Wireless Chime

USER MANUAL

W

WASSERSTEIN

made for
Google Nest

Overview

The Wasserstein Wireless Chime gives you a custom wireless alert system for your Google Nest Doorbell (battery) and Google Nest Doorbell (wired), and features seven pre-loaded tunes and four LED colors to choose from.

In the Box

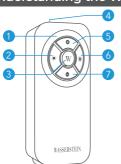|		
1 x wireless chime	1 x wired transmitter	1 x USB power adapter with 4 universal plugs
1 x back cover pin	1 x spade connector cable (3.3 ft)	1 x wire connector
1 x tinned cable (0.3 ft)	2 x 3*20 mm screws	

Safety Information

Read carefully before installing:

- Always wear suitable protective gear (e.g., safety goggles) when making home installations.

- Before drilling holes in walls, check for hidden electrical cables and water pipes.

- Shut off the power to the doorbell transformer before you attempt to connect or remove it. Locate and shut off the circuit breaker switch of your home's main electricity supply.

- Before touching any wires, use a voltage sensor to check that the power is actually off – the sensor will alert you if the wires still have a live current.

Understanding the Wireless Chime

1. halo LED/notification
2. LED brightness down
3. chime sound selector
4. ambient light sensor
5. volume up
6. LED brightness up
7. volume down

Understanding the Wired Transmitter

1. wired transmitter
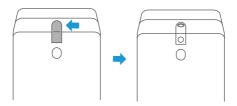2. spade connector wire
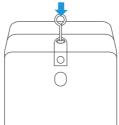3. AC power adapter connector

Installation

Installing the doorbell transmitter
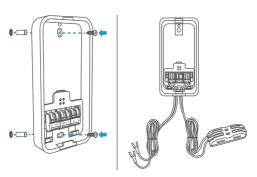Choose a location that's away from a heat or water source, and that is far from obstructions (like your opening door).

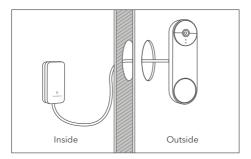1. Remove the silicone stopper from the top of the transmitter.

2. Use the provided back-cover pin to depress the notch and remove the back cover.
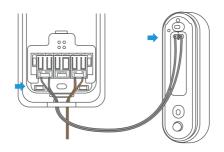

3. Screw the transmitter back cover onto the wall using 2 of the provided 3*20 mm screws, if necessary.

Note: We recommend that the transmitter be placed under a covered area or inside the house at a height of between 4.5 ft to 6.0 ft.
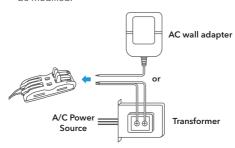

Inside | Outside

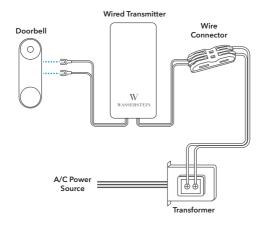4. Connect the spade connector to the back of the Nest Doorbell.

5. Connect the AC power terminal to the AC power adapter connector (there is no polarization). Please refer to the connection diagram below.

Note: The product is for use when being powered by an AC wall adapter/transformer. If the Doorbell is powered by a transformer and already has a wall chime with a Chime Connector, then a Wireless Chime should not be used or connection needs to be modified.

AC wall adapter

or

A/C Power Source

Transformer

Doorbell

Wired Transmitter

Wire Connector

W
WASSERSTEIN

A/C Power Source

Transformer

Note: The transmitter is powered by a 16-24 VAC AC adapter, the AC adapter must meet the safety standard requirements of IEC 62368-1, and the output power must meet the LPS2 level. Please see page 9 for wire stripping instructions if the adapter comes with spade connectors.

6. Follow the instructions on the Google Home app to set up the chime type for your Nest Doorbell (battery) or Nest Doorbell (wired).

Google Nest Doorbell Setup

1. Make sure the Google Nest Doorbell is connected to your WiFi network.

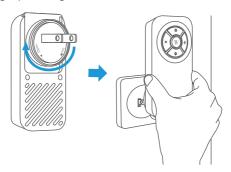2. Go to "**Settings**" by tapping the gear symbol on the top right.

3. Go to "**Doorbell**".

4. Make sure "**Ring indoor chime**" is "**On**".

5. Press the doorbell and the indoor chime will ring.

   Note: The Google Nest Doorbell may take up to a minute to update settings.

6. Confirm the transmitter and receiver are paired.
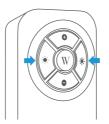
Installing the Wireless Chime

Rotate the plug clockwise until you hear a click to lock the plug in place. Plug the chime into an AC outlet.

Setup and Operation

Transmitter and receiver pairing
1. Press and hold both of the brightness adjustment buttons for 3 seconds until the LED starts blinking.
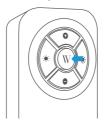
2. Press the doorbell button.

3. The Wireless Chime will be paired with the Wireless Transmitter.

Changing the chime sounds
Press the center button (Wasserstein logo) to change the doorbell chime sound (7 optional sounds).
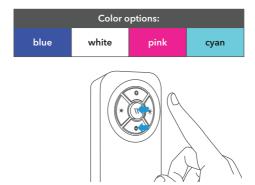
Adjusting the volume

• Press the +/- button to adjust your desired volume level (6 options).

• To mute the chime, press the - button until there is no chime sound.

Changing the halo LED color

Press and hold both the center and volume down buttons to change the halo LED color.

Color options:			
blue	white	pink	cyan

Halo LED brightness adjustment
- The halo LED will automatically turn on when the ambient light goes down.

- Press the ⊙ button to adjust the brightness to your preferred level (7 levels to choose from).

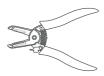- To turn off the halo LED, press the ⊙ button until the halo LED is off.

Additional chimes
- You can connect up to 5 wireless chimes with a single transmitter. Simply plug in the additional wireless chime to the wall outlet and follow the pairing instructions.

- Each chime can be set with its own tune and LED color.

How to Strip a Wire Using a Wire Stripping Tool

CAUTION: Always wear protective gear and use proper tools and techniques to avoid injury.

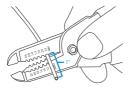1. Get a wire stripping tool labelled for your type of wire.

2. Find the notch that matches your wire's gauge.

3. Place the tip of the wire in the appropriate notch.

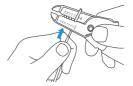4. Gently squeeze the stripping tool's handles.

5. Spin the tool around the wire to ensure that you have cut the insulation.

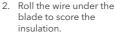6. Slide the stripper off the wire to pull off the insulation.

How to Strip a Wire Using a Utility Knife

Note: Use protective gear when using a utility knife.

1. Hold the utility knife so it gently rests on the wire.

2. Roll the wire under the blade to score the insulation.

3. Bend the wire at the scored line and gently peel off the insulation.
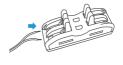

AC Adapter Connector

CAUTION: Always wear protective gear and use proper tools and techniques to avoid injury.

1. Open up the notches on the connector.

2. Insert the tinned cable into one side. (There is no polarity)

3. Close the notches on the connector and make sure the cable is tightly clamped.
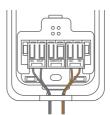

4. Insert the AC power adapter cable to the other end and repeat step 3.

Power Safety Information

1. 2 x AAA batteries (not applicable)

2. 6-24 V AC power adapter connected to AC IN terminal.

Battery Warning

CAUTION: Risk of fire or explosion if the battery is replaced with an incorrect type.

WARNING:
- Replacement of a battery with an incorrect type may cause an error or damage to the device.
- Disposal of a battery into a fire or a hot oven, or mechanically crushing or cutting, may result in an explosion.
- Leaving a battery in a high-temparature environment, such as in sunshine, fire, or hot surface may result in an explosion or the leakage of flammable liquid or gas.
- A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

FCC Caution

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

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

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:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment to an outlet on a circuit that is different from where the receiver is connected.
4. Consult your dealer or an experienced technician for help.

RF Warning for Mobile Device

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 7.87 inches between the device and your body.

IC Caution

RSS-Gen Issue 5 April 2018 & CNR-Gen 5e édition Avril 2018:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur / récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compronettre le fonctionnement.

Avertissement RF Pour Appareil Mobile

Cet équipement est conforme aux limites d'exposition au rayonnement IC Partez pour un environnement incontrôlé. Cet équipement Devrait être installé et exploité avec une distance minimale 7.8. pouces (20cm) entre le radiateur et votre corps.

Specifications

Wired transmitter

Dimensions:	3.15 x 1.57 x 0.85 in
Weight:	1.5 oz
Material:	ABS plastic
Power adapter:	16 - 24VAC, Class 2 transformer
RF frequency:	433 MHz
Wireless range:	650 ft
Operating temperature:	32 °F to 104 °F
Maximum pairing devices:	5 wireless chimes

Wireless chime

Dimensions:	5.08 x 2.36 x 1.39 in
Weight:	5.0 oz
Material:	ABS plastic
Power supply:	USB power adapter
Power input:	100-240 VAC 50-60 Hz
Power output:	5 V ⎓ 1 A
RF frequency:	433 MHz
Wireless range:	650 ft
Operating temperature:	32° F to 104° F
Chime sounds:	7 tunes
Chime volume levels:	6 levels
Sound level:	mute to 110 dB
LED night light brightness:	7 levels
LED colors:	white / blue / pink / cyan
Operating ambient temperature:	32° F to 104° F
Storage & transportation ambient temperature:	-4° F to 140° F
Recommended altitude:	Not higher than 5000 m

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Google's compatibility standards. Google is not responsible
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