

LightWave®

Wire Free Door Bell 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) 2 x 1.5V "C" size alkaline batteries
- 3) Avoid positioning the bell push on UPVC Frames.
- 4) Avoid positioning the door chime above heat sources such as radiators or in damp areas such as a kitchen or bathroom.

Pressing the Push Button sends a wireless signal which activates the chime. The operating range is 150-180m (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 not any cables or pipes that you may accidentally damage.

Battery Installation

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

Door Bell unit

Remove the battery cover and insert 2 x 1.5V batteries ("C", UM2 & R14 - not included), ensure battery polarity match the internal markings. The door bell 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.

Door Bell Unit:

Hang using the hole on the back of the unit. Avoid positioning on UPVC Frames, above heat sources (e.g. radiator) or in damp areas such as a kitchen or bathroom.

Important: Test the Chime before drilling any holes to ensure unit is within operating range.

Digital Code Selection

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

1. 1st Bell Push: After batteries are installed in to both Push Button and Door Bell units, 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 (even batteries are removed).

Remark: Bell unit has "2 minutes" to learn the operation code after batteries are installed.

2. 2nd Bell Push: Then press the 2nd push button once (within 2 minutes) to generate a new operation code randomly and send a wireless signal to the door bell unit which will sound to indicate that a second operation code is also registered and memorized.

3. Repeat the same procedure for 3rd and 4th bell pushes or same series transmitter. The Door Bell unit can store up to 4 sets of operating code from the same series transmitter.

Important: Repeat this procedure after changing the Push Button or Metal Bell unit batteries.

NOTE: If the Bell 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 then repeat the digital code setup procedure.

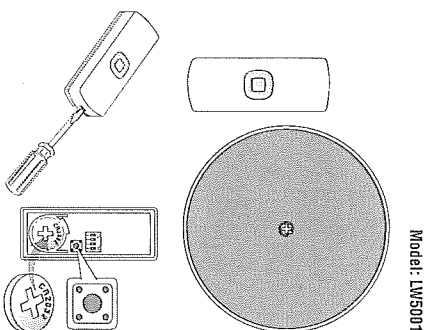
Door Bell Operation

Press the button on the Push Button unit once, it sends a wireless signal to the Door Bell unit and it 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.

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® product for pairing instructions



Model: LW5001

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	Random
	On	Off	On	Off	10 Minute
	On	Off	On	On	Off
	On	On	Off	Off	Random
	On	On	On	Off	Flash x 2
	On	On	On	On	Random
	On	On	On	Off	Random
	On	On	On	On	Random

Important

1. Do not mount the Push Button onto any metal surfaces or UPVC doorframe, as this will reduce the operation range seriously.
2. Do not mount either unit close to fireplace or expose to high temperature.
3. Do not use different type of batteries or mix up old and new batteries.
4. Batteries should be inserted and removed by an adult only.
5. Always use alkaline batteries. Please dispose of old, defective batteries in an environmentally friendly manner in accordance with the relevant legislation.
6. Make sure that no naked flame sources, such as lit matches, should be placed on the unit.
7. The unit should not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should be placed on the unit.
8. **CAUTION:** Make sure batteries are installed correctly as per the internal markings.
9. **CAUTION:** Replace only with the same or equivalent type of battery that is recommended by the manufacturer.
10. **CAUTION:** Danger of explosion if battery is incorrectly installed or replaced.
11. **IMPORTANT:** There are no serviceable parts in the units, do not attempt to repair it.
12. **NOTE:** Extreme (Hot & Cold) temperature may shorten the operating range, re-locate the chime unit if necessary.
13. **Note:** The product function may be reset 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 bell unit does not sound, please check the following:

- a) Flat batteries in either Push Button or Door Bell units - change the batteries.
- b) Wrong battery polarity in either Push Button or Door Bell units - reinsert the batteries.
- c) Push Button and Door Bell units are not on the same operation codes - reset the code (see digital code set up).
- d) Units are out of range - Operate the Door Bell unit within the operation range.

Specification

A. Push Button unit

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

B. Door Bell unit

Power : 2 x 1.5volt batteries ("C", UM2 & R14 - not included)

Operating Temperature: Bell Unit: +10C - +35C (indoor use only)

Push Button Unit: -10C - +35C

Operating Distance: 150-180metres (495-594ft approx. - in open field & at suitable condition)

Selectable Tone: Total one (1) tone available

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

R2 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.