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Wuloo WL666-4 Stations

Wuloo WL666-4 Stations Wireless Intercom System User Manual

Model: WL666-4 Stations

1. PRODUCT OVERVIEW

The Wuloo WL666-4 Stations Wireless Intercom System provides reliable and clear communication for homes, offices, and businesses. This system features an enhanced signal with a range of up to 5280 feet, 10 channels, and 3 digital codes to ensure secure and interference-free communication.



Image 1.1: Four Wuloo WL666-4 Stations Wireless Intercom Units.

Key Features:



Super clear sound quality



Special Design for anti-interference



Multi-Channel



Good for extension system (We suggest more channel and code for you with new version WL-888 if you need more than 10 station. Find it in our store or ask our customer service for help)



Image 1.2: Key features of the Wuloo Wireless Intercom System.

- **Excellent Signal Quality:** Clear sound and a long range of up to 5280 feet.
- **Multi-Channel and Digital Codes:** 10 channels and 3 digital codes for secure and anti-interference operation.
- **User-Friendly Functions:** Includes Monitor, Talk, VOX (Voice Operated Exchange), Group, and Calling functions.
- **Power Bank Compatibility:** Can be powered by a 5V 1A power bank for portable use.
- **Wall Mountable:** Designed with a back hole for convenient wall mounting.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 4 x Wuloo Wireless Intercom Units
- 4 x Power Adapters (5V 1A)
- 4 x USB Cables (70 inch)
- 1 x User Manual

Package Include 4 Stations



! Note: Support Power Bank Supply, and can't work with the battery.

Image 2.1: Contents included in the 4-unit set package.

3. COMPONENT IDENTIFICATION

Familiarize yourself with the different parts and functions of the intercom unit:



Function Key:

01 GROUP

Keep pressing this button to talk with all the devices in this intercom system simultaneously.

02 VOX

Press VOX to talk to another station handsfree, other side can reply to you directly by pressing TALK key. (Note: The VOX function needs to be activated by proximity sound before speaking).

MONITOR

03 Pressed it and this station will be monitored, another station set same channel code can hear the voice from it. Note: monitor side (parents) can not talk with monitored side (children) unless exiting this mode.

04 CALL

CALL: Pushing CALL button, there is a beep, and then keep pressing Talk key to chat.

05 TALK

Keep pressing TALK key to talk with other station.

Image 3.1: Wuloo Intercom Unit Components and Function Keys.

- **ANT (Antenna):** For wireless signal transmission and reception.
- **Digital Code (A/B/C):** Switch to select one of three digital codes for secure communication.
- **Power Port (DC 5V):** Connect the power adapter or a compatible power bank.
- **Speaker:** For audio output.
- **Channel Number (0-9):** Buttons to select one of the ten communication channels.
- **VOL+/VOL-:** Buttons to adjust the volume level.
- **Function Keys:**
 - **GROUP:** Press this button to talk with all devices simultaneously on the same channel and code.
 - **VOX (Voice Operated Exchange):** Press VOX to talk to another station hands-free. The other side can reply to you directly by pressing TALK key. The VOX function needs to be activated by sound before speaking.
 - **MONITOR:** Press this and this station will be monitored; another station set same channel code can hear the voice from it. Note: monitored parents are not talked with monitored side (children) unless exiting this mode.
 - **CALL:** Pushing CALL button, there is a beep, and then keep pressing Talk key to chat.
 - **TALK:** Keep pressing TALK key to talk with other station.
- **MIC (Microphone):** For audio input.

- **Indicator Light:** Displays operational status.
- **Back Hole for Wall Mounting:** Allows for easy installation on a wall.

4. SETUP INSTRUCTIONS

Follow these steps to set up your Wuloo Wireless Intercom System:

1. **Power Connection:** Connect each intercom unit to a power outlet using the provided adapter and USB cable. Alternatively, you can power the units using a 5V 1A power bank for portability.



Image 4.1: Intercom unit powered by a power bank.

2. **Set Channel and Code (1st Step):**

On the back of each unit, select a Digital Code (A, B, or C) using the switch. For initial setup, it is recommended to set all units to the same code (e.g., Code A).

On the front panel, press and hold the desired Channel Number key (0-9) to set its channel. A short press on a channel key will call other intercoms on that channel. We suggest setting all stations with the same code and then clicking other channels to communicate. You do not need to set a new code every time you call a different user.

3. **Distribute Stations (2nd Step):**

After setting a different channel for each user (if desired), distribute the units. For example, Unit A on Code A, Channel 3; Unit B on Code A, Channel 5; Unit C on Code A, Channel 6. Ensure intercoms are placed at least 5 meters (approximately 16 feet) away from each other to avoid interference during setup.

4. Begin Communication (3rd Step):

Once each user has been assigned their intercom station, you can initiate calls by simply clicking the channel of the person you wish to communicate with.

How to set an intercom system

Code Settings



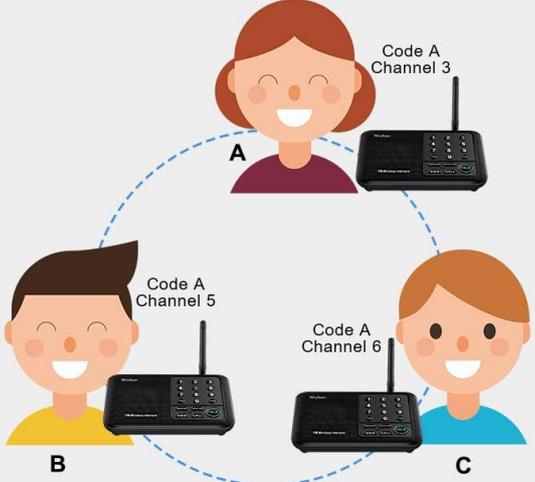
Channel Settings



1st Step:

Set the channel and code for each station

Long press channel key to set your channel. Short press channel key to call other intercom station (A minute later will automatically restore the original channel). We suggest setting all the stations with the same code, then clicking other channels to communicate. You do not need to set a new code every time you call a different user.



2nd Step:

Distribute different station for different user

After you set a different channel for each user, please mark the channel for each user you wish to call. Then, distribute to each user. (Note: please keep intercom at least 5 meters away to avoid interference while setting different stations).



3rd Step:

Use it to communication with multi-functions

After every user has been assigned their intercom station, you can now make calls by simply clicking the channel of whom you wish to call.

Image 4.2: Step-by-step guide for intercom system setup.

5. OPERATING INSTRUCTIONS

This section details how to use the various functions of your Wuloo Wireless Intercom System.

Basic Communication:

- **To Call a Specific Unit:** Press the Channel Number (0-9) corresponding to the unit you wish to call. The unit will ring. Then, press and hold the **TALK** button to speak. Release the **TALK** button to listen.
- **To Broadcast to All Units (Group Call):** Press the **GROUP** button. All units set to the same code and channel will receive your message. Press and hold **TALK** to speak.
- **Volume Adjustment:** Use the **VOL+** and **VOL-** buttons to increase or decrease the speaker volume.

Advanced Functions:

- **VOX (Voice Operated Exchange):** Press the **VOX** button to activate. In VOX mode, the intercom will automatically transmit when it detects sound, allowing for hands-free communication. The other station

can reply hands-free. Remember to deactivate VOX when not needed to conserve power and prevent unintended transmissions.

- **MONITOR Function:** Press the **MONITOR** button. This unit will now continuously listen to the selected channel. This is useful for monitoring a room (e.g., a child's room). The monitored station cannot transmit back while this unit is in MONITOR mode. Press **MONITOR** again to exit this mode.

Usage Scenarios:



Image 5.1: Intercom use for family care, including children and elderly.



Image 5.2: Intercom use for convenient communication in an office or business setting.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Wuloo Wireless Intercom System, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the intercom units. Do not use liquid cleaners, aerosols, or solvents, as these can damage the device.
- **Power Supply:** Always use the original power adapters provided. If using a power bank, ensure it is a 5V

1A output to prevent damage.

- **Placement:** Avoid placing units in direct sunlight, near heat sources, or in areas with high humidity. Keep units away from strong electromagnetic fields.
- **Antenna Care:** Handle the antenna gently. Do not bend or force it, as this can affect signal quality.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Wuloo Wireless Intercom System.

- **No Power/Unit Not Turning On:**

- Ensure the power adapter is securely plugged into both the intercom unit and a working electrical outlet.
- If using a power bank, verify it is charged and providing 5V 1A output.
- Check the power cable for any visible damage.

- **Poor Sound Quality/Static/Interference:**

- **Check Digital Code and Channel:** Ensure all communicating units are set to the same digital code (A, B, or C) and the correct channel number (0-9).
- **Change Channel/Code:** If experiencing interference, try switching to a different channel or digital code. The system supports 10 channels and 3 codes, offering 30 possible combinations.
- **Unit Placement:** Move units further apart (at least 5 meters) if they are too close, or relocate them away from other electronic devices that might cause interference.
- **Range:** While the system has a long range, physical obstructions like thick walls or multiple floors can reduce signal strength. Try repositioning units for better line-of-sight or fewer obstructions.
- **Antenna Position:** Ensure the antenna is fully extended and positioned vertically for optimal signal reception.

- **Unit Not Responding to Calls:**

- Verify the unit is powered on.
- Confirm the correct channel and digital code are selected on both the calling and receiving units.
- Check if the receiving unit is in MONITOR mode, as it cannot transmit back in this state.

- **VOX Not Activating or Activating Unintentionally:**

- **VOX Sensitivity:** The VOX function is voice-activated. Ensure you are speaking clearly and close enough to the microphone.
- **Environmental Noise:** High background noise can trigger VOX unintentionally. Consider adjusting the unit's placement or using the TALK button for manual control in noisy environments.

8. SPECIFICATIONS

Feature	Detail
Model Number	WL666-4 Stations
Brand	Wuloo
Item Weight	3 pounds (for the set)
Product Dimensions	10.24 x 4.09 x 8.03 inches

Wireless Range	Up to 5280 feet (1 mile)
Channels	10 Channels (0-9)
Digital Codes	3 Codes (A, B, C)
Power Input	DC 5V 1A (via adapter or power bank)
Mounting	Wall mountable
Date First Available	July 31, 2018

9. WARRANTY AND SUPPORT

Wuloo is committed to providing quality products and customer satisfaction.

Return Policy:

This product is eligible for a refund or replacement within 30 days of purchase, subject to the retailer's return policy.

Customer Support:

For any questions, technical assistance, or warranty claims, please contact Wuloo customer service. Wuloo is dedicated to providing excellent support and stands by its products with a "Love it or refund" promise.

You can typically find contact information on the Wuloo official website or through the retailer where the product was purchased.

Extended Protection Plans:

Extended protection plans may be available for purchase separately, offering additional coverage beyond the standard return policy. These plans typically include 2-year or 3-year options.