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› QNIGLO Wireless Intercom System User Manual

QNIGLO LD666-2P

QNIGLO Wireless Intercom System User Manual

Model: LD666-2P

1. INTRODUCTION

The QNIGLO Wireless Intercom System provides a reliable and efficient communication solution for homes, offices, and businesses. With a long communication range of up to 5280 feet (approximately 1 mile), 10 channels, and 3 digital codes, it ensures clear and private conversations without interference. This system is designed for ease of use, offering features like hands-free talking (VOX), group communication, and room monitoring, making it ideal for various indoor and outdoor communication needs.



Instant wiress intercom system solutions for home/office

- .Multi-Channel can be encrypted, ensure the communication private**
- .Long Range Clear Sound**
- .Low Power, Radiation-Free**

Figure 1: Instant wireless intercom system solutions for home/office.

2. PRODUCT OVERVIEW

The QNIGLO LD666-2P system typically includes two compact intercom units, each equipped with an antenna, speaker, microphone, and a user-friendly control panel. The design prioritizes ease of placement and operation in various environments.



Figure 2: Two QNIGLO LD666-2P wireless intercom units.

2.1 Unit Components

Each intercom unit features clearly labeled buttons and ports for intuitive operation:



Figure 3: Labeled diagram of the intercom unit.

- **ANT:** Antenna for signal transmission and reception.
- **DC 5V Power Port:** For connecting the power adapter.
- **Digital Code (A/B/C) Switch:** Selects the privacy code.
- **SPK:** Speaker for audio output.
- **Numeric Keypad (0-9):** For channel selection.
- **VOL- / VOL+:** Volume control buttons.
- **GROUP Button:** Initiates a group broadcast.
- **MONITOR Button:** Activates room monitoring.
- **VOX Button:** Toggles voice-activated transmission.
- **CALL Button:** Sends a call alert to another unit.
- **TALK Button:** Press and hold to speak.
- **MIC:** Microphone for audio input.
- **TX-LED:** Transmission indicator light.

3. SETUP

To set up your QNIGLO Wireless Intercom System, follow these steps:

1. **Power Connection:** Connect the provided DC 5V power adapter to the power port on each intercom unit. Plug the adapter into a standard electrical outlet.
2. **Portable Power (Optional):** For mobile use, the intercom can also be powered by a compatible power bank (not included) via the DC 5V port.
3. **Antenna Adjustment:** Ensure the antenna on each unit is extended and positioned vertically for optimal signal reception.

The following video demonstrates the power options and initial setup considerations for the intercom system:

Your browser does not support the video tag.

Video 1: Powering and Range Demonstration of the QNIGLO Wireless Intercom System.

This video demonstrates the power options for the QNIGLO Wireless Intercom System, showing both DC charging and power bank compatibility. It also illustrates the effective communication range within various environments like bedrooms, living rooms, offices, and meeting rooms. Furthermore, the video provides a visual guide on how to use the VOX (hands-free), CALL, GROUP, and MONITOR modes for different communication needs.

4. OPERATING INSTRUCTIONS

4.1 Channel and Digital Code Setting

To ensure clear and private communication, set all intercom units to the same digital code and channel:

- **Digital Code:** Use the A/B/C switch on the side of the unit to select one of the three digital codes. All units intended to communicate must be set to the same code.
- **Channel Setting:** With all units on the same digital code, press and hold any numeric key (0-9) for 3 seconds on each unit to set its channel. After communication, the intercom will automatically restore to the original channel. You can long-press the channel number up to 3 seconds and when you hear the "beep" voice to lock the channel.

Code setting



----- Digital Code(A/B/C)

NOTICE:

Must be the same number

otherwise they can't communicate

Channel setting



Set all the stations at the same code condition and then press and hold any channel number key for 3 seconds to set the channel number. After communication, each intercom will automatically restore to the original channel. You can long press the channel number up to 3 seconds and when you hear the "beep" voice to lock the channel.



1800 Feet (600M) Long Range

Figure 4: Code and Channel Setting, illustrating 1800 feet (600M) long-range capability.

4.2 Communication Modes

The QNIGLO intercom system offers several modes for flexible communication:



Figure 5: Overview of VOX, Monitor, Call, and Group functions.

VOX Mode (Voice Activated)

Press the **VOX** button to enable hands-free communication. In this mode, you do not need to press the Talk button to speak, making it convenient for continuous monitoring or when your hands are occupied. The receiving unit will still need to press their Talk button to respond unless they also have VOX enabled.

CALL Mode

Press the **CALL** button to send an alert to another intercom unit on the same channel. This function is useful for initiating a conversation or for urgent situations, as it produces a clear ringtone on the receiving unit.

GROUP Mode

Long press the **GROUP** button to communicate with all connected intercom stations simultaneously. This feature is perfect for broadcasting messages to multiple units, even if they are on different channels, making it highly effective for conference calls in business or general announcements in a large home.

MONITOR Mode

To monitor a specific room (e.g., a baby's room or an elderly person's room), place an intercom unit in that room and press the **MONITOR** button. The unit will stay in transmit mode, allowing you to listen in from another intercom.

This is a convenient way to keep track of family members.

4.3 Communication Range

The QNIGLO Wireless Intercom System boasts an impressive long-range communication capability of up to 5280 feet (approximately 1 mile) in open areas. This range allows for effective communication across multiple rooms, floors, or even between different buildings, such as a house and an office or workshop.

5. SPECIFICATIONS

Key technical specifications for the QNIGLO LD666-2P Wireless Intercom System:

Feature	Detail
Brand	QNIGLO
Model Number	LD666
Item Weight	1.52 pounds
Product Dimensions	4.02 x 1.61 x 3.15 inches
Country of Origin	China
Power Source	DC
Voltage	5 Volts (DC)
Number of Channels	10
Frequency Range	433 MHz
Talking Range Maximum	600 Meters (approx. 1968 feet)
Tuner Technology	UHF
Batteries Included?	Yes (1 Lithium Polymer battery required per unit)
Included Components	Charger

6. MAINTENANCE

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

- **Cleaning:** Wipe the units regularly with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as they may damage the surface.
- **Storage:** When not in use for extended periods, store the intercom units in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Although batteries are included, ensure proper charging practices. Avoid overcharging or completely draining the battery frequently to prolong its lifespan.
- **Antenna Care:** Handle the antenna gently to prevent bending or breaking.

7. TROUBLESHOOTING

If you encounter issues with your QNIGLO Wireless Intercom System, refer to the common problems and solutions below:

- **No Sound or Poor Sound Quality:**

- Ensure both units are powered on and properly charged.
- Check that both units are set to the same digital code (A, B, or C) and channel.
- Adjust the volume using the VOL+ / VOL- buttons.
- Ensure units are within effective range and not obstructed by thick walls or large metal objects.
- Try switching to a different digital code if experiencing interference.

- **Units Not Communicating:**

- Verify that both units are on the same digital code and channel.
- Confirm that the TALK button is being pressed and held during transmission.
- Check power supply for both units.

- **Limited Range:**

- Ensure antennas are fully extended and upright.
- Minimize physical obstructions between units (e.g., concrete walls, large appliances).
- Environmental factors can affect range; try repositioning units.

- **Interference:**

- Change the digital code (A, B, or C) to find a clearer frequency.
- Move units away from other electronic devices that may cause interference.

8. WARRANTY AND SUPPORT

QNIGLO provides a lifetime service for its wireless intercom systems. If you have any questions, concerns, or require assistance with your purchase, please do not hesitate to contact QNIGLO customer support. Refer to the product packaging or the official QNIGLO website for the most current contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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