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> Byron B304 Wireless Portable Door Chime Kit Instruction Manual

Byron B304

Byron B304 Wireless Portable Door Chime Kit

Instruction Manual

1. INTRODUCTION

The Byron B304 Wireless Portable Door Chime Kit provides a convenient and reliable solution for your home or office. This battery-powered system offers a wireless range of up to 50 meters, ensuring you hear visitors from various locations within your property. The kit includes a weatherproof doorbell push button and a portable chime unit, designed for easy installation and use.

Byron™

Wirefree Portable door chime kit

- Carillon sans fil portable
- Tragbarer Funkgong
- Draagbare draadloze deurbel
- Timbre inalámbrico portátil

B304



50
METRE



Image 1.1: The Byron B304 Wireless Portable Door Chime Kit in its retail packaging. The image displays the main chime unit and the smaller push button, highlighting its wireless and 50-meter range capabilities.

2. PACKAGE CONTENTS

Please check the package contents to ensure all components are present:

- 1 x Doorbell Push Button
- 1 x Portable Door Chime Unit
- 1 x Doorbell Push Button Battery (typically pre-installed or included)
- Mounting Hardware (screws and wall plugs)
- Instruction Manual



Image 2.1: All components of the Byron B304 kit laid out, including the portable chime, doorbell push button, and mounting screws.

3. SETUP

3.1. Battery Installation

Before installation, ensure batteries are correctly inserted into both the push button and the chime unit.

1. **Doorbell Push Button:** The push button typically comes with a pre-installed 12V A23 battery. If not, open the back cover (usually by gently prying with a small screwdriver) and insert the battery, observing polarity (+/-).
2. **Portable Door Chime Unit:** Open the battery compartment on the back of the chime unit. Insert 3 x AA 1.5V batteries (not included), ensuring correct polarity. Close the battery compartment securely.



Image 3.1: Rear view of the portable chime unit and the doorbell push button, illustrating the locations of their respective battery compartments and mounting points.

3.2. Mounting the Doorbell Push Button

The doorbell push button is weatherproof (IP44 rated) and designed for outdoor use. Choose a suitable location near your entrance, typically at a height of 1.2 to 1.5 meters (4 to 5 feet) from the ground.

- **Using Screws:** Mark the desired mounting holes using the push button as a template. Drill pilot holes, insert wall plugs if necessary, and secure the push button with the provided screws.
- **Using Adhesive (Optional):** For a non-permanent solution, you can use strong double-sided adhesive tape (not included) to attach the push button to a clean, dry, flat surface.



Image 3.2: The doorbell push button securely mounted on a brick wall next to a door, demonstrating a typical installation scenario.

3.3. Placing the Portable Door Chime Unit

The chime unit is portable and can be placed anywhere within the 50-meter range of the push button. Consider placing it in areas where you are most likely to hear it, such as the living room, kitchen, or even a garage or garden during outdoor activities. It can also be wall-mounted using screws if a fixed location is preferred.

The system uses self-learning codes to prevent interference with other wireless doorbells in your vicinity, ensuring a unique frequency for your unit.

4. OPERATING INSTRUCTIONS

4.1. Selecting a Melody

The Byron B304 offers 2 different melodies. To change the melody, locate the melody selection button on the portable chime unit (refer to the unit's exterior for button placement, often a small button or switch). Press this button repeatedly to cycle through the available melodies until you find your preferred sound.



Image 4.1: A close-up view of the portable chime unit, showing its speaker grille and design. The melody selection button is typically located on the side or back.

4.2. Wireless Range Considerations

The doorbell system has an advertised range of up to 50 meters in an open, unobstructed area. The actual range can be affected by environmental factors and obstacles:

- **Unobstructed Space:** Up to 100% of advertised range.
- **Wooden Walls & Large Obstacles (e.g., cabinets):** Range may be reduced to 80-95%.
- **Stone Walls & Large Obstacles:** Range may be reduced to 60-80%.
- **Metal Walls & Large Obstacles:** Range may be significantly reduced to 0-20%.

For optimal performance, try to minimize the number of walls and large metallic objects between the push button and the chime unit.

5. MAINTENANCE

5.1. Battery Replacement

Replace batteries when the chime unit's sound becomes weak or the push button stops activating the chime. Always use fresh batteries of the correct type and observe polarity.

- **Doorbell Push Button:** Replace with a 12V A23 battery.
- **Portable Door Chime Unit:** Replace with 3 x AA 1.5V batteries.

Dispose of old batteries responsibly according to local regulations.

5.2. Cleaning

Wipe the units with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these can damage the plastic casing. Ensure the push button's seal remains intact for weather resistance.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Chime does not sound when push button is pressed.	<ul style="list-style-type: none">◦ Dead or low batteries in either unit.◦ Units are out of range.◦ Interference from other devices.	<ul style="list-style-type: none">◦ Replace batteries in both the push button and chime unit.◦ Move the chime unit closer to the push button.◦ Ensure no large metallic objects are blocking the signal.
Chime sounds intermittently or weakly.	<ul style="list-style-type: none">◦ Low batteries.◦ Units are at the edge of their range.	<ul style="list-style-type: none">◦ Replace batteries.◦ Relocate the chime unit to a position closer to the push button.

Problem	Possible Cause	Solution
Chime sounds without the push button being pressed.	<ul style="list-style-type: none"> Interference from another wireless device. 	<ul style="list-style-type: none"> The B304 uses self-learning codes to minimize interference. If this occurs, try re-pairing the units (refer to specific instructions if provided with your unit, or remove/reinsert batteries to reset).

7. SPECIFICATIONS

Feature	Detail
Model Number	B304
Wireless Range	Up to 50 meters (open field)
Power Source (Chime)	3 x AA 1.5V Batteries (not included)
Power Source (Push Button)	1 x 12V A23 Battery (included/pre-installed)
Number of Melodies	2
Weather Resistance (Push Button)	IP44 rated
Material	Plastic casing
Dimensions (Chime Unit)	Approx. 12 x 8 x 3 cm (L x W x H)
Dimensions (Push Button)	Approx. 8 x 3 x 2 cm (L x W x H)



Image 7.1: Side profile view of both the portable chime unit and the doorbell push button, illustrating their relative sizes.

8. WARRANTY INFORMATION

The Byron B304 Wireless Portable Door Chime Kit is covered by a **24-month warranty** from the date of purchase. This warranty covers manufacturing defects and faulty materials under normal use. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage caused by:

- Improper installation or use.
- Accidental damage, misuse, or neglect.
- Unauthorized repairs or modifications.
- Normal wear and tear, including battery depletion.

For warranty service or support, please contact your retailer or the Byron customer service department.