

WIRELESS

INTERCOM DOORBELL

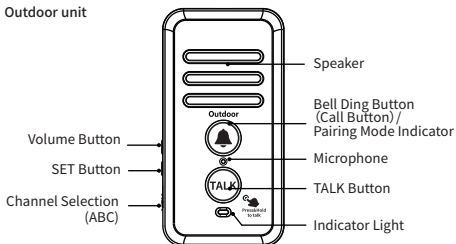


T1920 User Manual

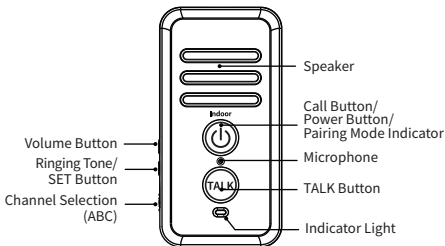
Please read the manual carefully before you use the product and keep it well for future reference.

● Button Description

Outdoor unit

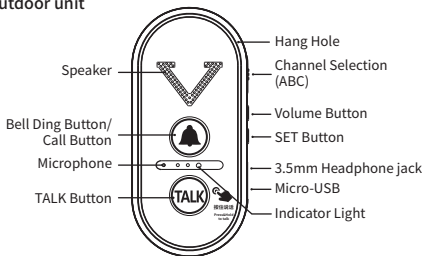


Indoor unit

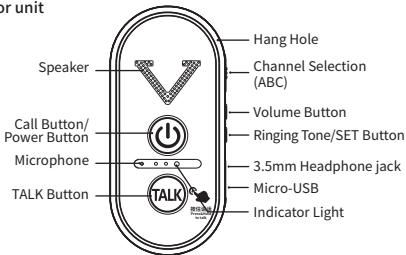


● Button Description

Outdoor unit



Indoor unit



Installation Instructions

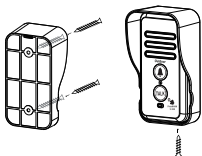
● Outdoor unit installation

When shipped, both the indoor unit and outdoor unit have a battery charge between 20%-30%. Please charge them fully before using.

The outdoor unit should be installed next to the door on the wall. It can be secured using the provided strong double-sided tape for its rain cover. Once the outdoor unit is inside the rain cover, secure it using the small screws at the bottom to prevent theft. Alternatively, you can drill holes and secure the rain cover using screws. Choose the installation method based on your preference.

⚠ Tips:

Metal objects can interfere with the signal, possibly causing communication disruptions. Try to avoid installing near metal doors or security doors.



The small screws are for securing the outdoor unit to prevent theft.

- Use the strong double-sided tape for rain cover installation without drilling.

● Indoor unit installation

The indoor unit doesn't require installation. Press and hold the **⏻ button** for ≥ 3 seconds to turn it on and start using it immediately. Always keep the indoor unit turned on. If you have multiple indoor units, place them in different rooms and use them as intercom devices.



⚠ Tip:

After using, place the indoor unit back on its charging base to keep it charged and avoid auto shut-off due to low battery.

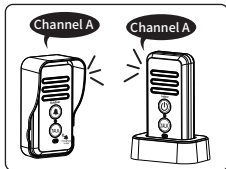
Instructions

● Using the Doorbell

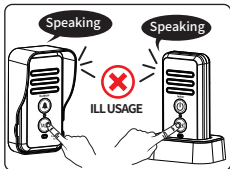
1. Press the **⬆ button** on the outdoor unit briefly, and the indoor unit will ring.
2. Hold down the **TALK button** on the outdoor unit and speak. The indoor unit will hear the speech in real time. Release the **TALK button** after speaking.
3. After hearing the other party finish speaking through the indoor unit, hold down the **TALK button** to respond.
4. The outdoor unit can respond again or end the communication after hearing the response.

Important Note:

1. The outdoor unit will automatically enter a sleep (off) state after 25 seconds of no operation, and cannot be called by the indoor unit.
2. The outdoor unit's **⬆ button** is equivalent to the power-on button. After a short press, the indoor unit can communicate with the outdoor unit.
3. Two devices cannot speak while holding down the **TALK button** simultaneously, and both parties will not be able to hear each other.
4. The communication channels of the devices must be consistent. Use the **(A/B/C) button** to select channel.
5. The devices must be paired before use, otherwise, the outdoor unit may press the **⬆ button** without the indoor unit sounding the bell, but still able to communicate. If this occurs, please pair them again.



- The channels of the two devices must be consistent.



- The two devices should not press the **TALK button** simultaneously.

INDOOR-TO-INDOOR CALLS

1. Communication between indoor units only requires the channels to be the same, without the need for pairing operations.
2. Pressing the **⏻ button** on the indoor unit can call all other indoor units on the same channel.
3. To engage in intercom conversation, simply hold down the **TALK button** on the indoor unit.
4. If you do not wish to be called, you can push **the (A/B/C) button** to switch to another channel.

Settings

● Switching On/Off

Switch on / off the indoor unit: Press and hold the **⏻ button** on indoor unit and the machine is powered on successfully when you hear a “beep”. Long press the **⏻ button** again, hear “deep ” two times to shut down.

Outdoor unit switch: The outdoor unit does not need to be started. Press the **⏻ button** to start the outdoor unit. If there is no operation or no intercom call within 25 seconds, it will automatically enter the shutdown state.

● Channel Selection

The side of the indoor and outdoor units **(ABC)** is the channel adjustment button. Both the indoor and outdoor units have **3 channels** to choose from (A/B/C). Communication between the devices can only be established when they are on the same channel.

● Ringtone Adjustment

Press the **SET button** to adjust the ringtone. Each press switches to the next ringtone. There are **20 ringtones** available for selection.(Outdoor unit no ringtone option)

● Volume Adjustment

Press the **🔊 button** to adjust the volume. Each press switches to the next volume level. There are **3 volume levels** available for adjustment.

● Low Battery Indicator

When the outdoor unit or indoor unit is in a low battery state, the **🔊 button/ 🔊 button** blinks red lamp and makes a “toot” voice every minute. In this case, charge the product in time.

● Charging

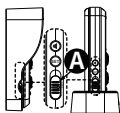
Connect the power cord to the adapter, then plug it into the charging base, and place the indoor unit or outdoor unit in the charging base. During charging, the indicator light is solid red. When fully charged, the light is solid green. The indoor unit can remain in the charging base continuously. **If the outdoor unit runs out of battery, you can swap the battery from the indoor unit for immediate use.**

Pairing

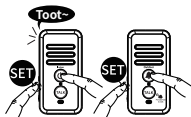
● Pairing the Doorbell

1. Set the **channel adjustment buttons (A/B/C)** on both the outdoor and indoor units to the same channel. For example, set them both to channel A.
2. Long press the **SET** and **🔊 buttons** on the indoor unit for 3 seconds in its shutdown state. You will hear a “beep” sound, indicating that the light is flashing, entering pairing mode. Hold down the **SET button** on the outdoor unit in its off state, and then press the **🔊 button** once. The light is flashing, indicating that it is in pairing mode.
3. Press the **🔊 button** on the outdoor unit briefly, listen for a “beep” sound from the indoor unit, indicating that the light has turned off, indicating that pairing has been completed.

Note: The outdoor unit will automatically enter shutdown mode after 25 seconds of no operation or communication. Once the outdoor unit enters pairing mode, please complete the pairing operation within 25 seconds.



1. Set the indoor and outdoor unit channels to A.



2. Indoor unit and outdoor unit enter pairing mode



3. Press the  button on the outdoor unit

● Multiple outdoor units can be paired

1. Set the **side channel (A/B/C)** of the new outdoor unit to be consistent with the original outdoor unit/indoor unit.
2. Hold down the **SET button** on the new outdoor unit in its off state, and then press  **button** once more. The light is flashing, indicating that it is in pairing mode.
3. Press the  **button** on the original outdoor unit briefly, listen for a "beep" sound from the new outdoor unit, indicating that the light has turned off, indicating that pairing has been completed.

To pair more outdoor units, repeat the preceding three steps. When performing the last step, press the  **button** of any outdoor unit that has been paired before.

● Multiple indoor units can be paired

1. Set the **side channel (A/B/C)** of the new indoor unit to be consistent with the original outdoor unit/indoor unit.
2. Long press the **SET** and  **buttons** on the new indoor unit in a long-term press, lasting 3 seconds. Listen for a "beep" sound, indicating that the light is flashing, indicating that it is in pairing mode.
3. Press the  **button** on the original outdoor unit briefly, listen for a "beep" sound from the new indoor unit, indicating that the light has turned off, indicating that pairing has been completed.

To pair more indoor units, repeat the preceding three steps. When performing the last step, press the  **button** of any outdoor unit that has been paired before.

Note: If the channels are consistent, the new indoor unit can communicate with the original indoor unit without pairing. However, if the new indoor unit has not been paired, it will not sound when the outdoor unit's bell is pressed.

Product Parameter

Model:T1920

Channel Frequency: 462MHz

Reception Sensitivity: -120dBm

Input: 5V==1A

Operating Voltage: 3.7V

Operating Temperature: -20°C~50°C

Volume level: 3 Steps

Ringtones Quantity: 20 Songs

Battery Type: Lithium-ion Polymer Battery

Battery Capacity: 1800mAh

Charging Method: Micro-USB (T1920 exclusive)/Dock Charging

Audio Interface: 3.5mm Audio Interface (T1920 exclusive)

Waterproof Level: IP44 (Requires installation of rain cover for rain protection)

● Packing List



(Outdoor unit · 1)



(Outdoor unit
Rain Cover · 1)



(Screw Pack · 1)



(Double-sided
Tape · 1)



(Indoor unit · 1)



(Power Cord · 1)



(Adapter · 1)



(Charging Base · 1)



Announcements

1. Due to the potential for interference from the intercom doorbell's transmission with electronic or medical devices, please refrain from using this product in the following scenarios:

- Near hospitals, around individuals with pacemakers, or close to other medical devices.
- In places with a high risk of fire or explosion such as gas stations (environments with flammable gases, dust, metal powder, etc.).
- On airplanes and in proximity to other electronic devices prone to interference.
- Any other locations with posted restrictions or warnings regarding wireless devices.

2. Please avoid the following unauthorized actions with this product, as they may lead to device malfunctions or even personal injury:

- Do not apply voltages other than specified to this product's power or charging interface.
- Do not disassemble or modify this product.
- Do not immerse this product in water.
- Do not strike or throw this device.

3. If the device exhibits any of the following unusual behaviors, immediately cease use or charging, turn off the power, and contact customer service:

- If the main unit or charger emits smoke or an odd smell during charging, immediately unplug the power cord and turn off the device to prevent overheating, combustion, fires, or even explosions.

4. Other precautions:

- Do not place the device near heaters.
- Avoid operating the device near televisions or radios (these devices may experience radio frequency interference).

Common Problems and Solutions

1. Pressing the outdoor unit button , but the indoor unit does not respond.

- Check if the indoor unit is powered on. If not, turn it on and test again.
- The battery of the outdoor unit/indoor unit might be drained; please check if both units have power.
- The channels of the outdoor unit and indoor unit are not consistent. Please check if the (A/B/C) channels of the outdoor unit and indoor unit match.
- The outdoor unit and indoor unit may not be paired. Please re-pair them.

2. Pressing the indoor unit button , but unable to call the outdoor unit.

The indoor unit cannot initiate calls to the outdoor unit. The outdoor unit must call the indoor unit first to initiate communication. Indoor units can call other indoor units. If you require this feature, consider purchasing additional indoor units.

3. Both machines have electricity, but they can't talk to each other.

- If the channel between the indoor unit is inconsistent, the channel of the two products is consistent.
- When two machines press the **TALK button** at the same time, they need to wait for the other party to finish talking and release the **TALK button**. To reply.
- If the indoor unit is not started, start the indoor unit.

4. Unable to charge.

- The power cord may not be securely connected; please check and secure the connection.
- The power cord may be damaged; consider replacing it.
- The power adapter might be faulty; consider replacing it.
- Foreign objects might be on the charging base pins. Please turn off the power, inspect, and clean any debris.
- The main unit charging contacts might be dirty; inspect and clean any debris.
- The battery connection might be loose. Open the battery compartment, disconnect, and then reconnect the battery.

5. The indoor unit or outdoor unit speaker produces a shrill noise.

If devices are too close to each other, they can cause microphone feedback. Move the devices further apart.

6. Regarding communication distance.

The communication range may decrease when devices are separated by walls or other obstructions. For optimal performance, try to avoid unnecessary barriers during use. In particular, metal barriers can significantly reduce the communication distance, so avoid placing the devices near metal doors or security doors when installing.

FCC Statement

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.

Caution: 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:

- 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 important announcement .

Radiation Exposure Statement

To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.