

AVANTEK CW-11 / SB-122

AVANTEK CW-11 Wireless Doorbell Instruction Manual

Model: CW-11 / SB-122

1. INTRODUCTION

Thank you for choosing the AVANTEK CW-11 Wireless Doorbell. This manual provides detailed instructions for the installation, operation, and maintenance of your new doorbell system. Please read this manual thoroughly before use and retain it for future reference.

2. PACKAGE CONTENTS

Verify that all components are present in the package:

- 1 x Plug-in Receiver
- 1 x Transmitter (Push Button)
- 2 x Screws
- 2 x Wall Anchors
- 1 x Small Key (for battery compartment)
- 1 x Double-sided Adhesive Tape
- 1 x User Manual

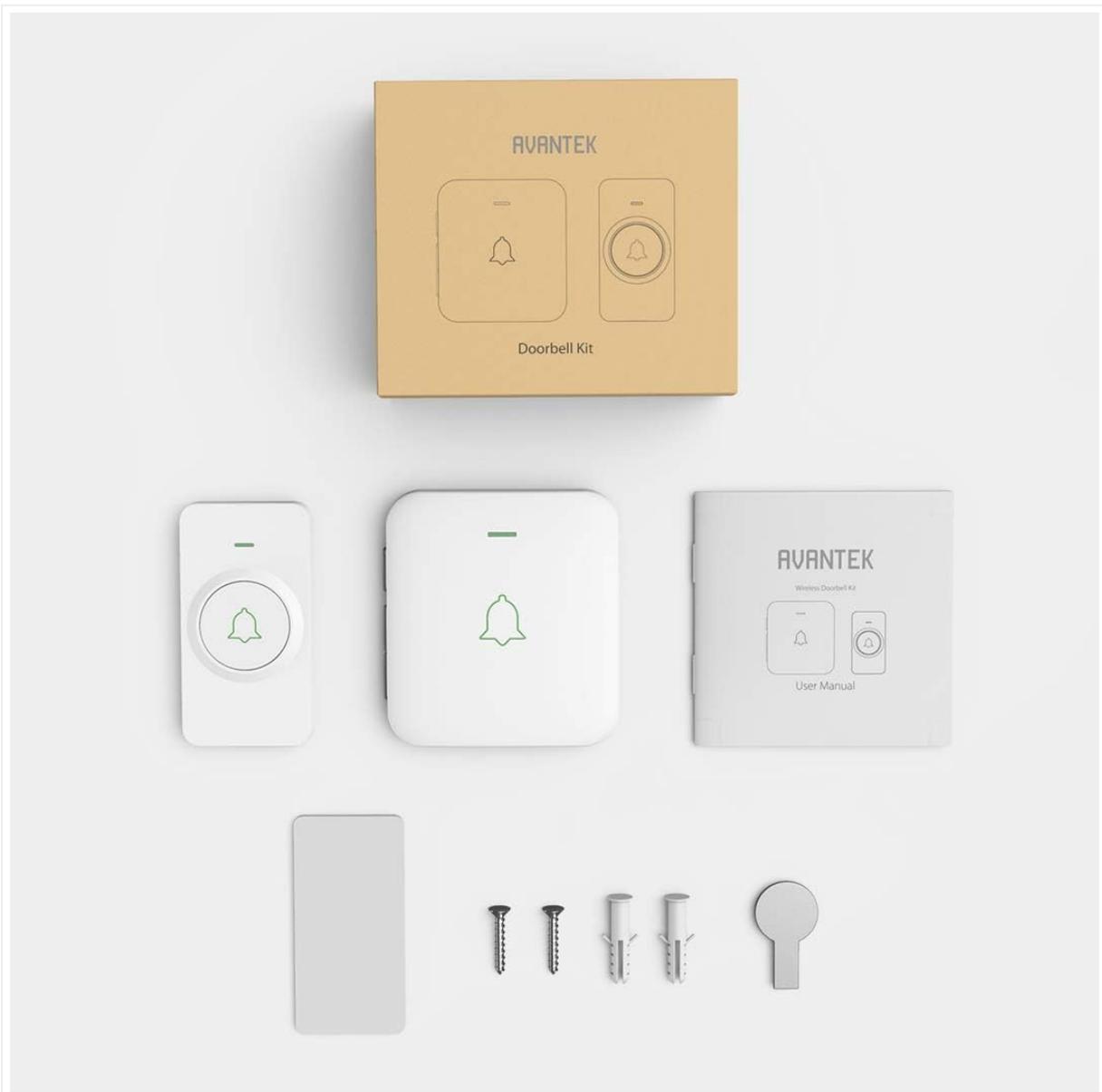


Image: Contents of the AVANTEK Doorbell Kit, showing the receiver, transmitter, screws, anchors, key, and adhesive tape.

3. PRODUCT OVERVIEW

Receiver

- Plug-in design for easy power.
- LED indicator for visual alerts.
- Volume control buttons.
- Melody selection buttons.
- Compact design (approx. 8 cm height, 7.3 cm width) that does not obstruct adjacent power outlets.

COMPACT DESIGN

Occupies only a single socket without obscuring adjacent sockets or switches.

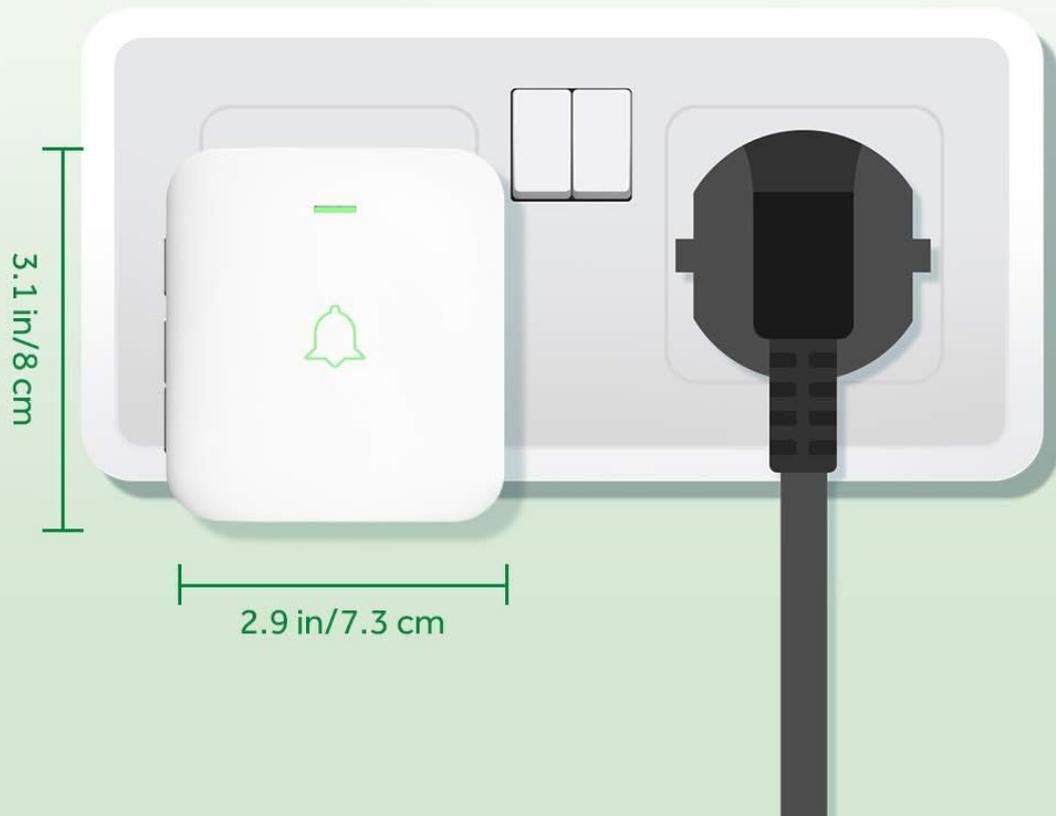


Image: The compact receiver plugged into a wall outlet, illustrating its small size (8 cm height, 7.3 cm width) and how it leaves adjacent sockets free.

Transmitter

- Push button with LED indicator.
- Powered by a CR2032 lithium battery (included), offering up to 3 years of lifespan.
- IP55 dustproof and waterproof rating, suitable for outdoor use in temperatures from -20°C to +60°C.



Image: The doorbell transmitter highlighting its IP55 dustproof and waterproof features, with illustrations of its resilience in both cold (-20°C) and hot (60°C) weather, and a 3-year maximum battery lifespan.

4. SETUP

4.1 Transmitter Installation

The transmitter can be installed using either the provided screws and anchors or the double-sided adhesive tape.

1. **Adhesive Tape Method:** Clean the desired mounting surface thoroughly. 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 and firmly press the transmitter onto the wall for at least 30 seconds.
2. **Screw-in Method:** Mark the desired mounting location. Drill two holes at the marked spots. Insert the wall anchors into the holes. Align the transmitter's mounting holes with the anchors and secure it with the screws.

4.2 Receiver Setup

Simply plug the receiver into any standard indoor power outlet. The receiver's LED will flash, indicating it is powered on and ready for pairing.

4.3 Pairing the Transmitter and Receiver

The doorbell system is pre-paired at the factory. If re-pairing is needed or if you are adding additional

transmitters/receivers:

1. Plug in the receiver.
2. Press and hold the volume button on the receiver for 3 seconds until its LED starts flashing. This indicates pairing mode.
3. Within 5 seconds, press the transmitter button. The receiver's LED will flash, and it will play its current melody once, indicating successful pairing.
4. If pairing fails, repeat the steps.



Video: This video demonstrates how to pair the AVANTEK wireless doorbell system components, including activating the receiver and transmitter for pairing.

5. OPERATION

5.1 Changing Melodies

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

- Press the 'Next' or 'Previous' button on the side of the receiver to cycle through the available melodies.
- The receiver will play each melody as you select it.
- The memory function ensures your last selected melody is retained even after a power outage.

52 CHIMES AND TUNES

Music to your ears



52 CHIMES AND TUNES

Canon
Swan Lake
Ding-Dong
The Nutcracker
Ode to Joy
Serenade in G major-Bark
...



52 Chimes
and Tunes



5 Volume
Levels



LED
Indicator

Image: The doorbell receiver displaying its features: 52 chimes and tunes, 5 volume levels, and an LED indicator. Examples of melodies like 'Canon' and 'Ding-Dong' are shown.

5.2 Adjusting Volume

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

- Press the 'Volume' button on the side of the receiver repeatedly to cycle through the 5 volume levels.
- The receiver will play a sound at each level to indicate the current volume.
- The memory function retains your last selected volume level.

5.3 Silent Mode (LED Notification)

For situations requiring silence, such as during sleep or meetings, the receiver can be set to silent mode, where it only provides a visual LED notification.

- Cycle through the volume levels until the mute icon is displayed or the sound is off. The LED will still flash when the doorbell is pressed.

SILENT LED NOTIFICATION MODE



Mute Mode



5 Adjustable Volume Levels
(0-115 dB)



0 dB
Sleep



70-80 dB
School Lessons



80-90 dB
Party



90-100 dB
Road Traffic



100-115 dB
Rock Concert

Image: The doorbell receiver illustrating its silent LED notification mode and the range of 5 adjustable volume levels (0-115 dB), with examples of typical sound environments.

Video: This video demonstrates how to adjust the volume and activate the silent mode on the AVANTEK wireless doorbell receiver.

6. MAINTENANCE

6.1 Battery Replacement (Transmitter)

The transmitter uses a CR2032 lithium battery with an average lifespan of 3 years. When the transmitter's LED no longer lights up or the range decreases significantly, it's time to replace the battery.

1. Use the small key (or a small flat-head screwdriver) to open the battery compartment on the side of the transmitter.
2. Carefully remove the old CR2032 battery.
3. Insert a new CR2032 battery with the positive (+) side facing up.
4. Close the battery compartment securely.

6.2 Cleaning

Wipe the doorbell units with a soft, dry cloth. Do not use abrasive cleaners or solvents, as they may damage the

surface.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Doorbell does not ring.	Receiver not plugged in or powered off. Transmitter battery is dead. Units are not paired.	Ensure receiver is plugged in and powered. Replace transmitter battery. Re-pair the units (see Section 4.3).
Short wireless range.	Obstructions (thick walls, metal structures). Interference from other devices. Low transmitter battery.	Relocate receiver or transmitter to minimize obstructions. Replace transmitter battery.
Receiver LED flashes but no sound.	Receiver is in silent (mute) mode. Volume is set to minimum.	Adjust the volume level (see Section 5.2).
Cannot change melody.	Buttons not pressed correctly.	Ensure you are pressing the 'Next' or 'Previous' melody buttons firmly.

8. SPECIFICATIONS

- **Model:** CW-11 / SB-122
- **Brand:** AVANTEK
- **Wireless Range:** Up to 300 meters (1000 feet) in open air
- **Melodies:** 52 selectable chimes
- **Volume Levels:** 5 adjustable levels (0-115 dB)
- **Transmitter Battery:** 1 x CR2032 Lithium (included)
- **Transmitter Battery Life:** Up to 3 years
- **Receiver Power:** AC 100-240V (Plug-in)
- **Operating Temperature:** -20°C to +60°C (-4°F to +140°F)
- **Waterproof Rating:** IP55 (Transmitter)
- **Certifications:** CE, FCC, RoHS
- **Dimensions (Receiver):** Approximately 11.4 x 9.5 x 6.9 cm
- **Weight:** 159 grams (total package)
- **Installation Method:** Self-adhesive or Screw-in



Image: Diagram illustrating the 300-meter (1000 ft) wireless range of the AVANTEK doorbell system within a multi-story home environment.



Video: This video provides an overview of the AVANTEK Mini Doorbell Kit, demonstrating its features like instant pairing of multiple receivers, silent mode, and IP55 weather resistance.

9. WARRANTY AND SUPPORT

AVANTEK products come with a standard manufacturer's warranty. For specific warranty details, technical support, or any inquiries, please refer to the contact information provided on the product packaging or visit the official AVANTEK website. Please note that compatibility for products purchased before 2021 may vary; contact customer support for verification.