

## LightWave<sup>®</sup>

### Wire Free Plug-In Door Chime Kit

#### Fitting Instructions

It is important to install this product in accordance with the fitting instructions below. Failure to do so may render your guarantee void.

**IMPORTANT: PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE WHEN REPLACING BATTERIES**

- 1) Before commencing work, you will require a drill and cross-headed screwdriver.
  - 2) Avoid positioning on UPVC Frames.
  - 3) Avoid positioning above heat sources such as radiators or in damp areas such as a kitchen or bathroom.
- Fixing screws and wall plugs are supplied with this kit.
- Pressing the Push Button sends a wireless signal which activates the chime. The operating range is 120-150m (in open field) and you can use the chime virtually anywhere in the home or garden. However, the transmission range will be reduced if the signal is transmitted through a number of walls or ceilings and Metal or UPVC doorframes can also reduce the operating range.
- IMPORTANT:** Before you drill any holes in the wall, please make sure there are no any cables or pipes that you may accidentally damage.

#### Battery Installation

##### Push button unit

Push button uses a 3volt CR2032 Lithium battery (included), to activate remove the isolation strip. To replace open the push button (slide the flat screwdriver in the opening on the bottom and press the tab down) and replace ensuring correct battery polarity.

##### Plug-In Door Chime unit

Door Chime unit is powered by A/C mains power (230-240volt - 50Hz). Plug the door chime unit into any convenient wall socket, the operation indicator (Green LED) will light up.

The door chime is now ready to learn the operation code (Please see Digital Code Set-Up).

#### Installation Guide

To install you will require a drill and cross-headed screwdriver.

##### Push Button Unit

Mount using the two holes at the back of push button. Mounting on UPVC or metal doorframe surfaces will reduce the broadcasting range.

**Important:** Test the push and chime before mounting to ensure good signal

##### Plug-In Door Chime Unit

Plug the door chime unit into any convenient wall socket. Avoid positioning above heat sources (e.g. radiator) or in damp areas such as a kitchen or bathroom.

**Important:** Test the Chime to ensure unit is within operating range.

#### Digital Code Set Up

The Door Chime kit is equipped with advanced random and self-learning operation code ability.

1. **First time operation (1st bell push):**  
After battery installation on the Push Button and plug the Door Chime unit into any convenient wall socket, press the Push Button once to generate a new operation code. The Chime will sound to indicate that a new operation code is registered and memorized.
  2. **2nd Bell Push:** Then press and hold the code setting button (on the side of unit) for about 1-2 second, the door chime unit will give a "beep" sound to indicate that it is ready for the new code registration. Press the 2nd push button once (within 5 seconds) to generate a new operation code randomly and send a wireless signal to the door chime unit which will sound to indicate that a second operation code is also registered and memorized.
  3. Repeat the same procedure (pt. 2) for 3rd and 4th bell pushes or same series transmitter. The Door Chime unit can store up to 4 sets of operating code from the same series transmitter.
- Important:** Repeat this procedure after changing the Push Button battery or relocate the Plug-In Chime unit.
- NOTE:** If the chime unit sounds for no reason, it is indicated that it has been interfered by other similar chime unit nearby, reset the digital code by remove the power supply from both units and rest for 10 seconds then repeat the digital code setup procedure.

#### Adjust the volume

Rotate the rotary volume knob on the back of the door chime unit to adjust the sound level.

#### Door Chime Operation

Press the button on the Push Button unit once, it sends a wireless signal to the Door Chime which will sound.

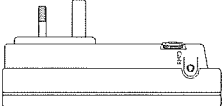
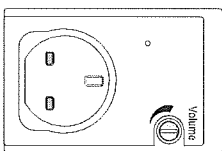
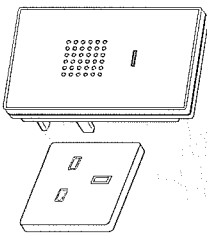
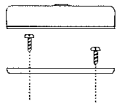
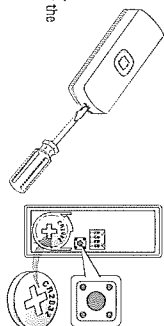
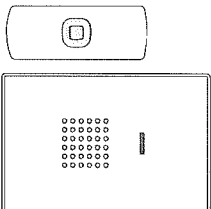
The sound will stop as soon as the melody ends. For repeat sound, press the button again. Hold the button in will **NOT** repeat the sound.

#### Melody Selection

The selector is a small switch is located inside the Push Button in the middle of the battery compartment marked with "S". Press the switch to change to next melody of the 8 pre-stored:

1. Westminster
2. Ding-Dong
3. Tubular-1
4. Tubular-2
5. Piano-1
6. Piano-2
7. Drum
8. Bell

Model: LW2301



#### Operate LWRF Remote Switch

The push comes factory set with no LWRF command and will flash) once when operated. Once you select a LWRF function using the dip switches the push will flash twice. Set the dip switch on the Bell Push to the following position, the LWRF receiver will be operated accordingly.

**NOTE:** Please refer to individual LightWave<sup>®</sup> product for pairing instructions.

| Dip Switch | 1   | 2   | 3   | 4   | Function   |
|------------|-----|-----|-----|-----|------------|
|            | Off | Off | Off | Off | No Light   |
|            | Off | Off | Off | On  | Flash      |
|            | Off | Off | On  | Off | 3 Seconds  |
|            | Off | Off | On  | On  | 30 Seconds |
|            | Off | On  | Off | Off | 1 Minute   |
|            | Off | On  | On  | Off | 2 Minute   |
|            | Off | On  | On  | On  | 5 Minute   |
|            | On  | Off | Off | Off | Random     |
|            | On  | Off | Off | On  | 10 Minute  |
|            | On  | Off | On  | Off | On         |
|            | On  | Off | On  | On  | Random     |
|            | On  | On  | Off | Off | Flash x 2  |
|            | On  | On  | On  | Off | Random     |
|            | On  | On  | On  | On  | Random     |

#### Important

1. Door Chime unit is designed for indoor use only.
2. Do not mount the Push Button onto any metal surface or UPVC doorframes, as this will reduce the operation range.
3. Do not expose either unit directly to rain or immerse in water.
4. Do not mount either unit close to fireplace or expose to high temperature.
5. If leaving the chime for long periods, remove the battery from compartment to prevent leakage.
6. Dispose of old batteries in accordance with the relevant legislation.
7. **CAUTION:** Danger of explosion if battery is incorrectly installed or replaced.
8. **IMPORTANT:** There are no serviceable parts in the units, do not attempt to repair it.
9. **NOTE:** Extreme Hot & Cold temperature may shorten the operating range; re-locate the chime unit if necessary.
10. **NOTE:** The product function may reset itself when it is subjected to electrostatic discharges. Just follow the instruction described in this manual to set the function again for normal operation.

#### User Hints

If the door chime unit does not sound, please check the following:

- a) Flat battery in Push Button or Door Chime unit is not powered - change the battery and ensure the socket is powered.
- b) Wrong battery polarity in Push Button - reinsert the battery.
- c) Both Push Button and Door Chime units are not on the same operation codes - reset the code (see digital code set up).
- d) Plug-In Chime unit does not register any operation code after relocate to new location - reset the code (see digital code set up).
- e) Units are out of range - Operate the door Chime unit within the operation range.

#### Specification

##### A. Push Button unit

Power: 1 x 3volt CR2032 Lithium battery (included)

##### B. Door Chime unit

Power: A/C main power (230-240volt - 50Hz)

Operating Temperature: Chime Unit: +10C - +35C (Indoor use only)

Push Button Unit: -10C - +35C

Operating Distance: 120-150m (396-495ft approx. - in open field & at suitable conditions)

Selectable Tone: Total Eight (8) tones available

Digital Code: Pre-set, one of two hundred fifty six (256) possible digital codes, random setting and non-selectable

**RP Device:** - device where the sound output is created by the initial operation of the control and where the period of sound output continues for the designed duration irrespective of condition of the control.



Symbol  Indicating separate collection for electrical and electronic equipment.