

AVANTEK CW-21

AVANTEK CW-21 Wireless Doorbell Instruction Manual

Model: CW-21

INTRODUCTION

Thank you for choosing the AVANTEK CW-21 Wireless Doorbell. This device is designed to provide a reliable and convenient notification system for your home or office. Featuring a waterproof transmitter, long wireless range, and customizable melodies, this doorbell ensures you never miss a visitor. Please read this manual carefully to ensure proper installation and operation.

PACKAGE CONTENTS

Verify that all components are present in your package:

- 1 × Plug-in Receiver
- 2 × Wireless Transmitters
- 2 × Double-sided Adhesive Tapes
- 1 × Screwdriver
- 4 × Screws
- 4 × Anchors
- 1 × User Manual (this document)



Image: Contents of the AVANTEK CW-21 Wireless Doorbell kit, showing the receiver, two transmitters, mounting hardware, and user manual.

SETUP AND INSTALLATION

The AVANTEK CW-21 doorbell offers flexible installation options for the transmitter and simple setup for the receiver.

Receiver Setup

1. Plug the receiver into a standard electrical outlet. Ensure it is placed in a central location to maximize wireless range.
2. The receiver will power on and be ready for operation.

Transmitter Installation

Before installation, ensure the transmitter's battery is active. The transmitter uses a lithium battery with a maximum lifespan of 3 years. No battery installation is typically required upon initial setup as it comes pre-installed with a protective tab that needs to be removed.

There are two methods for mounting the transmitter:

Method A: Using Double-Sided Adhesive Tape

- Clean the mounting surface thoroughly to ensure it is free of dust and moisture.
- Peel off one side of the protective film from the double-sided adhesive tape and attach it to the back of the transmitter.
- Peel off the other side of the protective film and firmly press the transmitter onto the desired location on the wall or door frame for at least 30 seconds.

Method B: Using Screws and Anchors

- Open the transmitter casing using the provided screwdriver.
- Mark the desired drilling points on the wall using the transmitter's back plate as a template.
- Drill two holes at the marked positions. Insert the anchors into the holes.
- Align the transmitter's back plate with the holes and secure it with the screws.
- Reattach the front casing of the transmitter.

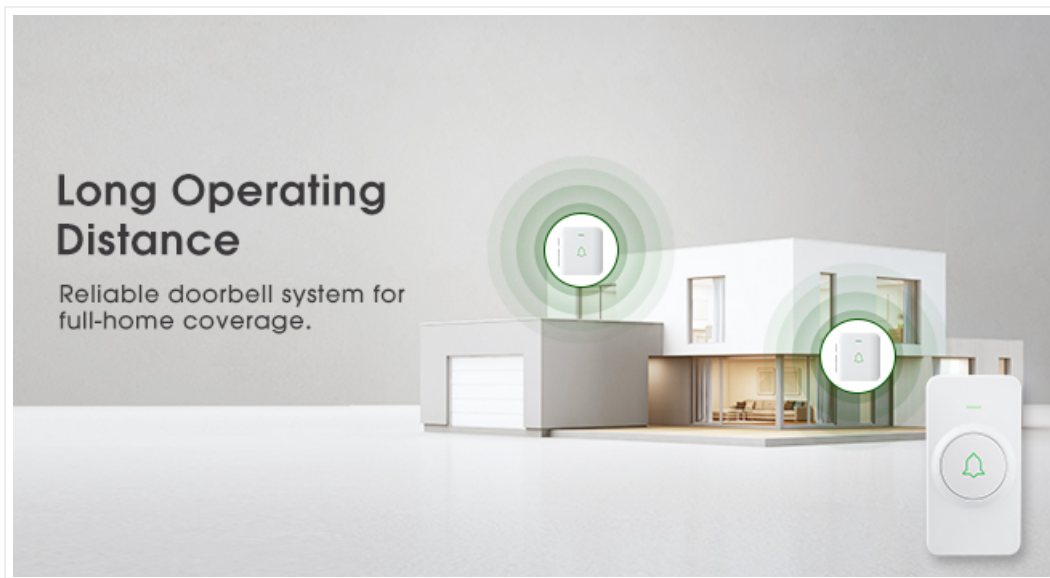


Image: Installation instructions diagram illustrating both adhesive tape and screw/anchor mounting methods for the transmitter.

OPERATING INSTRUCTIONS

The AVANTEK CW-21 doorbell system is designed for user-friendly operation with customizable settings.

Melody Selection

The receiver offers 52 distinct melodies. To change the melody:

- Press the 'Music' button on the side of the receiver to cycle through the available melodies.
- Once you hear a desired melody, stop pressing the button. The receiver will automatically save this selection.

Volume Adjustment

The receiver has 5 adjustable volume levels, with a maximum setting of 115 dB. To adjust the volume:

- Press the 'Volume' button on the side of the receiver to cycle through the volume levels.
- Select the desired volume level. The receiver will save this setting.

52 Chimes and Tunes



Image: The receiver unit highlighting its features: 52 chimes and tunes, 5 volume levels, and an LED indicator.

Customizing Transmitters with Different Tones

You can assign a unique melody to each transmitter, allowing you to differentiate between multiple entry points (e.g., front door, back door).

1. Select the desired melody on the receiver using the 'Music' button.
2. Immediately after selecting the melody, press and hold the 'Volume' button on the receiver for approximately 5 seconds until you hear a 'ding' sound and the LED indicator flashes rapidly. This indicates pairing mode.
3. Within 5 seconds, press the button on the specific transmitter you wish to pair with this melody. The receiver will sound the selected melody, confirming successful pairing.
4. Repeat this process for each additional transmitter, selecting a different melody for each if desired.

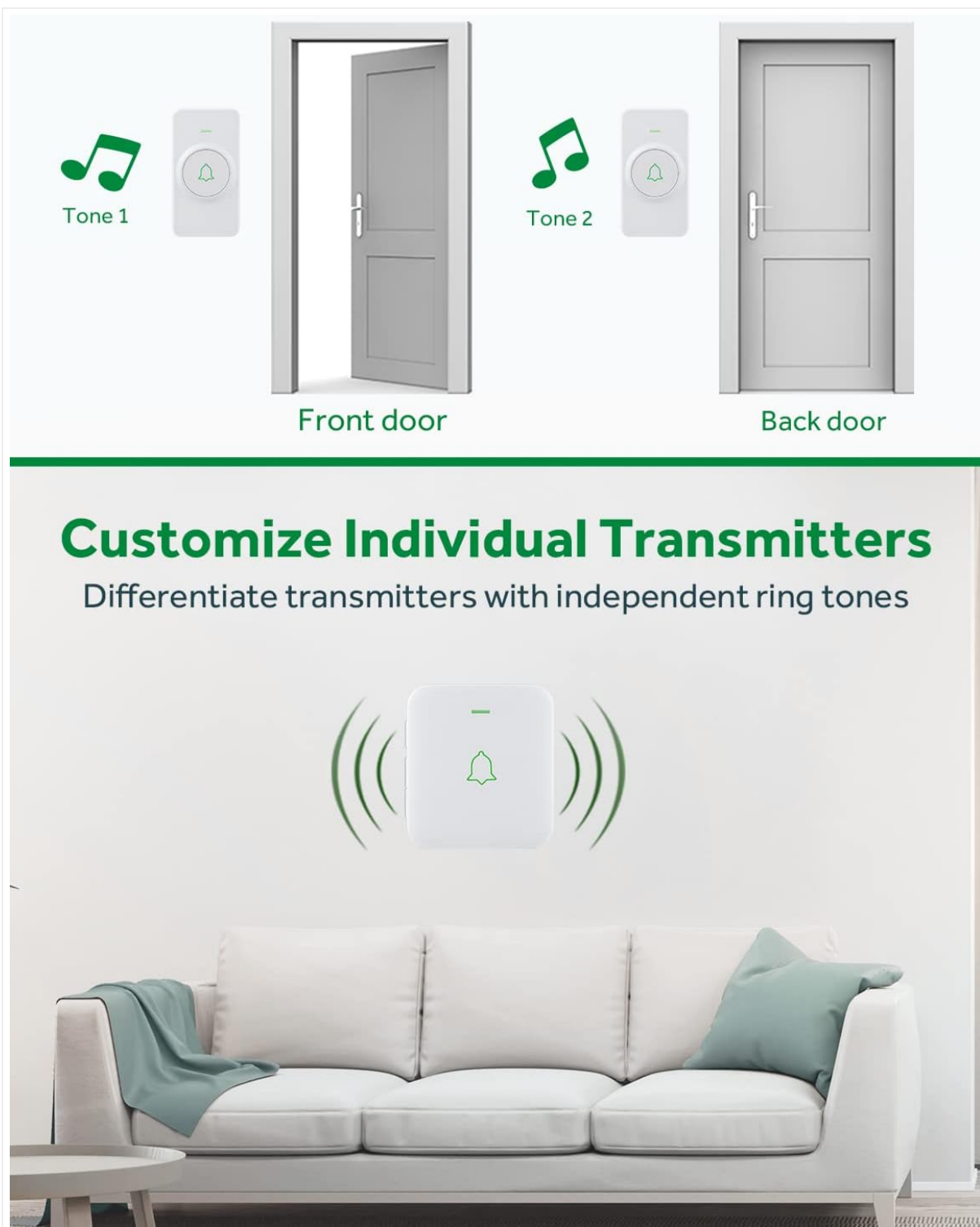


Image: Diagram showing how to assign different tones to individual transmitters for distinct notifications (e.g., front door vs. back door).

Memory Function

The receiver is equipped with a memory function. It will remember your last selected melody and volume level even after a power outage, eliminating the need to reset your preferences.

MAINTENANCE

Cleaning

Wipe the doorbell units with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these can damage the surface. The transmitter has an IP55 dustproof and waterproof rating, meaning it is protected against dust ingress and low-pressure water jets from any direction. However, it is not designed for submersion.

Battery Replacement (Transmitter)

The transmitter uses a CR2 lithium battery, which typically lasts up to 3 years. When the transmitter's performance degrades or the LED indicator no longer flashes upon pressing, it's time to replace the battery.

1. Open the transmitter casing using the provided screwdriver.
2. Carefully remove the old CR2 battery.
3. Insert a new CR2 battery, ensuring correct polarity (+/-).
4. Close the transmitter casing securely.



Image: The transmitter unit, highlighting its IP55 waterproof rating, operating temperature range, and 3-year battery lifespan.

TROUBLESHOOTING

If you encounter issues with your AVANTEK CW-21 doorbell, refer to the following common solutions:

Problem	Possible Cause	Solution
Receiver does not sound when transmitter is pressed.	<ul style="list-style-type: none">• Receiver is unplugged or power outage.• Transmitter battery is low or dead.• Transmitter and receiver are out of range.• Transmitter and receiver are not paired.	<ul style="list-style-type: none">• Ensure receiver is plugged into a working outlet.• Replace the transmitter battery.• Move receiver closer to the transmitter or remove obstructions.• Re-pair the transmitter and receiver (see "Customizing Transmitters" section).
Short wireless range.	<ul style="list-style-type: none">• Thick walls or metal structures obstructing signal.• Interference from other wireless devices.	<ul style="list-style-type: none">• Relocate receiver or transmitter to minimize obstructions.• Ensure receiver is not near large metal objects or other strong signal sources.
Melody or volume settings reset.	Not applicable, as the unit has a memory function. If this occurs, contact support.	Contact AVANTEK customer support for assistance.

SPECIFICATIONS

Key technical specifications for the AVANTEK CW-21 Wireless Doorbell:

- **Model:** CW-21
- **Wireless Range:** Up to 1000 ft (300 m) in open areas
- **Melodies:** 52 selectable chimes
- **Volume Levels:** 5 adjustable levels (max 115 dB)
- **Transmitter Power:** 3V CR2 Lithium Manganese Dioxide battery
- **Transmitter Lifespan:** Up to 3 years (battery dependent)
- **IP Rating (Transmitter):** IP55 (Dustproof and Waterproof)
- **Operating Temperature:** -4 °F to 140 °F (-20 °C to 60 °C)
- **Receiver Dimensions:** Approximately 3.15 in (H) x 2.87 in (W) x 0.6 in (D)
- **Transmitter Dimensions:** Approximately 3 in (H) x 1.57 in (W) x 0.6 in (D)



1000 ft/300 m



1000 ft (300 m)
Wireless Range

Never miss a visit or delivery.

Image: The AVANTEK CW-21 doorbell system illustrating its 1000 ft (300 m) wireless range capability.

Compact Size

Receiver won't block other sockets.

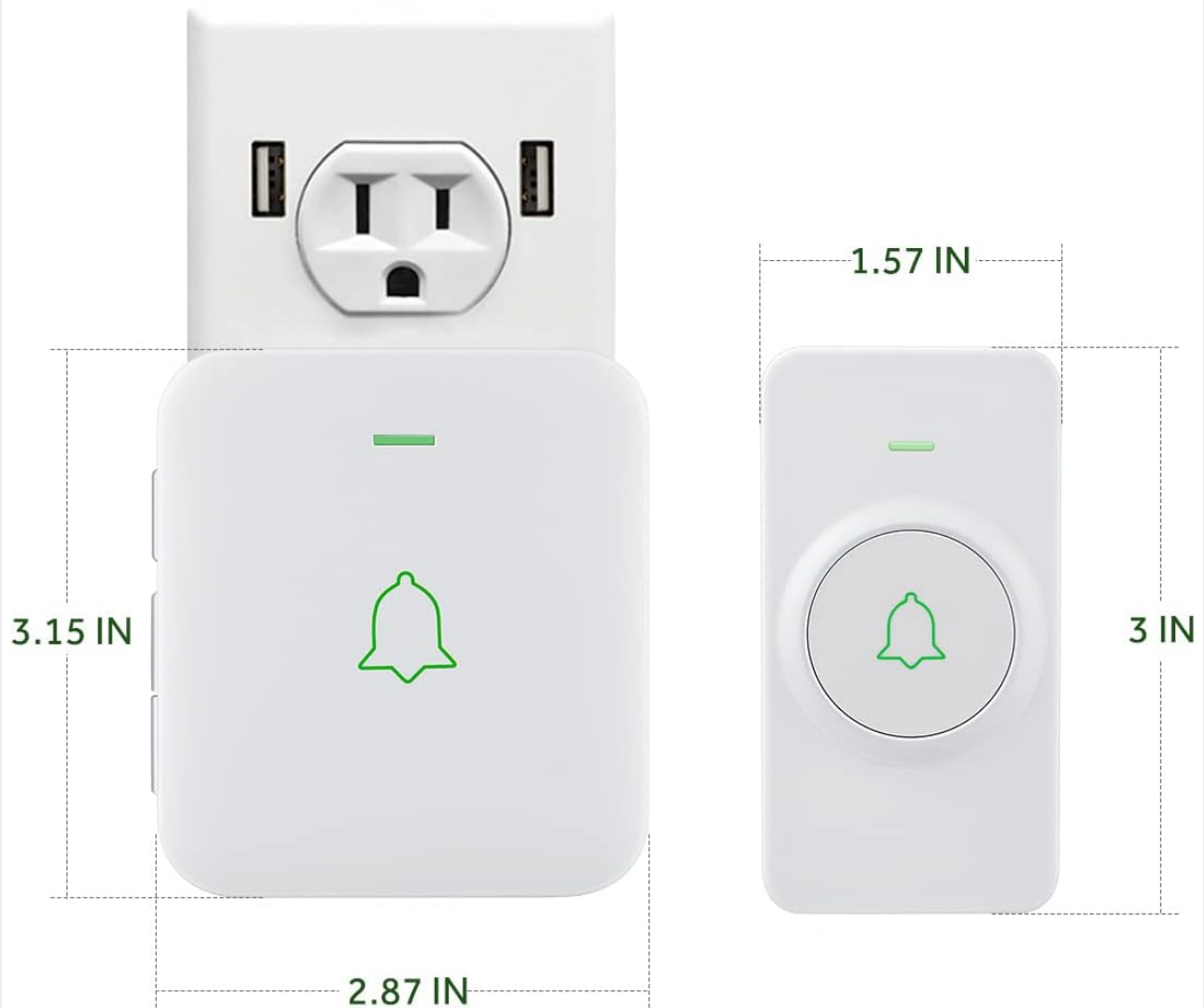



Image: Dimensions of the compact receiver and transmitter units, showing they do not obstruct adjacent outlets.

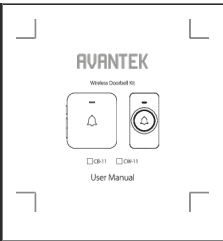
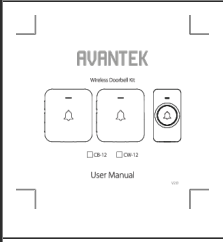
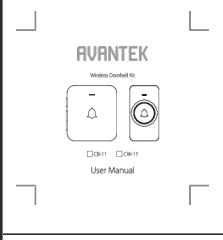
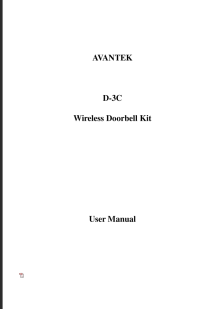

WARRANTY AND SUPPORT

AVANTEK products are designed for reliability and performance. For any questions, technical support, or warranty inquiries, please contact AVANTEK customer service. Refer to the contact information provided on the product packaging or the official AVANTEK website.

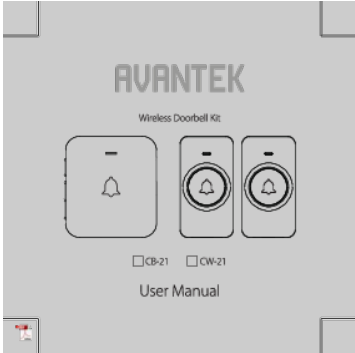
Please retain your proof of purchase for warranty claims.

Related Documents - CW-21

	<p>AVANTEK Wireless Doorbell Kit User Manual</p> <p>User manual for the AVANTEK Wireless Doorbell Kit, featuring setup instructions, features, technical specifications, and troubleshooting for models CB-21 and CW-21.</p>
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	<p>AVANTEK Wireless Doorbell Kit User Manual</p> <p>User manual for the AVANTEK Wireless Doorbell Kit, covering features, installation, operating instructions, and troubleshooting for models CB-11 and CW-11.</p>
	<p>AVANTEK Wireless Doorbell Kit User Manual - CB-12, CW-12</p> <p>Comprehensive user manual for the AVANTEK Wireless Doorbell Kit (models CB-12, CW-12), covering features, installation, operation, and troubleshooting. Includes technical specifications and setup guides.</p>
	<p>AVANTEK Wireless Doorbell Kit User Manual</p> <p>Comprehensive user manual for the AVANTEK Wireless Doorbell Kit, covering features, installation, operation, and troubleshooting for models CB-11 and CW-11. Includes technical specifications and important notices.</p>
	<p>AVANTEK D-3C Wireless Doorbell Kit User Manual - Setup, Features, and Troubleshooting</p> <p>Comprehensive user manual for the AVANTEK D-3C Wireless Doorbell Kit. Learn about its features, technical specifications, installation, operation, troubleshooting, and FCC compliance.</p>
	<p>Avantek Wireless Doorbell Kit User Manual</p> <p>User manual for the Avantek Wireless Doorbell Kit, model D-3F and D-3G. This guide provides instructions on setup, operation, features, and troubleshooting for the wireless doorbell system.</p>

Documents - AVANTEK – CW-21

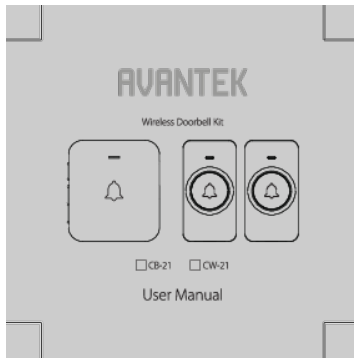


[\[pdf\]](#) User Manual

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[AVANTEK Wireless Doorbell Kit User Manual](#)

User manual for the AVANTEK Wireless Doorbell Kit, featuring setup instructions, features, technical specifications, and troubleshooting for models CB-21 and CW-21.
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[\[pdf\] Test Report](#)

kevin liang 25021716136RFC 1 Report X Sense Innovations Co Ltd DCP Round Portable BT Speaker with Loop 2AU4DDCP dcp

Page 1 of 24 Report No.: 25021716136RFC-1 TEST REPORT Product Name: Trade Mark: Model No.: HVIN: Add. Model No.: Report Number: Test Standards: FCC ID: IC: Test Result: Date of Issue: Wireless Doorbell AVANTEK CB-21, WA-11 XJ-DB-C3-Send-V1.0 **CW-21**, CB-12, CW-12, CR-1, CR-2, CB-11, CW-11, BA-11, ...
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