

AVANTEK BA-11

AVANTEK Wireless Door Bell BA-11 User Manual

Model: BA-11

1. PRODUCT OVERVIEW

The AVANTEK Wireless Door Bell BA-11 is a versatile and easy-to-install doorbell system designed for convenience and reliability. It features a battery-powered receiver, eliminating the need for an electrical outlet, and a high-performance, waterproof transmitter. With an ultra-long wireless range, a wide selection of melodies, and adjustable volume levels, this doorbell ensures you are always aware of visitors.



Image: The AVANTEK Wireless Door Bell kit, showing the receiver, transmitter, and three AAA batteries.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Transmitter (Doorbell Button)
- 1 x Receiver (Chime Unit)
- Batteries (1 x CR2032 for transmitter, 3 x AAA for receiver)
- Adhesive tape
- Screwdriver
- Screws
- Anchors



Image: All components included in the AVANTEK Wireless Door Bell kit, neatly laid out.

3. SETUP INSTRUCTIONS

Follow these steps to set up your AVANTEK Wireless Door Bell:

1. Install Batteries:

- For the **Transmitter**: The CR2032 battery is pre-installed. Remove the plastic tab if present.

- For the **Receiver**: Insert 3 AAA batteries (included) into the battery compartment.

2. Mount the Transmitter (Doorbell Button):

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

- **Adhesive Method:** Clean the mounting surface thoroughly. Peel off the protective film from the double-sided adhesive tape and firmly press the transmitter onto the desired location.
- **Screw Method:** Use the provided mounting bracket as a template. Mark the screw holes on the wall. Drill pilot holes if necessary, insert anchors, and then screw the mounting bracket onto the wall. Hook the transmitter onto the bracket.

Installation Instruction

Screw the mounting bracket onto the wall
and then hook the receiver on.



Image: Illustration of installing the doorbell transmitter by screwing the mounting bracket to the wall and then attaching the transmitter.

3. Place the Receiver (Chime Unit):

The receiver is battery-powered and portable. Place it in a central location within your home where the chime can be easily heard. It can be placed on a flat surface or hooked onto a wall using its integrated hook.

Built-In Battery

No need to occupy the socket



Other Doorbells

Take up the socket

Image: The doorbell receiver mounted on a wall in a home setting, highlighting its built-in battery feature.

4. OPERATING INSTRUCTIONS

Using your AVANTEK Wireless Door Bell is straightforward:

- **Ring the Doorbell:** Simply press the button on the transmitter. The receiver will chime and its LED indicator will flash.
- **Changing Melodies:** The receiver has 'Next' and 'Previous' buttons on its side. Press these buttons to cycle through the 52 available melodies until you find your preferred tune. The doorbell remembers your last selected melody even after battery replacement.
- **Adjusting Volume:** The receiver also features volume control buttons. There are 5 adjustable volume levels, with a maximum setting of 120 dB, allowing you to set the sound level appropriate for your environment. The volume setting is also remembered after battery replacement.



52 Chimes and Tunes



5 Volume Levels



0-115 dB Volume Range



**Eye-Catching
LED Notification**

Image: The doorbell receiver displaying its features: 52 chimes and tunes, 5 volume levels, 0-115 dB volume range, and an eye-catching LED notification.

5. MAINTENANCE

To ensure the longevity and optimal performance of your doorbell:

- **Battery Replacement:** The transmitter uses a CR2032 lithium battery with a lifespan of up to 3 years. The

receiver uses 3 AAA batteries. Replace batteries when the chime unit's sound becomes weak or the LED indicator on the transmitter no longer lights up when pressed.

- **Cleaning:** Wipe the doorbell units with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Weather Protection:** The transmitter has an IP55 dustproof and waterproof rating, designed to withstand various harsh weather conditions. It operates effectively between -4 °F to 140 °F (-20 °C to 60 °C). While it is waterproof, avoid submerging it in water.

IP55 Dustproof and Waterproof



-4°F to 140°F
(-20°C to 60°C)

Operating Temperature

Image: The doorbell transmitter covered in water droplets, illustrating its IP55 dustproof and waterproof rating and wide operating temperature range.

6. TROUBLESHOOTING

If you encounter issues with your doorbell, consider the following:

- **No Sound from Receiver:**

- Check if the receiver batteries are correctly inserted and not depleted. Replace if necessary.
- Ensure the volume is not set to mute (0 dB). Adjust the volume level.
- Verify that the transmitter and receiver are within the effective wireless range (up to 1000 feet / 300 meters). Obstacles like thick walls or metal structures can reduce range.

- **Transmitter Button Not Responding:**

- Check the CR2032 battery in the transmitter. Replace if needed.
- Ensure the transmitter is securely mounted and not damaged.

- **Interference:**

- While designed to minimize interference, try relocating the receiver or transmitter if you experience inconsistent performance, especially near other wireless devices.



The diagram shows a two-story house with three doorbells installed: one on the roof, one on the front porch, and one on the side wall. Each doorbell has a green bell icon and a green signal wave emanating from it, indicating a wireless connection. A large green circle with a radius of 300m is centered on the house, illustrating the ultra-long wireless range. A large black doorbell is shown in the foreground, also with a green bell icon and a green signal wave.

300_m

Ultra-long Wireless Range

Stable and interference resistant signal ensures a reliable connection.



Other Doorbells

Only 150-200 m wireless range

Image: A diagram illustrating the 300-meter (1000 feet) ultra-long wireless range of the doorbell system, ensuring stable signal throughout a home.

7. SPECIFICATIONS

Feature	Detail
Model Number	BA-11
Power Source	Battery Powered

Transmitter Battery	1 x CR2032 (included)
Receiver Battery	3 x AAA (included)
Average Battery Life	3 years (Transmitter)
Wireless Range	Up to 1000 feet (300 meters)
Melodies	52 selectable chimes
Volume Levels	5 adjustable levels
Sound Level	Max 120 dB
Waterproof Rating	IP55 (Transmitter)
Operating Temperature	-4 °F to 140 °F (-20 °C to 60 °C)
Material	ABS
Color	Black
Product Dimensions (Receiver)	1.2" x 1.1" x 0.4" (approx.)
Product Dimensions (Transmitter)	1.2" x 0.6" x 0.2" (approx.)





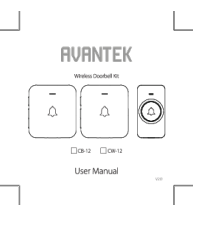

Image: Detailed dimensions of the doorbell receiver and transmitter in centimeters.

8. WARRANTY AND SUPPORT


For detailed warranty information and customer support, please refer to the official AVANTEK website or the user manual PDF provided with your product. You can also find the user manual PDF at: [AVANTEK BA-11 User Manual PDF](#).

© 2024 AVANTEK. All rights reserved.

Related Documents

	<p>AVANTEK Doorbell Kit User Manual - Installation and Operation Guide</p> <p>Comprehensive user manual for the AVANTEK Wireless Doorbell Kit. Learn about installation, features, operation, and troubleshooting for this battery-operated, IP55 rated doorbell with 52 melodies and 300m range.</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 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>User manual for the AVANTEK Wireless Doorbell Kit, covering features, installation, operating instructions, and troubleshooting for models CB-11 and CW-11.</p>

Documents - AVANTEK – BA-11

	<p>[pdf] User Manual</p> <p>AVANTEK BA 11 WA USER MANUAL User Manual Wireless Door Bell Waterproof Battery Operated Doorbell Chime Operating at 1000 Feet Portable kit with 52 Melodies 5 Volume Levels and CD Quality Sound C1PoqeDzjHL m media amazon images I </p> <p>...</p> <p>lang: score:18 filesize: 5.61 M page_count: 11 document date: 2023-03-30</p>
---	--



[\[pdf\]](#) 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**, ...
lang:en score:9 filesize: 1.43 M page_count: 24 document date: 2025-03-07