

AVANTEK

Wireless Doorbell Kit

User Manual

Congratulations on your purchase of our product. To ensure proper use and trouble-free operation, please carefully read this user manual first.

Introduction

This wireless doorbell kit includes one CR2032 lithium battery operated transmitter and two plug-in receivers. It features 52 classic melodies with an adjustable volume control to meet your needs. This wireless doorbell kit is a great addition to any home as it is easy to set up and operate.

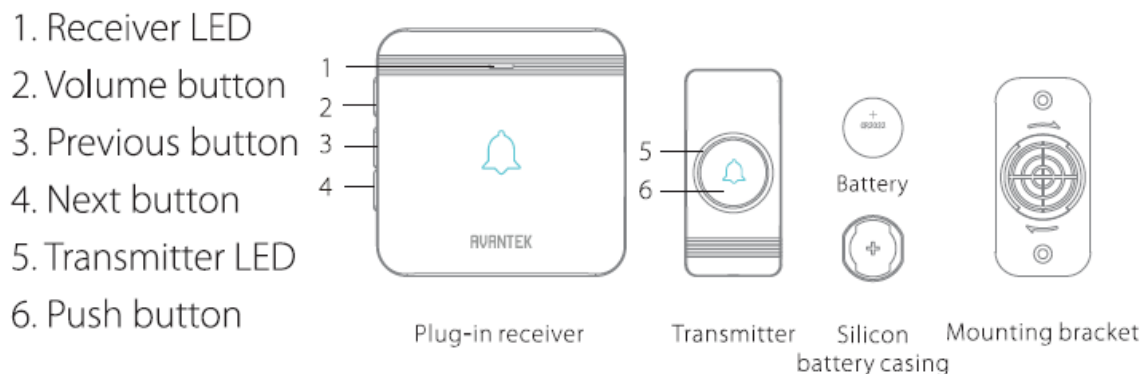
Package Contents

- 1 × Transmitter (battery included)
- 2 × Plug-in receiver
- 1 × Mounting bracket
- 1 × Adhesive tape
- 2 × Screw
- 2 × Anchor plug
- 1 × User manual

Technical Specifications

Receiver working voltage	AC 110-260 V
Sound pressure level	≤ 115 dB
Receiver AC power consumption	< 0.25 W (standby mode)
Working frequency	433.92 MHz
Transmitter battery type	3 V CR2032 lithium battery
Operating temperature	-4-140 °F (20-60 °C)
Battery lifetime	up to 3 years
Transmission range	1,300 ft (400 m)

Products Profile



Features

1. Extreme low power consumption and a 3-year battery life (10-15 uses a day).
2. Easy to set up with simple to push buttons.
3. 52 optional melodies; easy to choose between the next and previous melodies; built-in 1.6 in (40 mm) stereo speaker delivers rich and crisp sound.
4. Uses a power chip from American Power Integrations, offering a reliable maximum of 250 mA current.
5. Provides a massive 1,300 ft (400 m) wireless range (may vary depending on the operating environment).
6. Custom encoded software communication method ensures better privacy and no interference from other devices.
7. The transmitter is IP55 dust-proof and water-resistant, suitable for various outdoor environments.
8. Memory function adds convenience. Every time you turn on the device after a power outage, it will still maintain your last set melody and volume level.

Activating

The CR2032 battery is pre-installed in the transmitter. Simply pull off the insulating film behind the battery to power on the transmitter.

Transmitter Installation

The transmitter can be mounted using the included adhesive tape or the anchor plugs and screws.

Using the adhesive tape

1. Clean the appropriate location (ideally on a flat and smooth surface) with a damp cloth and let dry.
2. Apply the double-sided adhesive tape to the back of the mounting bracket, stick the bracket on the wall, and firmly press for 30 seconds.
3. Align the transmitter with the bracket and rotate the transmitter clockwise to fasten tightly.

Using anchor plugs and screws

1. Draw 2 marks according to the mounting slots on the mounting bracket.
2. Drill holes at the 2 marks and screw the bracket to the wall with the included anchor plugs and screws.

3. Align the transmitter with the bracket and rotate the transmitter clockwise to fasten tightly.

Notes

1. For optimal transmission, keep as few obstacles between the transmitter and receiver as possible.
2. To prevent signal interference, avoid installing the transmitter on or near any metal or magnetic objects, such as iron doors.
3. Avoid installing the receiver near appliances with strong electromagnetic radiation, such as TVs, induction cookers, microwave ovens, etc.
4. It is recommended to plug the receiver into a power socket that is in a relatively high location. Avoid using a power socket with other appliances to reduce interference.
5. Install the transmitter in a sheltered location. While the transmitter is IP55 water-resistant, it is not recommended to expose the transmitter to direct rain or to submerge directly in water. In case of ingress of water, take out the battery as quickly as possible and completely dry out the battery compartment before powering on.

Operating Instructions

Pairing method

1. Plug a receiver into the power socket.
2. Press and hold the Volume button on the receiver for 3 seconds to enter the pairing mode. The indicator will blink.
3. Press the Push button on the transmitter and the receiver will chime “ding dong” to indicate the pairing is complete.

Notes

1. Press any button on the receiver or wait for 60 seconds to exit the pairing mode.
2. The receiver LED has a two-color indicators with blue and red lights. The blue indicator is the default light, and will illuminate during the first pairing. The red indicator will illuminate during the second pairing. The two-color indicator will alternate with the pairings.

Melody selection

There are 52 melodies for the doorbell kit. Press the Next button for the next melody and the Previous button for the last one. You can easily choose your favorite chime tone.

Volume adjustment

There are 5 volume levels in total and the minimum volume level is silent. Press the Volume button to select a lower volume level. When the volume reaches its minimum, press the button again and it will turn to the maximum volume.

Maintenance and Care

Battery Replacement

1. Rotate the transmitter counterclockwise.
2. Pull out the old battery and remove it from the silicon battery casing.

3. Place the new cell battery in the silicon casing, matching the polarity (+) inside the battery compartment.
4. Reinstall the transmitter.

Notes

1. Be sure to keep the correct polarity (+) when replacing the cell battery.
2. Make sure the battery is placed in the silicon casing before installing it into the battery compartment.

Troubleshooting

Problem	Cause	Solution
The indicator on the transmitter does not light up.	The battery insulating film has not been peeled off.	Peel off the insulating film.
	The battery is not properly installed.	Take out the battery and install it again. Make sure the contacts are good.
	The battery power is low.	Replace with a new battery.
The receiver does not respond to the transmitter.	Unsuccessful pairing.	Pair the transmitter and receiver again.

FCC Caution

§ 15.19 Labelling requirements. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

§ 15.21 Information to user.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

§ 15.105 Information to the user.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

* RF warning for Portable device:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Disposal

This product must not be disposed of as household waste. Dispose of the device at an authorized collection point for the recycling of electrical appliances.

