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› BITIWEND Wireless Signal Converter and Doorbell Extender User Manual

BITIWEND B8,WET01

BITIWEND Wireless Signal Converter and Doorbell Extender User Manual

Model: B8,WET01

Brand: BITIWEND

INTRODUCTION

The BITIWEND Wireless Signal Converter and Doorbell Extender system is designed to easily integrate into any existing doorbell installation, whether electronic, electromechanical, or mechanical. This system allows you to extend your doorbell's reach and customize its sound with multiple melodies and adjustable volume levels.

This package includes one wireless converter and four plug-in receivers, providing comprehensive coverage for your home or business.



Image: Overview of the BITIWEND Wireless Signal Converter kit, showing one converter module with wires and four plug-in doorbell receivers.

SETUP AND INSTALLATION

Follow these steps to set up your BITIWEND Wireless Signal Converter and receivers:

1. Radio Converter Installation

1. Identify your existing doorbell system. The BITIWEND converter is compatible with electronic, electromechanical, and mechanical bells/gongs.
2. Connect the marked cables (+/-) of the radio converter to your existing doorbell system. The cables do not require distinction between positive and negative poles, simplifying installation.
3. Ensure the power supply to the converter is within the 3-24V AC/DC range. Power is supplied via your doorbell transformer or mechanical gong. **Warning: Do not connect to high-voltage circuits; this poses a risk of short circuit. If the installation voltage is above 24V, please use a transformer.**
4. Position the antenna of the radio converter for optimal signal transmission.

Radio Converter Installation

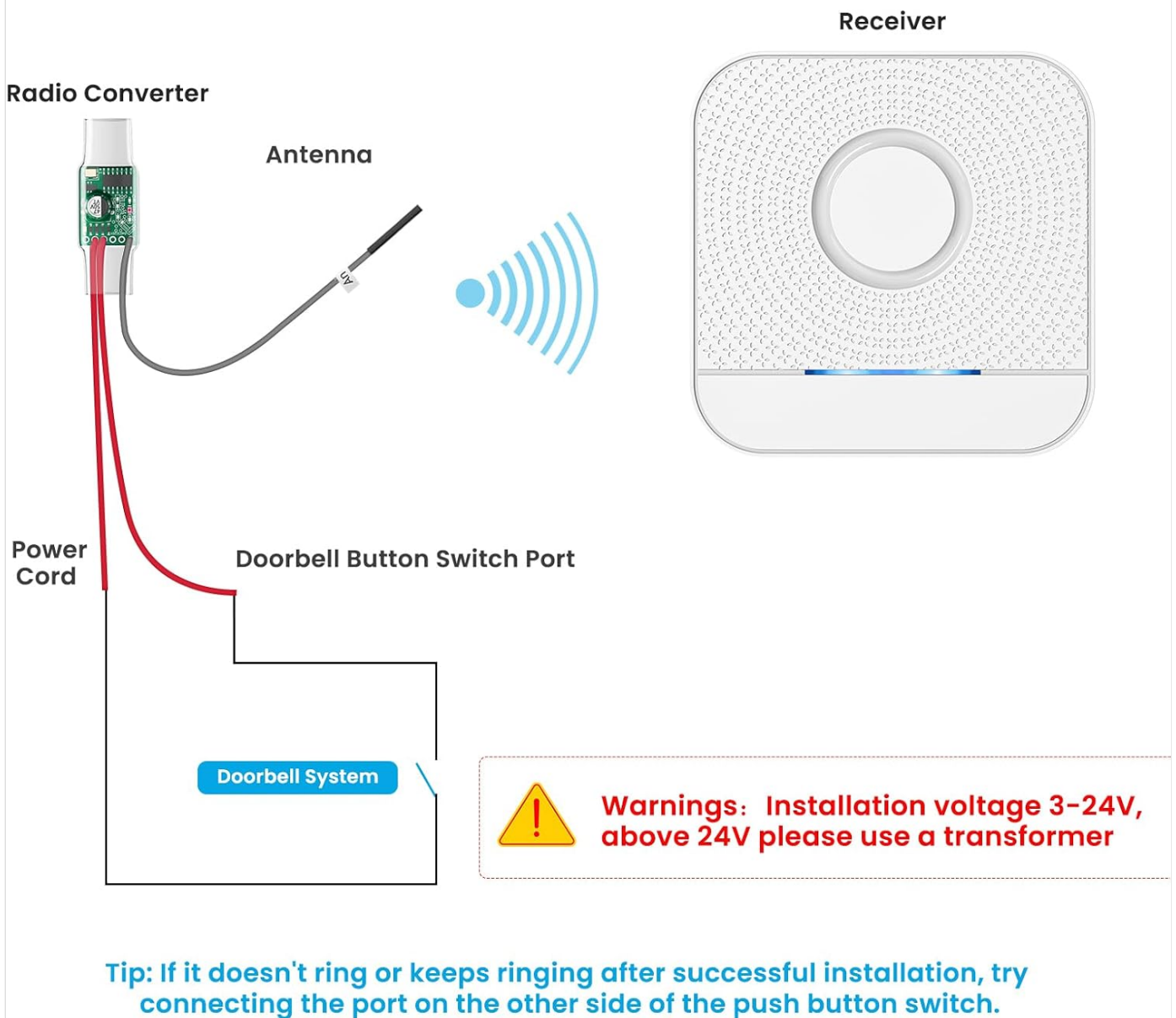


Image: A diagram illustrating the connection of the radio converter to an existing doorbell system, showing the power cord and doorbell button switch port connections, along with the antenna and wireless signal transmission to the receiver.

BITIWEND RINGING SYSTEMS RADIO CONVERTER

Easy & fast integration into existing ringing system

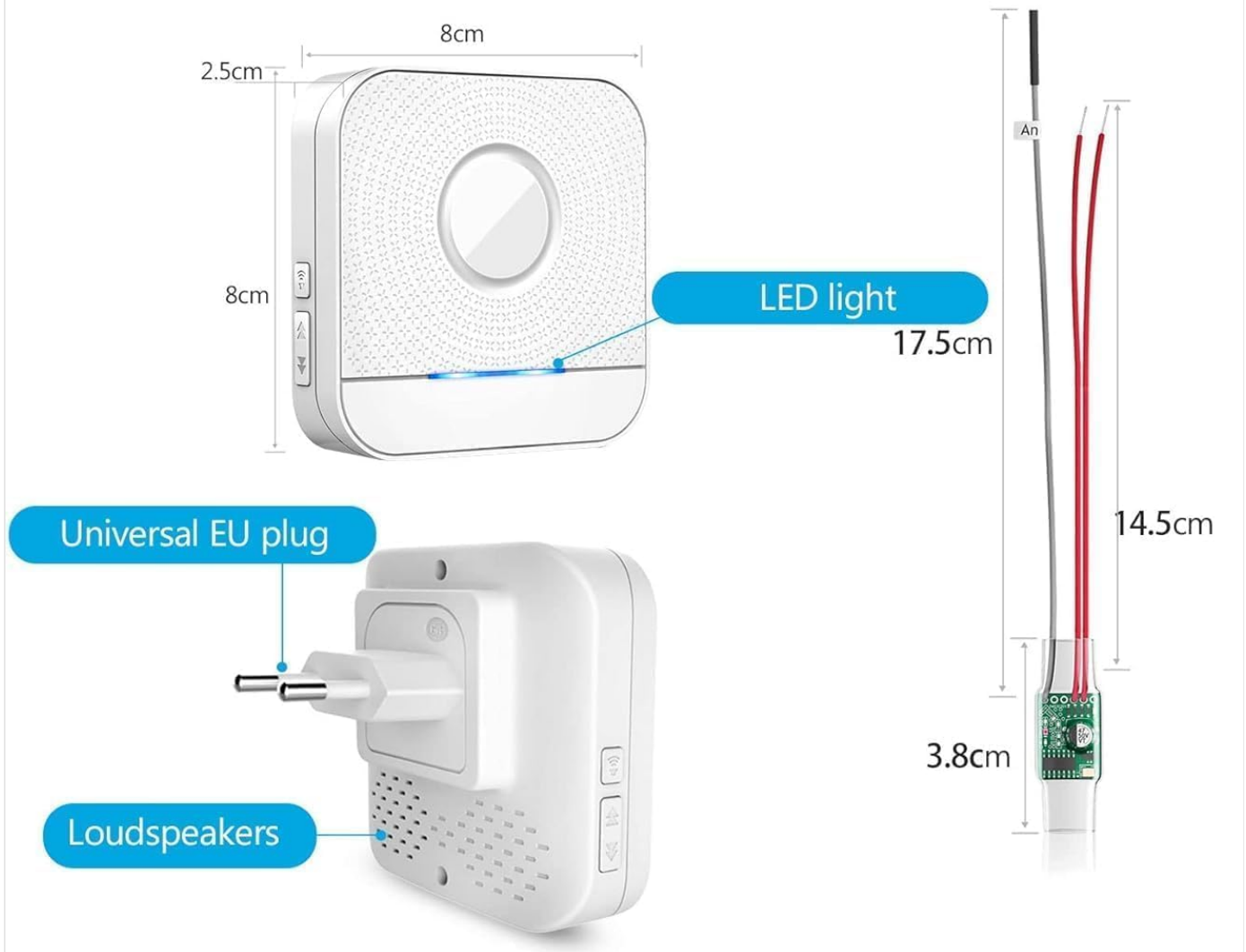


Image: Detailed view of the receiver and radio converter, including their dimensions (e.g., receiver 8cm x 8cm, converter 3.8cm x 14.5cm) and highlighting features like the LED light and universal EU plug.

2. Receiver Placement and Pairing

1. Plug the wireless doorbell receivers into standard power outlets in desired locations within your home or business.
2. The wireless range between the converter and receiver is up to 200 meters (656 feet) in an open field. Consider obstacles like walls and floors which may reduce this range.
3. The receivers are pre-paired with the converter. If re-pairing is needed, refer to the troubleshooting section.



Image: An illustration demonstrating the 200-meter (656 feet) wireless range of the system in an open field, showing how the signal can cover an entire home or business, with various wall types indicated.

OPERATING INSTRUCTIONS

Once installed, your BITIWEND system is ready for use:

- **Ringtone Selection:** Choose from 58 different polyphonic bell melodies. To change the melody, refer to the receiver's controls (typically buttons on the side).

- **Volume Adjustment:** The volume is adjustable in 5 levels, ranging from 0 dB (mute) to 110 dB. Adjust the volume using the dedicated buttons on the receiver.
- **LED Indicator:** The receiver features an LED indicator that flashes when the doorbell rings, providing a visual alert.
- **Ringtone Memory Function:** The system retains your selected ringtone and volume settings even after a power outage.

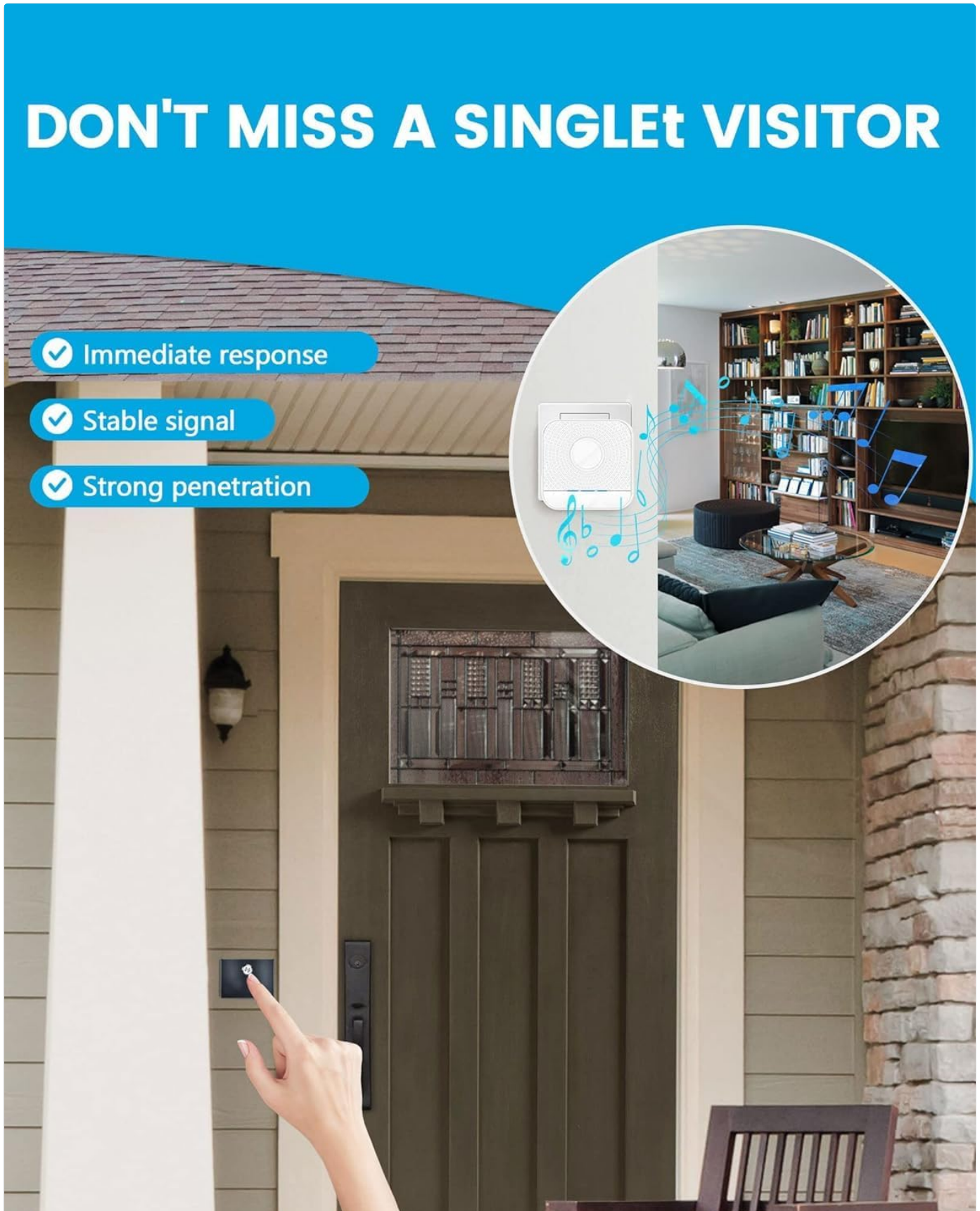


Image: A visual representation of the receiver's features, highlighting 5 volume levels (0-110dB), 58 ringtones, an LED indicator, and a ringtone memory function, with a child playing in the background.

200 M / 656 FT IM FREIFELD

cover your home or business completely

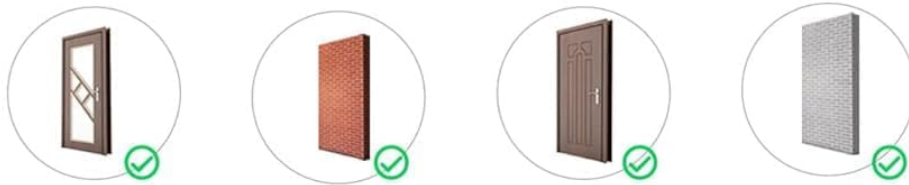


Image: A person pressing a doorbell button, illustrating the system's immediate response, stable signal, and strong penetration, ensuring no visitor is missed.

MAINTENANCE

To ensure the longevity and optimal performance of your BITIWEND Wireless Signal Converter system, consider the following maintenance tips:

- **Cleaning:** Wipe the surfaces of the converter and receivers with a soft, dry cloth. Avoid using abrasive cleaners or solvents.

- **Environment:** Keep the devices away from excessive moisture, direct sunlight, and extreme temperatures.
- **Connections:** Periodically check the wiring connections to the radio converter to ensure they remain secure.

TROUBLESHOOTING

If you encounter issues with your BITIWEND Wireless Signal Converter system, please refer to the following common solutions:

- **Receiver Not Working or Ringing Continuously:**

If the receiver does not work, or if it rings continuously without anyone pressing the doorbell, try re-pairing the transmitter (radio converter) with the receiver(s) after deleting the existing pairing code.

To re-pair:

1. Unplug the receiver from the power outlet.
2. Press and hold the volume button on the receiver while plugging it back into the power outlet. Continue holding until the LED indicator flashes rapidly.
3. Release the button. The receiver is now in pairing mode.
4. Activate your existing doorbell (connected to the converter). The receiver should ring, indicating successful pairing.

- **No Sound or Low Volume:**

Ensure the receiver is plugged into a working power outlet. Check the volume setting on the receiver and increase it if necessary.

- **Limited Range:**

While the system has a range of up to 200m in open fields, obstacles like thick walls, metal structures, or other electronic devices can reduce the effective range. Try repositioning the receiver or converter to minimize interference.

- **Power Supply Issues for Converter:**

Verify that the power supply to the radio converter is within the specified 3-24V AC/DC range. Incorrect voltage can prevent the unit from functioning or cause damage.

If the problem persists after attempting these troubleshooting steps, please contact BITIWEND customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Brand	BITIWEND
Model Number	B8,WET01
Product Dimensions	7 x 9 x 9.5 cm; 380 g (overall package)
Included Components	1 x Wireless Converter, 4 x Receiver
Power Supply (Converter)	3-24V AC/DC (via doorbell transformer or mechanical gong)
Wireless Frequency	433 MHz +/- 40 kHz
Wireless Range	Up to 200 m (656 ft) in open field
Ringtones	58 polyphonic melodies

Volume Levels	5 levels (0-110 dB)
Batteries Required?	No
First Available Date	March 4, 2025

WARRANTY AND SUPPORT

For specific warranty information regarding your BITIWEND Wireless Signal Converter and Doorbell Extender, please refer to the documentation provided with your purchase or contact the retailer/manufacturer directly.

If you require technical support or have questions not covered in this manual, please reach out to BITIWEND customer service. Contact details can typically be found on the product packaging or the official BITIWEND website.

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This manual is for informational purposes only. Specifications are subject to change without notice.