 3 x AA cells (for a total 4.5V)

Changing the Chime Tone

All wireless chimes may have more than one push button. The chime tune for each push button can be set with dip switches. This is useful if you use one more push button for different entrances, each one can have its own sound.

Push button: The chime tune will be set to Ding Dong from the factory.

DIP Switches and Jumper Settings

Jumpers control the wireless frequency which the push button uses to communicate with the chime unit. For the system to function correctly, the push button and chime unit must have the same arrangement of jumpers (same house security code). In most cases you will not need to change the factory settings for the house security code. If your chime activates intermittently or does not work at all, you may be able to solve the problem by changing your security code. The default configuration is for all jumpers ON (that is, they have black clip attached).

The DIP switches change the tone which the chime unit will sound when the push button is triggered. The sounds that you can choose from, and the arrangement of switches to access then are:

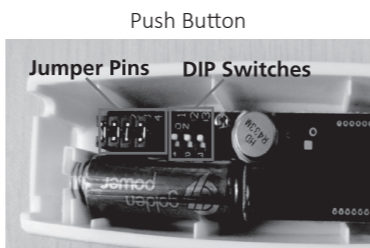
Chime Sound Table

Position	1	2	3
Westminster	ON	OFF	OFF
Ding Dong	OFF	ON	OFF
Knock	OFF	OFF	ON
Bronze Chime	ON	ON	OFF
Cuckoo Clock	ON	OFF	ON
Foghorn	OFF	ON	ON
Gong	ON	ON	ON

ON: Switch On
 OFF: Switch Off

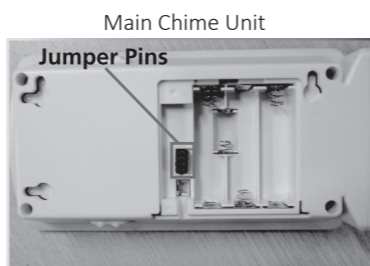
To access the battery, jumper pins and DIP switch inside the push button:

1. Insert a screwdriver or similar into the locking tab on the top of the push button casing, and press down to release the locking tab.
2. Remove the push button from the rear place. The jumpers, DIP switches and battery are located inside.

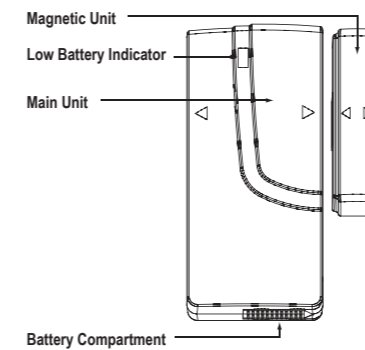


To access the jumper pins in the chime unit:

1. Locate the jumper compartment cover on the rear of the chime unit – it's the small compartment above and slightly left of the battery compartment.
2. Using a small Phillips-head screwdriver, remove the screw and lift the compartment cover. The jumpers are located within.
3. Note that there are no DIP switches in the chime unit.



The Window/Door Sensor has two components:



Gap between Main Unit and Magnetic Unit of Sensor

1. Magnetic unit can be placed in either right or left side of main unit
2. Chime is activated when the gap between main unit and magnetic unit of sensor is greater than 1.5 cm (i.e. the window/door is opened)

Low Battery Indicator

When the battery level is low, red indicator will flash continuously until battery gone.

Chime Tune Setting

The window/door sensor will be set to Westminster from the factory.

The following instructions explain how to change the tune on any wireless sensor.

1. Remove the battery from the sensor.
2. Locate the 3 dip switches shown below.
3. Select the desired chime sound from the table below.

Chime Sound Table

Position	1	2	3
Westminster	ON	OFF	OFF
Ding Dong	OFF	ON	OFF
Knock	OFF	OFF	ON
Bronze Chime	ON	ON	OFF
Cuckoo Clock	ON	OFF	ON
Foghorn	OFF	ON	ON
Gong	ON	ON	ON

ON: Switch On
 OFF: Switch Off



House Code Jumpers Chime Dip Switches
 Sensor Jumpers and Dip Switches

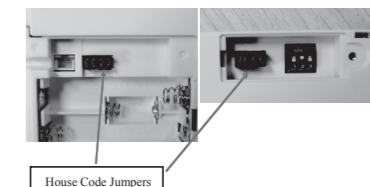
Setting The House Security Code

Each chime and sensor has 4 jumpers for setting the house security code. In most cases you will not need to change the factory settings for the house security code. If your chime activates intermittently or does not work at all, you may be able to solve the problem by changing your security code.

1. Remove power of batteries from the chime.
2. To remove the battery from sensor, open the battery compartment door in bottom of sensor.



3. Locate the House Security Code door and screw located on the back of the chime and sensor.
4. Locate the chime and sensor jumpers shown below.



Chime and Sensor Jumpers

5. To change the house code, add or remove jumpers as needed. It is recommended to change only one jumper at a time and then test the system for proper operation. The jumpers on the chime and sensor must match exactly.

Chime doesn't work:

1. Make sure the distance between main unit and magnetic unit of sensor is greater than 1.5 cm.
2. Make sure house code switches 1-4 on chime and sensors match exactly.
3. Verify battery orientation in chime and sensor.
4. Try fresh batteries.
5. Make sure chime is not farther than 100 meters away from sensor.
6. Ensure sensor is not mounted on metal, near metal studs, or near the floor.
7. Try a new location for the chime.

Functional range may be adversely affected by one or more of the following factors: weather, radio frequency interference, low transmitter battery and obstructions between the chime and sensor.

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