

# Byron

SX-1 & SX-11

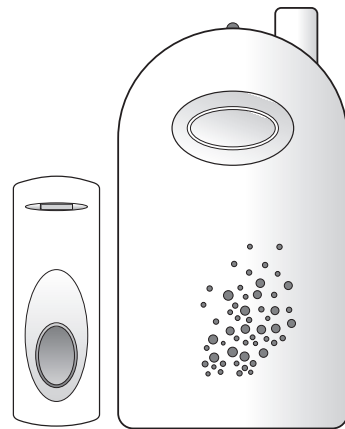
## Wire Free Portable Door Chime Kit with Ultra Bright Light

The wirefree door chime kit consists of two separate units:

1. Push button unit (*Transmitter*)
2. Door chime unit (*Receiver*)

These units are completely self-contained and no wiring between them is necessary.

No wiring is required for this wirefree door chime kit. When the push button is pressed, it sends a wirefree signal to activate the door chime. As the operating range is up to 100 metres (320 ft. approx.), you can mount or take the door chime virtually anywhere in the home, workshop, or office. However, the operating range of the wirefree signal will be reduced if the signal is transmitted through a number of walls or ceilings. Metal, and UPVC doorframes will also reduce the operating range.

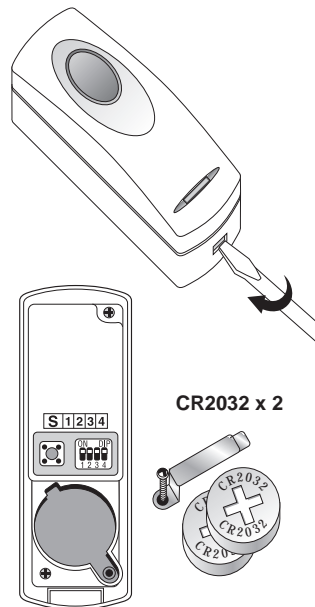


### Battery Installation

#### Push button unit

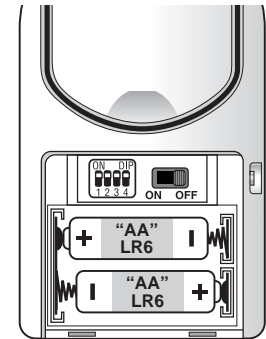
1. The push button unit is operated by 2 x 3 volt Lithium batteries (CR2032 - *included*).
2. Remove the back of the case by pushing in the tab on the bottom with a small, flat screwdriver.
3. 2 x 3 volt Lithium batteries (CR2032) have been installed. Simply pull off the isolating strip to allow the batteries to make electrical contact.
4. Snap the front cover of push button back on and it is ready to use.

**Replacing the batteries.** Remove the locking screw from the battery fastener in the battery compartment. Insert 2 x 3 volt Lithium batteries (We recommend Byron model SX-100 - *not included*), ensure the battery's polarity matches the internal markings. Tighten the screw on the battery fastener to hold the batteries firm in their compartment. Test to see if the L.E.D. light comes on.



### Door Chime unit

1. Slide open the battery compartment door on the back of the unit. Insert 2 x 1.5 volt alkaline batteries ("AA", UM3, R6 size - *not included*), ensuring the battery's polarity matches the internal markings. Close the battery door and the chime unit is now ready to use.
2. Alternatively the unit can be powered by an A/C-D/C 9 volt 300mA adaptor (Byron model SX-36 - *not included*). No batteries are required for the chime unit using this method. **PLEASE MAKE SURE YOU REMOVE ANY BATTERIES FROM THE UNIT WHEN USING THE PLUG ADAPTOR TO POWER THE CHIME UNIT.**
3. This chime unit can be completely portable, or fixed in one place. There is a specially designed hanging arm available at the back of the chime for ease of portability.

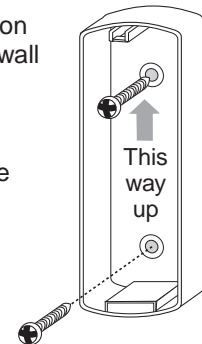


### Installation Guide

- a) Bell Push Unit: Using the two holes on the back of the push button as a template, mark the fixing position for the unit. Drill holes, fit wall plugs (if fixing to masonry) and secure the Bell Push Unit with screws (self-tapping N3 x 16mm screws - *included*) in position, alternatively use the double-sided self-adhesive pad (*included*), by placing onto your front doorframe or a position nearby. Please note, the latter is not the most theft resistant option.

**Important:** Mounting the push button unit onto UPVC doorframes or metal surfaces will reduce the operating range.

- b) Door Chime Unit: This has a folding carry/hanging handle on the rear, this will enable the chime unit to hang on a screw and be easily removed or relocated to another room. Drill a hole and fit wall plug (if fixing to masonry) and screw (self-tapping N3 x 16mm screw *included*) to fixing position. Leave a gap of 3mm between the screw head and the wall. Use the hanging arm to hang your chime.



### Melody Selection

The melody selector is located inside the push button unit. It is a small button on the top left corner of the battery compartment marked with "S". Press the switch once, the melody will change to the next one on the list, there are total 8 melodies for selection. The push button is pre-set to "Westminster" therefore, if no change is required, it should not be adjusted.

- |                          |                       |
|--------------------------|-----------------------|
| 1) Westminster - 8 notes | 5) Banjo on my knee   |
| 2) Ding-Dong - Repeat    | 6) Twinkle, Twinkle   |
| 3) Telephone Ring        | 7) It's a small world |
| 4) Circus Theme          | 8) Dog Barking        |

## Channel Selection

The unit comes from the factory on a pre-set radio frequency channel. However, should your door chime activate intermittently for no reason at all, it is possible that a similar unit is operating nearby on the same frequency. The encoded frequency of the push button (transmitter) and Door Chime (receiver) can be changed to avoid this problem.

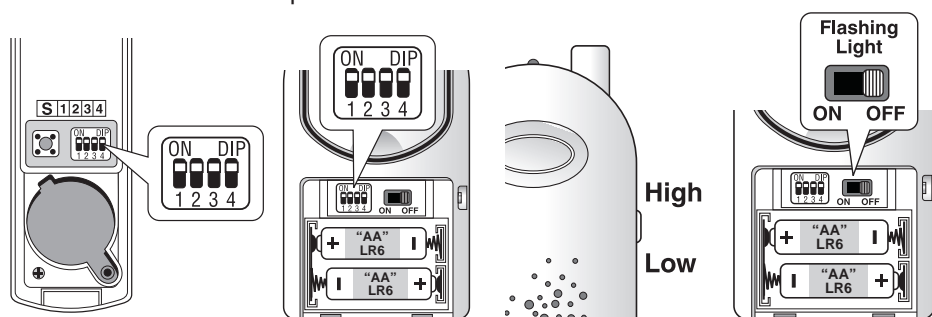
1. **Bell Push:** Remove the back of the case by pushing in the tab on the bottom with a small, flat screwdriver.

*Door Chime Unit:* Slide open the battery compartment.

2. There is a 4 position dip switch marked 1,2,3,4. Use a small screwdriver to alter the dip switch levers to the "On" or "Off" position, which can be altered to achieve a total of sixteen (16) possible channels.

3. Select any combination ensuring it is set to the same code on **both** push button and door chime units. E.g. If the 1<sup>st</sup> & 2<sup>nd</sup> dipswitches are down in you push button, then the 1<sup>st</sup> & 2<sup>nd</sup> dipswitches must be down in your chime unit.

4. Test to ensure correct operation before final installation.



## Door Chime Operation

Press the button on the push button unit once, the LED indicator will light up during signal transmission for 1 second and the door chime unit will sound. The sound will stop as soon as the melody ends. For repeat sound, press the button again. Holding the button in will **NOT** repeat the sound.

## Sound Volume Adjustment

Melody sound volume can be adjusted to high or low, the high-low switch is located at the side of the door chime unit.

## Flashing Light Function

If the flashing ultra light is not required, simply switch the function off. The on/off switch is located inside the door chimes battery compartment.

## Important

1. Do not mount the Push Button unit onto any metal or UPVC doorframe as this will reduce the operating range.

2. Do not immerse either unit in water.

3. Do not expose either unit to high temperatures or close to fireplace.

4. Do not use different type of batteries, or mix up old and new batteries.

5. Do not leave exhausted batteries in either unit. If leaving the doorbell for a long period of time, remove the batteries from all compartments to prevent leakage.

6. The chime unit is designed for internal use only.

7. Please dispose of old, defective batteries in an environmentally friendly manner in accordance with the relevant legislation.

8. The unit should not be exposed to or placed near sources of water or direct heat.

9. Replace batteries only with the same or equivalent type recommended by the manufacturer.

10. Do not place near a P.I.R. which may interfere with your chime.

## Trouble Shooting & User Hints

Problem	Possible Causes	Suggested Remedy
Chime does not sound but LED lights on Push Button	1. Units is out of range (max. range 100m) 2. Push button and chime not on same channel	Operate the Chime unit within the operation range (100m) Re-set the channel (see Channel Set Up)
Chime does not sound plus no lights on Push Button LED	1. Flat push button battery 2. Wrong polarity of battery in push button 3. Remove the protective Strip.	Change the battery Re-insert battery as internal marking in right polarity
Chime sounds without push button being pressed	A similar wirfree door chime product is operating nearby on the same transmitter frequency	Change transmission channel (see Channel Set Up)

**NOTE:** There are no serviceable parts in the unit, do not attempt to repair it.

## Specification

### A. Push Button unit

Power : 2 x 3volt Lithium batteries (CR2032 - included, replace with Byron model SX-100)

Consumption : 3.0mA - ON  
0.003mA - OFF

### B. Door Chime unit

Power : 2 x 1.5volt batteries ("AA", R6 or UM3 - not included)  
Alternatively powered by A/C-D/C 9volt 300mA adaptor (Byron model SX-36 - not included)

Consumption : 100mA - ON  
0.3mA - Stand-by

Operating Temperature : -10°C to +40°C

Operating Distance : 100 metres (320 feet approx.) in open field

Selectable Tone : Total eight (8) tones available

Selectable Channel : Total sixteen (16) possible channels