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## Byron BYR301 Wireless Door Chime Kit Instruction Manual

Model: BY301

### 1. INTRODUCTION

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Thank you for purchasing the Byron BYR301 Wireless Door Chime Kit. This kit provides a convenient and reliable solution for your home or office, featuring a portable chime unit with an optional flashing light and a wireless push button. This manual contains important information regarding the installation, operation, and maintenance of your new door chime kit. Please read these instructions carefully before use and retain them for future reference.

### 2. PACKAGE CONTENTS

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Ensure all items are present in the package:

- 1 x Portable Chime Unit
- 1 x Wireless Push Button
- 1 x CR2032 Battery (for Push Button)
- Mounting Hardware (screws, adhesive pad)
- User Manual



Figure 2.1: Package contents including the chime unit, push button, and packaging.

### 3. SAFETY INFORMATION

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- Do not expose the chime unit or push button to extreme temperatures, direct sunlight, or moisture.
- Use only the specified battery types. Incorrect battery types may cause damage or explosion.
- Keep batteries out of reach of children. If swallowed, seek immediate medical attention.
- Do not attempt to open or repair the devices yourself. Refer all servicing to qualified personnel.
- Dispose of old batteries and electronic devices responsibly, following local regulations.

### 4. PRODUCT OVERVIEW

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Familiarize yourself with the components of your Byron BYR301 Wireless Door Chime Kit.



Figure 4.1: Labeled diagram of the portable chime unit and wireless push button.

## 4.1. Portable Chime Unit Features

- **High Quality Speaker:** For clear sound output.
- **8 Melodies:** Select from a variety of chime sounds.
- **Volume Control:** Adjust the chime volume (4 levels).
- **Flashing Light:** Visual alert for incoming visitors.
- **Battery Compartment:** Requires 3 x C batteries (not included).

## 4.2. Wireless Push Button Features

- **Push Button:** Activates the chime unit.
- **Battery:** Powered by 1 x CR2032 battery (included).
- **Weather Resistant:** Suitable for outdoor use.

## 5. SETUP

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### 5.1. Installing Batteries in the Chime Unit

1. Locate the battery compartment on the underside of the portable chime unit.

2. Open the battery compartment cover.
3. Insert 3 x C batteries (LR14, not included) according to the polarity markings (+/-) inside the compartment.
4. Close the battery compartment cover securely.

## 5.2. Installing Battery in the Push Button

1. The CR2032 battery is typically pre-installed. If not, open the push button casing (usually by gently prying it open with a small screwdriver).
2. Insert the CR2032 battery with the positive (+) side facing up.
3. Close the casing securely.





Figure 5.1: Wireless Push Button.

### 5.3. Mounting the Push Button

The push button is designed for outdoor use and can be mounted using screws or the provided adhesive pad.

1. Choose a suitable location near your door, ensuring it is easily accessible to visitors.
2. **Using Screws:** Mark the desired drilling points, drill pilot holes, and secure the push button base with the provided screws. Snap the front cover back on.
3. **Using Adhesive Pad:** Clean the mounting surface thoroughly. Peel off the protective backing from the adhesive pad and firmly press the push button onto the surface for at least 30 seconds.
4. Ensure the push button is mounted vertically for optimal performance.

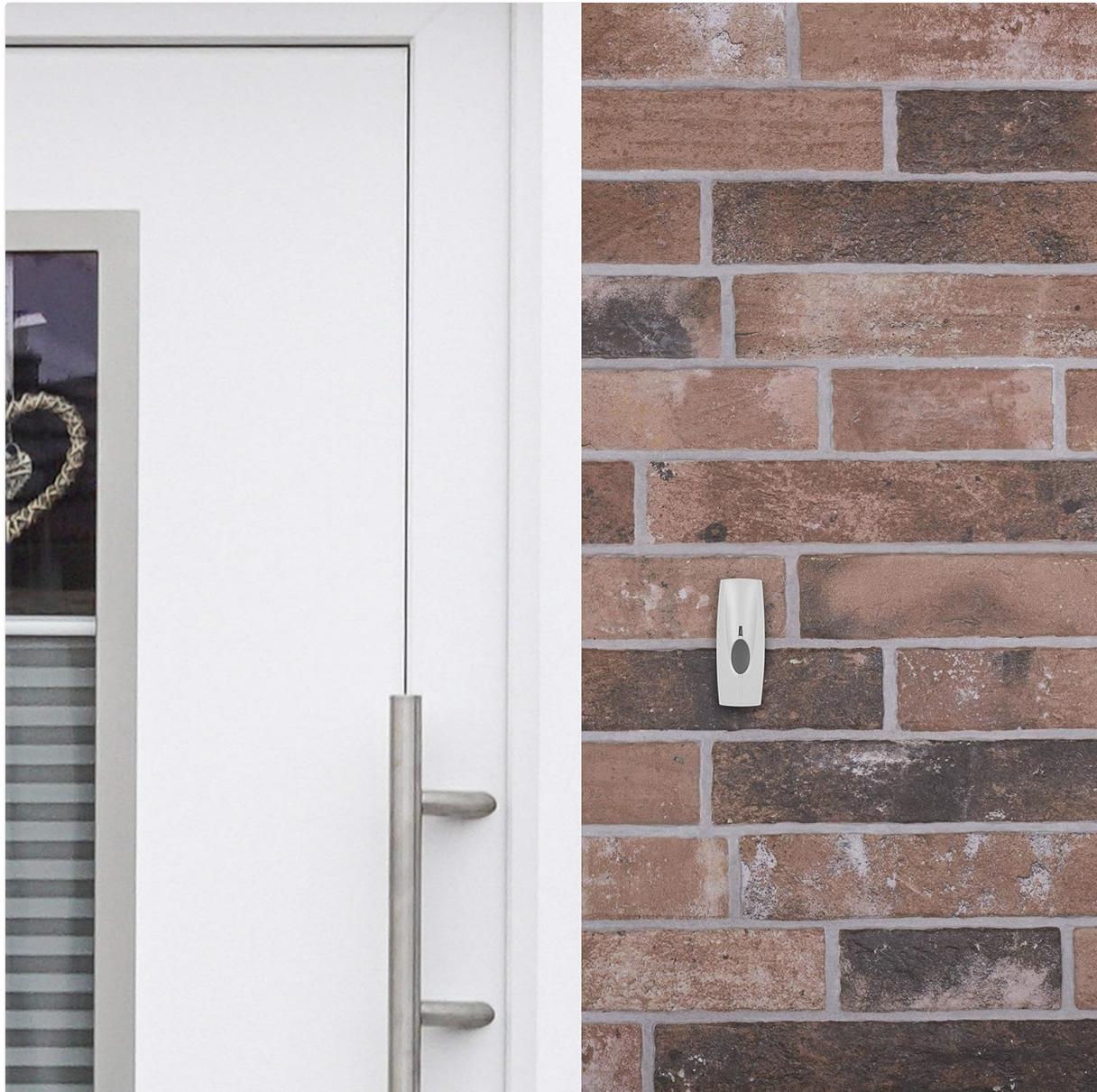


Figure 5.2: Example of push button installation.

#### 5.4. Pairing (Automatic Learning)

The Byron BYR301 features automatic learning. Typically, the push button and chime unit are pre-paired at the factory. If they do not connect automatically, or if you are adding another push button, follow these steps:

1. Ensure both the chime unit and push button have fresh batteries installed.
2. Press and hold the pairing button (refer to the chime unit diagram for location, usually a small button or switch) on the chime unit until it emits a short sound or its indicator light flashes.
3. Within 10 seconds, press the wireless push button. The chime unit should sound, indicating successful pairing.
4. Test the connection by pressing the push button. The chime unit should sound.



Figure 5.3: Wireless range illustration (up to 100m in open air).

## 6. OPERATING INSTRUCTIONS

### 6.1. Changing Melodies

The chime unit offers 8 different melodies. To change the melody:

- Locate the melody selection button on the chime unit (refer to Figure 4.1).
- Press this button repeatedly to cycle through the available melodies. The chime unit will play each melody as you select it.
- Stop pressing when you hear your desired melody.

### 6.2. Adjusting Volume

The chime unit has 4 volume levels. To adjust the volume:

- Locate the volume control button on the chime unit (refer to Figure 4.1).
- Press this button repeatedly to cycle through the volume levels (low, medium, high, extra loud).

- Stop pressing when you reach your desired volume level.

## 6.3. Using the Flashing Light

The chime unit features an optional flashing light for a visual alert.

- The flashing light activates automatically when the chime sounds.
- There is typically no separate control for the flashing light; it operates in conjunction with the chime.

## 7. MAINTENANCE

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### 7.1. Battery Replacement

- **Chime Unit:** Replace the 3 x C batteries when the chime sound becomes weak or the unit stops functioning. Follow the steps in Section 5.1.
- **Push Button:** Replace the CR2032 battery when the chime unit no longer responds to the push button. Follow the steps in Section 5.2.
- Always use fresh, high-quality batteries of the specified type.

### 7.2. Cleaning

- Wipe the chime unit and push button with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the surfaces.
- Ensure no moisture enters the units during cleaning.

## 8. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Chime unit does not sound.	Dead or incorrectly installed batteries in chime unit. Dead or incorrectly installed battery in push button. Chime unit and push button are not paired. Out of range.	Replace C batteries in chime unit, ensuring correct polarity. Replace CR2032 battery in push button, ensuring correct polarity. Perform pairing procedure (Section 5.4). Move chime unit closer to the push button.
Chime sounds intermittently.	Low batteries. Interference from other wireless devices. Obstructions between units.	Replace batteries in both units. Relocate chime unit or push button away from potential interference sources. Ensure clear line of sight or fewer obstructions between units.
Flashing light does not work.	Chime unit batteries are low or dead.	Replace C batteries in the chime unit.

## 9. SPECIFICATIONS

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Feature	Detail
Model Number	BY301

Feature	Detail
Manufacturer	Byron
Chime Unit Power	3 x C (LR14) batteries (not included)
Push Button Power	1 x CR2032 battery (included)
Wireless Range	Up to 100 meters (open air)
Melodies	8
Volume Levels	4 (including extra loud)
Visual Alert	Optional Flashing Light
Dimensions (Chime Unit)	Approx. 6 x 20 x 24 cm
Weight	240 grams (total kit)
Material	Plastic casing
Certification	CE
Usage (Push Button)	Outdoor

## 10. WARRANTY AND SUPPORT

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For detailed warranty information, please refer to the documentation included with your purchase or visit the official Byron website. If you encounter any issues not covered in the troubleshooting section, please contact Byron customer support for assistance.

- **Online Support:** [www.byron.com/support](http://www.byron.com/support) (example link, please verify official website)
- **Email:** [support@byron.com](mailto:support@byron.com) (example email, please verify official contact)