

## ChunHee WT11-US-4

# ChunHee Wireless Intercom System

MODEL: WT11-US-4 USER MANUAL

## 1. Introduction

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Thank you for choosing the ChunHee Wireless Intercom System. This system provides a reliable and convenient solution for two-way communication within your home, office, or during outdoor activities. Designed for ease of use, it facilitates clear communication over long distances, making it ideal for various scenarios including assisting the elderly, communicating with children, or coordinating tasks in a workspace. This manual will guide you through the setup, operation, and maintenance of your intercom system.



The ChunHee Wireless Intercom System is designed for easy communication within homes or other environments, providing a simple way to connect with family members or colleagues.

## 2. Package Contents

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Please check the package to ensure all items are present:

- ChunHee Wireless Intercom Unit(s)
- Charging Cable
- Power Plug (Adapter)
- Rechargeable Battery (pre-installed or separate)
- User Manual (this document)

## 3. Product Overview

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Familiarize yourself with the components and dimensions of your ChunHee Wireless Intercom System.

# DOUBLE PPT KEY

Light and thin for easy operation

## FORNT PPT KEY

Easy to operate with both left and right hands

### GREEN LIGHT

Receive, Power is enough

### RED LIGHT

Release, Low battery alert



## SIDE PPT KEY

Traditional key, Convenient operation

This diagram labels the key components of the intercom unit, including the antenna, flashlight, indicator light, PTT buttons, microphone, power button, volume keys, headphone jack, write frequency jack, charging jack, and speaker.

# Basic Description



The image displays the front, back, and side views of the intercom unit, along with its approximate dimensions: 10.6 cm height, 5.3 cm width, and 1.7 cm thickness.

## 4. Setup

### 4.1 Battery Installation and Charging

Your intercom unit is powered by a rechargeable battery. Before first use, ensure the battery is fully charged.

1. If the battery is not pre-installed, open the battery compartment cover on the back of the unit and insert the battery, ensuring correct polarity. Close the cover securely.
2. Connect the charging cable to the charging jack on the intercom unit and the power plug. Plug the power plug into a standard electrical outlet.
3. The indicator light will turn **red** during charging. Once fully charged, the light will turn **blue**.
4. A full charge typically takes approximately 3-4 hours.



The intercom unit is shown connected to a wall charger via its charging cable, indicating the charging process.

## 4.2 Power On/Off

To power on the unit, press and hold the Power button (usually combined with the Lighting Key, as shown in the Product Overview diagram) until you hear a tone or see the indicator light illuminate. To power off, press and hold the same button until the unit shuts down.

## 4.3 Channel Selection

Your intercom system operates on 16 available channels. For communication between units, all intercoms must be set to the same channel. Use the 'Up Key' and 'Down Key' (often labeled with arrows) to select your desired channel. The current channel number may be indicated by voice prompt or a small display if available on your model.



# Expandable Intercom System

Up to 1.5 Miles Working Range



This diagram shows how multiple intercom units can be used across different rooms in a house, such as the kitchen, living room, bedroom, wardrobe room, and work room, demonstrating the system's 1.5-mile working range and channel compatibility.

## 5. Operating Instructions

### 5.1 Push-to-Talk (PTT) Function

The intercom system features dual PTT keys for convenient operation:

- **Front PTT Key:** A large, round button on the front of the unit, designed for easy pressing with your thumb.
- **Side PTT Key:** A traditional button located on the side of the radio for alternative push-to-talk operation.

To transmit your voice, press and hold either PTT key. Speak clearly into the microphone. Release the PTT key to listen for a response. The indicator light will typically turn **red** when transmitting and **green** when receiving.



This image demonstrates the PTT button's light changing color to indicate communication status: green for receiving a signal and red for transmitting.

## 5.2 Volume Adjustment

Use the 'Up Key' and 'Down Key' (often labeled with arrows) to increase or decrease the listening volume. Adjust to a comfortable level for clear audio.

## 5.3 Monitor Function

The 'Up Key' may also function as a Monitor Key. Pressing this key can temporarily disable squelch, allowing you to listen to weak signals or monitor a channel for activity without having to transmit.

## 5.4 VOX Function

The 'Down Key' may also activate the Voice Operated Exchange (VOX) function. When VOX is enabled, the intercom will automatically transmit when it detects your voice, without needing to press the PTT button. Refer to your unit's specific voice prompts or display for VOX activation and sensitivity settings.

## 5.5 Flashlight Operation

Your intercom unit includes a built-in flashlight. Press the 'Power button + Lighting Key' (as indicated in the Product Overview diagram) to turn the flashlight on or off. This feature is useful in low-light conditions.



The intercom unit is shown with its integrated flashlight emitting light, highlighting this additional feature.

## 5.6 Indicator Light Status

The PTT button's breathing light provides visual feedback on the unit's status:

- **Green Light:** Indicates the unit is in standby mode or receiving a signal.
- **Red Light:** Indicates the unit is transmitting or the battery is low.
- **Blue Light:** Indicates the battery charging process is complete.



This image illustrates the different colors of the PTT button's breathing light: green for standby, red for charging, and blue for finished charging.

## 6. Maintenance

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### 6.1 Cleaning

To clean your intercom unit, use a soft, damp cloth. Do not use harsh chemicals, solvents, or abrasive cleaners, as these can damage the device's surface or internal components. Ensure the unit is powered off and disconnected from any power source before cleaning.

### 6.2 Battery Care

To prolong battery life:

- Avoid fully discharging the battery frequently.
- Charge the battery regularly, even if the unit is not in frequent use.
- Store the unit in a cool, dry place when not in use for extended periods.
- Do not expose the battery to extreme temperatures.

## 7. Troubleshooting

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If you encounter issues with your intercom system, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on	Low or depleted battery	Charge the battery fully. Ensure the charging cable and adapter are properly connected.
No sound or weak sound	Volume too low; Units on different channels; Out of range	Increase volume. Ensure all units are on the same channel. Move closer to the other unit.
Cannot transmit or receive	PTT button not pressed/released; Units on different channels; Out of range; Battery low	Press and hold PTT to transmit, release to receive. Verify channel settings. Reduce distance between units. Charge battery.
Short communication range	Obstructions (walls, metal structures); Environmental interference; Low battery	Move to an open area. Avoid dense obstructions. Ensure battery is fully charged.

## 8. Specifications

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Feature	Specification
Brand	ChunHee
Model Number	WT11-US-4
Power Source	Battery Powered
Connectivity Technology	Wireless
Control Method	Buttons (Touch)
Dimensions (H x W x D)	10.6 cm x 5.3 cm x 1.7 cm (approx. 4.17 x 2.09 x 0.67 inches)
Operating Range	Up to 1.5 Miles (approx. 8000 feet) in open areas
Channels	16
Battery Capacity	1000mAh
Included Components	Charging Cable, Power Plug, Battery
Certifications	FCC Certified

## 9. Warranty Information

ChunHee products are manufactured to high-quality standards. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your purchase or contact ChunHee customer support. Keep your purchase receipt as proof of purchase for warranty claims.

## 10. Support

If you have any questions, require technical assistance, or need further support regarding your ChunHee Wireless Intercom System, please contact our customer service team. Contact information can typically be found on our official website or on the product packaging.

**Online Support:** Visit the ChunHee official website for FAQs and support resources.

**Email Support:** [Insert Customer Support Email Address Here, if available]

**Phone Support:** [Insert Customer Support Phone Number Here, if available]