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linbell G4LDW-U

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1. OVERVIEW

The linbell G4LDW-U Self-Powered Wireless Doorbell System offers a convenient and environmentally friendly solution for your home or office. This system eliminates the need for batteries and complex wiring, utilizing kinetic energy to power the transmitter. The kit includes one self-powered push button (transmitter) and two plug-in receivers, providing coverage for multiple areas.

This manual provides detailed instructions for setting up, operating, and maintaining your doorbell system to ensure optimal performance.

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Video 1: Overview of the linbell Wireless Doorbell System. This video demonstrates the product's key features and ease of use.

2. PRODUCT COMPONENTS

Your linbell G4LDW-U doorbell system includes the following components:

- **1 x Self-Powered Push Button (Transmitter):** This unit generates its own power when pressed, sending a wireless signal to the receivers.
- **2 x Plug-in Receivers:** These units plug into standard electrical outlets and produce the chime sound when a signal is received from the transmitter.



Figure 1: The linbell G4LDW-U Wireless Doorbell System, showing the self-powered push button and two plug-in receivers.

3. KEY FEATURES

- **Self-Powered Technology:** The push button generates electricity from kinetic energy when pressed, eliminating the need for batteries. This design ensures a long lifespan, tested for over 10,000 pushes, equivalent to approximately 10 years of use.

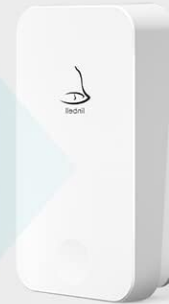
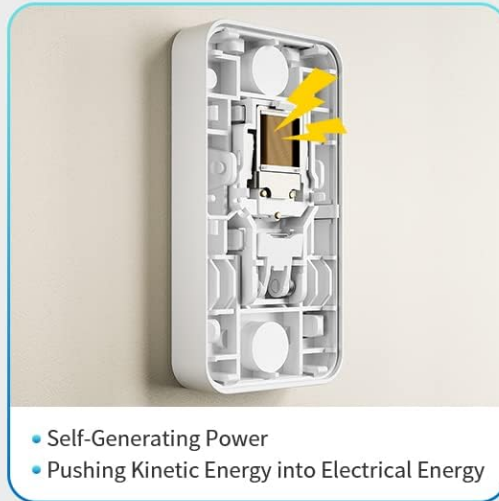
Self-Powered & Lifetime Maintenance-Free

10,000+ Push Test, 10 Years Lifespan

30 Pushes/Day

=

10 Years Use



No Batteries
Required



Cordless



Energy-Saving
Eco-Friendly

Figure 2: Illustration of the self-powered technology, highlighting the kinetic energy conversion that eliminates battery requirements.

- **Extended Wireless Range:** The system operates effectively within a range of up to 300 feet indoors and 500 feet outdoors, ensuring reliable signal transmission throughout your property.

Expand Your Doorbell with 2 Receivers



Figure 3: Visual representation of the doorbell system's expanded coverage with two receivers in different rooms.

- **Customizable Chimes and Volume:** Choose from 36 distinct chimes and adjust the volume across 5 levels, ranging from 0dB (mute) to 105dB. The system also features an LED flash indicator, beneficial for individuals with hearing impairments.

Multiple Choice to Personalize to Your Needs



Figure 4: Personalization options for the doorbell, including various chimes and volume settings.

- **Durable and Weatherproof Design:** The push button is IP55 waterproof and designed to withstand various weather conditions, operating reliably in temperatures from -4°F to 140°F. The product is CE, RoHS, and FCC certified.

Safty and Ready for Any Weather

CE, RoHS, FCC Certified



Figure 5: The doorbell's robust design ensures functionality in diverse weather conditions.

- **Memory Function:** The system retains your selected chime and volume settings even after a power outage, eliminating the need for re-configuration.
- **Versatile Applications:** Beyond traditional home use, the doorbell can serve as an SOS caregiver pager or a dog doorbell, adapting to various needs in homes, apartments, classrooms, and offices.

Suitable for Various Scenarios



Figure 6: Examples of diverse applications for the linbell wireless doorbell system.

4. SETUP AND INSTALLATION

The linbell G4LDW-U doorbell system is designed for quick and easy installation without the need for wiring or batteries.

4.1. Push Button (Transmitter) Installation

The push button can be installed using either the provided 3M adhesive or screws.

Adhesive Patch Mounting:

1. Clean the desired installation surface thoroughly to ensure it is dry and free of dust or grease.
2. Peel off the protective film from the back of the 3M adhesive pad.
3. Firmly press the push button onto the cleaned surface for at least 30 seconds.

Screw Mounting:

1. Open the back cover of the push button.
2. Mark the desired drilling points on the wall using the screw holes on the back cover as a template.
3. Drill holes and insert wall anchors if necessary.
4. Secure the back cover to the wall with screws.
5. Attach the push button to the secured back cover.

4.2. Receiver Installation

Simply plug each receiver into a standard electrical outlet. For optimal signal reception, it is recommended to plug receivers into outlets that are at least 20 inches above the floor.



Figure 7: Detailed instructions for both adhesive and screw mounting of the push button.

5. OPERATION

Once installed, your linbell doorbell system is ready for use. Follow these steps to customize its operation.

5.1. Adjusting Volume

The receivers offer 5 adjustable volume levels, including a mute mode (0dB) for quiet environments.

1. Plug in a receiver.
2. Press the volume button on the side of the receiver repeatedly to cycle through the 5 volume levels.
3. Stop at your desired volume level. The setting will be saved automatically.

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Video 2: Instructions on how to adjust the volume and change ringtones on your linbell wireless doorbell receiver.

5.2. Changing Ringtones

The receivers come with 36 selectable chimes. You can set a different chime for each receiver or even for different transmitters if you have multiple.

1. Plug in a receiver.
2. Press the music selection button on the side of the receiver to cycle through the available chimes.
3. Once you hear the desired chime, press and hold the music selection button for approximately 3 seconds until the LED light flashes slowly. This indicates the receiver has entered pairing/learning mode.
4. Within 30 seconds, press the push button (transmitter) once. The receiver will play the selected chime, confirming successful pairing.

5.3. Pairing Additional Devices

Your linbell doorbell system is pre-paired from the factory. However, if you purchase additional transmitters or receivers, or if you need to re-pair existing devices, follow these steps:

1. Plug in the receiver you wish to pair.
2. Select your desired chime and volume as described in sections 5.1 and 5.2.
3. Press and hold the music selection button on the receiver for approximately 3 seconds until the LED light flashes slowly (indicating pairing/learning mode).
4. Within 30 seconds, press the push button (transmitter) once. The receiver will play the selected chime, confirming successful pairing.
5. Repeat this process for any additional transmitters or receivers. One receiver can be paired with up to 10 transmit buttons, and one transmit button can be paired with up to 60 receivers.

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Video 3: A guide on how to add and pair additional remote buttons or receivers to your linbell doorbell system.

6. MAINTENANCE

The linbell G4LDW-U doorbell system requires minimal maintenance due to its batteryless design and durable construction.

- **Cleaning:** Wipe the push button and receivers with a soft, dry cloth to remove dust or dirt. Avoid using harsh chemicals or abrasive cleaners.
- **Environmental Conditions:** Ensure the push button is installed in a location within its specified operating temperature range (-4°F to 140°F) and is not submerged in water, despite its IP55 waterproof rating.

7. TROUBLESHOOTING

If you encounter any issues with your linbell doorbell system, refer to the following troubleshooting tips:

Issue	Possible Cause	Solution
Receiver does not chime	Receiver not powered, devices not paired, or transmitter not pressed correctly.	Ensure receiver is plugged into a live outlet. Re-pair the transmitter and receiver (see Section 5.3). Ensure the push button is pressed firmly.
Weak or inconsistent signal	Distance too far, obstructions (thick walls, metal objects), or receiver placement.	Reduce distance between transmitter and receiver. Avoid placing receivers near large metal objects. Try moving receivers to a higher position (e.g., at least 20 inches above the floor).
Unwanted ringing	Interference from other devices or accidental activation.	The system uses unique codes to prevent interference. If this occurs, try re-pairing the devices to reset the code. Ensure the push button is not accidentally pressed.

8. SPECIFICATIONS

Feature	Specification
Brand	linbell
Model Number	G4LDW-U
Item Weight	8.1 ounces
Product Dimensions	2.55 x 1.38 x 2.55 inches
Configuration	1 Transmitter (Push Button) + 2 Receivers
Color	White
Material	ABS
Power Source	AC (for receivers)
Maximum Power	0.5 Watts
Installation Method	Self-Adhesive / Screw Mounting
Operating Temperature Range	-4°F ~ 140°F (-20°C ~ 60°C)
Sound Level	Up to 105-108 Decibels
Special Features	Self-Powered, Easy to Install, Portable, Waterproof (IP55)
Wireless Coverage	Indoor: 300 FT, Outdoor: 500 FT
Certification	CE, RoHS, FCC Certified

9. WARRANTY AND SUPPORT

For further assistance, warranty information, or to report any issues with your linbell G4LDW-U Self-Powered Wireless Doorbell System, please contact linbell customer support through the retailer where the product was purchased or visit the official linbell website.

