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› [Byron Wireless Doorbell Kit DBY-22321NP - 150m Range - 16 Melodies - Adjustable Volume](#)

## Byron DBY-22321NP

# Byron Wireless Doorbell Kit DBY-22321NP

User Instruction Manual

## INTRODUCTION

Thank you for choosing the Byron Wireless Doorbell Kit DBY-22321NP. This kit provides a reliable and convenient solution for your home or office, featuring a wireless range of up to 150 meters, 16 selectable melodies, and adjustable volume control. This manual will guide you through the installation, operation, and maintenance of your new doorbell system to ensure optimal performance and longevity.

## SAFETY INFORMATION

- Read all instructions carefully before installation and use.
- Do not expose the units to extreme temperatures, direct sunlight, or excessive moisture.
- Use only the specified battery types. Ensure correct polarity when inserting batteries.
- Keep batteries out of reach of children. If swallowed, seek immediate medical attention.
- Do not attempt to open or repair the units yourself. Refer all servicing to qualified personnel.
- Dispose of old batteries and electronic waste responsibly according to local regulations.

## PACKAGE CONTENTS

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

- 1x Wireless Doorbell Chime Unit (Receiver)
- 1x Wireless Push Button (Transmitter)
- Mounting hardware (screws, wall plugs, adhesive pad)
- Batteries (for push button, and possibly for chime if battery-operated)
- User Manual (this document)



Figure 1: Main components of the Byron Wireless Doorbell Kit.

## SETUP AND INSTALLATION

### 1. Installing Batteries

#### For the Push Button (Transmitter):

1. Gently pry open the back cover of the push button unit.
2. Insert the supplied battery (e.g., CR2032 lithium battery) into the battery compartment, ensuring correct polarity (+/-).
3. Close the back cover securely.

#### For the Chime Unit (Receiver):

The chime unit may be battery-operated or plug-in. If battery-operated, open the battery compartment on the back and insert the required batteries (e.g., 3x AA batteries), observing polarity. If plug-in, simply plug it into a standard wall outlet.



Figure 2: Rear view of the chime unit and push button, illustrating battery compartments and mounting options.

## 2. Mounting the Push Button

Choose a suitable location near your entrance, away from direct metal surfaces which can interfere with the wireless signal. The push button is typically weather-resistant (IP44 rated).

- **Using Screws:** Mark the desired mounting holes, drill pilot holes if necessary, and secure the push button using the provided screws and wall plugs.
- **Using Adhesive Pad:** Clean the mounting surface thoroughly. Peel off the protective film from the adhesive pad and firmly press the push button onto the surface for at least 30 seconds.

## 3. Positioning the Chime Unit

Place the chime unit in a central location within your home where the sound can be easily heard. Consider the maximum wireless range of 150 meters. Avoid placing it near large metal objects or other electronic devices that might cause interference.



Figure 3: Close-up of the push button, showing the clear nameplate cover.

#### 4. Pairing (if necessary)

Most Byron doorbell kits come pre-paired. If your chime does not ring when the push button is pressed, you may need to pair them:

1. On the chime unit, locate the pairing button (often a small button inside the battery compartment or on the side).
2. Press and hold the pairing button for a few seconds until an indicator light flashes or a sound is heard.
3. Within 10 seconds, press the push button. The chime unit should ring, indicating successful pairing.
4. If pairing fails, repeat the process.

### OPERATING INSTRUCTIONS

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#### 1. Changing Melodies

Your doorbell kit offers 16 different melodies. To change the melody:

- Locate the melody selection button on the chime unit. This is often a small button on the side or front.
- Press the button repeatedly to cycle through the available melodies. The chime will play each melody as you select it.
- Stop pressing when you hear your desired melody. It will be saved automatically.



Figure 4: Side view of the chime unit, indicating the location of control buttons.

## 2. Adjusting Volume

To adjust the volume level of the chime unit:

- Locate the volume control button on the chime unit. This might be a dedicated button or integrated with the melody selection.
- Press the button to cycle through different volume levels (e.g., High, Medium, Low, Mute).
- Select the volume level that best suits your needs.

## MAINTENANCE

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- **Cleaning:** Wipe the units with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:**
  - If the push button stops working or its range decreases, replace the battery (e.g., CR2032).
  - If the chime unit's sound becomes weak or it stops ringing (and it's battery-operated), replace its batteries (e.g., AA).
  - Always replace all batteries at the same time and ensure correct polarity.

- Environmental Protection:** Do not dispose of electrical appliances as unsorted municipal waste. Use separate collection facilities. Contact your local government for information regarding the collection systems available.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Chime does not ring when push button is pressed.	1. Batteries are dead or inserted incorrectly. 2. Units are not paired. 3. Units are out of range or signal interference.	1. Replace batteries in both units, ensuring correct polarity. 2. Follow the pairing instructions in the "Setup and Installation" section. 3. Move the chime unit closer to the push button. Avoid placing units near large metal objects, thick walls, or other electronic devices.
Chime rings intermittently or has reduced range.	1. Low battery in push button. 2. Signal interference.	1. Replace the push button battery. 2. Relocate the chime unit or push button to minimize interference.
Chime volume is too low or too high.	Volume setting needs adjustment.	Adjust the volume using the volume control button on the chime unit.

## SPECIFICATIONS

Feature	Detail
Model Number	DBY-22321NP
Dimensions (L x W x H)	2.91 x 7 x 10.05 cm (Chime Unit); (Push Button dimensions not specified, but implied to be smaller)
Weight	104 grams (total kit)
Wireless Range	Up to 150 meters (open field)
Melodies	16 selectable melodies
Volume Levels	Adjustable
Power Supply (Push Button)	Battery (e.g., CR2032, included)
Power Supply (Chime Unit)	Battery (e.g., 3x AA, required) or Plug-in (model dependent)
Voltage	4.5 Volts (for battery-operated chime)
IP Rating (Push Button)	IP44 (weather-resistant)

## WARRANTY AND SUPPORT

Byron products are manufactured to high quality standards. This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included in your package or visit the official Byron website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or to inquire about spare parts, please contact Byron customer service through their official website or the contact information provided with your purchase. When contacting support, please have your product model number (DBY-22321NP) and purchase details ready.

You can find more information and support at:[www.byron.com](http://www.byron.com)

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Model: DBY-22321NP