

1byone OUSQH-0535

1byone OUSQH-0535 Easy Chime Wireless Doorbell Kit Instruction Manual

Model: OUSQH-0535

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your 1byone OUSQH-0535 Easy Chime Wireless Doorbell Kit. This kit includes two plug-in receivers and one push button, designed to provide a reliable and convenient notification system for your home or office. Please read this manual thoroughly before use to ensure proper functionality and safety.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 2 x 1byone Plug-in Receivers
- 1 x 1byone Wireless Push Button
- 1 x AAA Battery (pre-installed in push button)
- Mounting Hardware (screws and adhesive tape)



Figure 2.1: Complete 1byone Wireless Doorbell Kit

3. PRODUCT FEATURES

- **Extended Wireless Range:** Operates up to 100 meters (300 feet) in open areas, ensuring reliable signal transmission throughout most homes.
- **Multiple Chime Tones:** Offers 36 selectable CD-quality melodies.
- **Adjustable Volume:** Three volume levels ranging from 25dB to 85dB.
- **Visual Alert:** Integrated LED flash provides a visual notification, beneficial for the hearing impaired or noisy environments.
- **Weatherproof Push Button:** IP44 rated for outdoor use, protecting against dust and splashing water.
- **Expandable System:** Supports adding additional 1byone chimes or push buttons.
- **Easy Installation:** Simple plug-and-play setup for receivers and flexible mounting options for the push button.



Figure 3.1: Wireless Range Illustration

4. COMPONENT IDENTIFICATION

4.1. Plug-in Receiver



Figure 4.1: Receiver Controls and Features

- **Sound/LED Flash Switch:** Toggles between sound only, LED flash only, or sound and LED flash modes.
- **Plug:** For connecting to a standard electrical outlet.
- **Volume Adjustment:** Cycles through three volume levels (low, medium, high).
- **Melody Selector:** Cycles through the 36 available chime melodies.
- **Auto-learning Code Button:** Used for pairing the receiver with a push button.

4.2. Wireless Push Button



Figure 4.2: Wireless Push Button

- **Push Button:** Activates the doorbell chime.
- **LED Indicator:** Illuminates when the button is pressed, confirming signal transmission.
- **Battery Compartment:** Located on the back, houses the AAA battery.

5. SETUP

5.1. Installing the Push Button

1. **Battery Installation:** The push button comes with a pre-installed AAA battery. If replacement is needed, carefully open the back cover to access the battery compartment. Ensure correct polarity.
2. **Mounting Location:** Choose a flat, vertical surface near your door. Ensure the location is easily accessible to visitors and within the wireless range of your receivers.
3. **Mounting Options:**

- **Adhesive Tape:** Peel off the protective film from the included double-sided adhesive tape and firmly press the push button onto the desired surface for at least 30 seconds.
- **Screws:** Use the provided screws and wall anchors to securely fasten the push button to the wall. It is recommended to apply a small amount of silicone sealant around the screw holes on the back of the button to enhance weather resistance.

5.2. Installing the Receivers

1. Select a standard electrical outlet in a central location within your home or in areas where you wish to hear the chime.
2. Plug the receiver directly into the electrical outlet. The receiver will power on.
3. Repeat for the second receiver in another desired location.

5.3. Pairing the Push Button with Receivers (Auto-Learning)

The push button and receivers are typically pre-paired at the factory. If they do not work out of the box, or if you wish to add additional push buttons/receivers, follow these steps:

1. Plug the receiver into an electrical outlet.
2. Press and hold the **Auto-learning Code Button** on the receiver for approximately 5 seconds until the receiver emits a 'ding' sound and its LED indicator flashes. This indicates it is in pairing mode.
3. Immediately press the wireless push button. The receiver will chime, confirming successful pairing.
4. Test the pairing by pressing the push button. The receiver should chime.
5. Repeat this process for any additional receivers you wish to pair with the same push button.

6. OPERATION

6.1. Changing Melodies

To select a different melody:

- Press the **Melody Selector** button on the side of the receiver. Each press will cycle to the next available melody.
- Stop pressing when you hear your desired melody. The selected melody will be saved.

6.2. Adjusting Volume

To change the volume level:

- Press the **Volume Adjustment** button on the side of the receiver. Each press will cycle through the three available volume levels (low, medium, high).
- Select the volume level that best suits your environment.

6.3. Sound and LED Flash Modes

To switch between notification modes:

- Use the **Sound/LED Flash Switch** on the side of the receiver.
- Toggle the switch to select sound only, LED flash only, or both sound and LED flash.

7. MAINTENANCE

7.1. Push Button Battery Replacement

When the push button's LED indicator no longer illuminates or the signal becomes unreliable, it's time to replace the battery.

1. Carefully open the back cover of the push button. Note that the cover may be tight to ensure weather resistance.
2. Remove the old AAA battery.
3. Insert a new AAA battery, ensuring correct positive (+) and negative (-) polarity.
4. Securely close the back cover.
5. Test the push button with the receivers to confirm functionality.

7.2. Cleaning

To clean the doorbell components, use a soft, dry cloth. Do not use abrasive cleaners, solvents, or immerse any part in water.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Receiver does not chime.	Receiver not powered on. Push button battery low/dead. Not paired. Out of range.	Ensure receiver is plugged into a live outlet. Replace push button battery. Re-pair the push button and receiver (Section 5.3). Move receiver closer to push button.
Doorbell chimes randomly.	Interference from other wireless devices. Environmental factors.	Re-pair the push button and receiver to reset the code (Section 5.3). Ensure no other strong radio frequency devices are directly adjacent to the doorbell components.
Receiver loses pairing after power cut.	Temporary power interruption.	Re-pair the push button and receiver (Section 5.3).
Push button difficult to open for battery replacement.	Tight seal for weather protection.	Use a small, flat tool to gently pry open the cover. Exercise caution to avoid damage.
Sound quality not as expected.	Subjective perception. Speaker limitations.	While the system offers 36 melodies, sound quality can vary. Ensure volume is set appropriately.

9. SPECIFICATIONS

Feature	Detail
Model Name	OUSQH-0535
Brand	1byone

Feature	Detail
Color	Black
Material	Metal (components may include plastic)
Wireless Range	Up to 100 meters (300 feet)
Melodies	36 selectable
Volume Levels	3 (25dB to 85dB)
Push Button Rating	IP44 (weatherproof)
Push Button Battery	1 x AAA (included)
Receiver Power	AC Plug-in (Voltage: 12V, Power Consumption: <5W)
Item Weight	Approximately 7.8 ounces (0.49 Pounds)
Product Dimensions	Receivers: 4.72 x 3.15 x 4.72 inches Push Button: 3.42 x 1.38 inches (approx.)



Figure 9.1: Product Dimensions

10. SAFETY INFORMATION

- Do not expose the push button to extreme temperatures or direct sunlight for prolonged periods.
- Ensure receivers are plugged into easily accessible outlets for quick disconnection if needed.
- Do not attempt to disassemble or repair the product yourself. Refer all servicing to qualified personnel.
- Keep batteries out of reach of children. Dispose of used batteries according to local regulations.
- Avoid placing receivers near strong electromagnetic fields, which may interfere with operation.

11. WARRANTY AND SUPPORT

For warranty information or technical support, please contact 1byone customer service through their official website or the retailer where the product was purchased. Please have your model number (OUSQH-0535) and purchase details ready.