Q-538

Wireless Intercom Doorbell

DISCLAIMER AND OPERATION GUIDLINES

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Ⅰ. Disclaimer and Warning

Congratulations on purchasing your new QNIGLO product. The information in the document affects your safety and your legal rights and responsibilities. Read this entire document carefully to ensure proper configuration before use. Failure to read and follow instructions and warnings in this document may result in serious injury to yourself or others, damage to your QNIGLO product. This document and all other collateral documents are subject to change at the sole discretion of QNIGLO.

By using this product, you hereby signify that you have read this disclaimer and warning carefully and that you understand and agree to abide by the terms and conditions herein. You agree that you solely responsible for your own conduct while using the product, and for any consequences thereof. You agree to use this product only for purposes that are proper and in accordance with all applicable laws, rules and regulations, and all terms, precautions, practices, policies and guidelines QNIGLO has made and may make available.

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Amazon is the only authorized selling channel of QNIGLO products. Customers who buy QNIGLO products from all other channels(except Amazon) could not have QNIGLO warranty policy and shall take their own responsibilities for all possible loss. QNIGLO do not have any responsibility to them.

Before You Begin

Check that you have all of the included parts. Read the entire user manual. Read the disclaimer and warning above to understand your legal rights and responsibilities. If you have any questions or problems during the installation, maintenance or use of this product, please contact QNIGLO service team: **qniglo-servicesteam@outlook.com.**

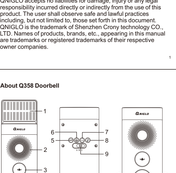
Warning

◆ Never disassemble or pierce the product in any way or the warranty will not cover the personal disassembled products.

Ⅱ. Product Overview

The QNIGLO doorbell, equipped with a wireless intercom system, combined the doorbell and intercom functions, realizes to talk with visitors without opening the door. Better protects the people in the house and more safety for people living alone.

About Q358 Doorbell



Picture 1

1.Solar panel
2.Speaker
3.Bell button
4.Talking button
5.Pairing button
6.Power
7.Volume
8.Bell-ring
9.Channel
10.Charger port
11.Charger dock

OUTDOOR	Name	Function
	Bell	Press the outdoor unit bell to call the indoor unit, the indoor unit will ring ("ding-dong" or music) to remind visitors coming.
VOL	Volume	3 levels volume for choice. Factory default is the second level. Press once, add to the biggest third volume. Press twice, it will be turns to the first volume. (2.3.1.2. .loop)
	Doorbell music	Press it to choose your favorite ringings.
	Channel	3 channels for choice. A, B,C. Please check and make sure that indoor and outdoor units' channels are the same. Please check its corresponding frequencies and CDCS CODES in Table 2.
	Power	Turn on/off when pressing and holding 3 seconds.
TALK	TALK button	After received a voice from the indoor unit, press and hold the talk button to speak. (Speaking time, within 60s)
○ ●	Led indicators	Blue light indicate pairing status, Red light indicates the power.
pair	Re-pairing key	Press and hold for 3 seconds, the machine enters into pairing mode.

INDOOR	Name	Function
	Bell	1. Press the Bell button to cut the ringing. 2. Press the bell to call other intercom devices which are in the same frequency. (checking corresponding frequencies and CDCS CODES in Table 2.)
VOL	Volume	3 levels volume for choice. Factory default is the second level. Press once, add to the biggest third volume. Press twice, it will be turns to the first volume. (2.3.1.2. .loop)
	Doorbell music	Press it to choose your favorite ringings. There are 20 musics for choice.
	Channel	3 Channels for choice. A,B,C. Please check and make sure that indoor and outdoor units' channels are the same. Please check its corresponding frequencies and CDCS CODES in Table 2.
	Power	Turn on/off when pressing and holding 3 seconds.
TALK	TALK button	When received a ringing from the outdoor unit: 1.press once to cut the ringing. 2.press and hold the button of the indoor unit to speak. (speaking time, within 60s).
○ ●	Led indicators	Blue light indicate pairing status, Red light indicates the power.
pair	Re-pairing key	Press and hold for 3 seconds, the machine enters into pairing mode.

Ⅲ.Installation

3.1. Included parts

1. Outdoor machine *1
2. Solar panel *1
3. Indoor machine *1
4. Charger dock *1
5. Screws *6
6. Screwdriver *1
7. User manual *1
8. USB Cable *1
9. Battery *2

Picture 2

3.2. Installation

3.2.1. Indoor Unit installation

Already assembled, ready for charging and using. Please put it in the charging dock for charging while not use to avoid missing visitors caused by out of power.

3.2.2. Outdoor Unit installation

A. Fix the solar stand with screws on the wall. (Picture 3)
B. Then fixed the outdoor unit on the panel with screws.

Picture 3

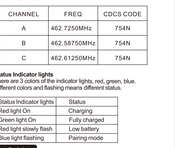
Ⅳ. Charge

4.1. Charging dock

*Both indoor and outdoor units need to be charged before use.
*Put them in the charging dock to charge them in turns. There is a charging indicator in the dock, a red light means charging, a green light means fully charged. If the indicator light doesn't turn on, please adjust the units charging position.

4.2. USB Cable

Both units could be taken off battery and charge the batteries alone by USB cable.
Here are the steps:
1. Remove the screws of the front cap, then take off the cap. Pull off the bottom battery and then charge it via USB cable. (as pictures)



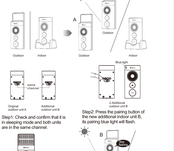
Indoor/Outdoor

Picture 4

*The outdoor unit has a solar panel for auxiliary charging, which can supply its daily standby power. In order to make sure its service power, please fully charge it before use.

Note:

1. Please always put the indoor unit in the charging dock to charge to avoid missing any visitors if out of power.
2. When the outdoor unit is under low battery status, there is a slow flash red light in its right up corner, please charge it in time.
3. The charging time of both units are around 5 hours. Usually, the outdoor unit could work a year after fully charged.
4. Due the charging time needs hours, in order to avoid missing visitors, please exchange the indoor unit's and outdoor units' batteries.



Picture 5

Ⅴ. Instruction

5.1. Doorbell Function

5.1.1 Power onoff

Indoor unit

Power on: Press and hold the power button (3) for 3 seconds, there is a 'beep-' sound for power on notification.
Power off: Press and hold the power button (3) for 3 seconds, there is a 'bi,bi' sound for power off notification.

Outdoor unit

Power on: Press and hold the power button (3) for 3 seconds, there is a 'beep-' sound for power on notification.
Power off: Press and hold the power button (3) for 3 seconds, there is a 'bi,bi' sound for power off notification.

5.1.2. Channel Pairing

There are 3 channels for choice. Make sure that both units are in the same channel so that the machines could work. Factory default setting is the same.

Indoor Outdoor

Picture 6

5.1.3. Doorbell

When both units are in the same channel, press the outdoor unit bell key (🔔), the indoor unit will be ringing('ding dong' or other music) to remind visitors. Kindly remind, only the outdoor unit can start a ringing. Indoor unit doesn't have this function.

5.2. Intercom Function

When people hear the indoor unit's sounds ('ding dong' or music), they can press any button on the indoor unit to stop the ringing. And then press and hold the TALK button (🗣) to speak, like "Hello! Who's speaking?", then release the button when finished speaking. (The outdoor unit is the same way for speaking).After receiving the reply from outdoor unit, press and hold the TALK button to reply.

Picture 7

Note:

1. To save power, the outdoor machine will fall into sleeping mode if it does not detect operations within 25 seconds. Under sleeping mode, the indoor machine will unable to talk with the outdoor machine. However, if anyone clicks the CALL button of outdoor machine, it will be activated and the indoor machine can talk with it after receiving the ringing.

2. Under the sleeping mode of the outdoor unit, the indoor unit cannot talk with the outdoor unit. Only the outdoor machine is initiated by pressed its bell button, and the indoor machine can talk after receiving its ringing.

3. TOT transmission time limit: In order to effectively protect the circuit device and wireless frequency occupation, the transmission intercom could not exceed 60 seconds. When the talking time is over 60 seconds, the machines will have a long beeping sound, the sound will disappear after releasing the TALK key, and the message could not transfer to other machines. You need to operate it again within 60 seconds.

4. Short press buttons (🔔) can call other radio intercom devices of the same frequency. Press the TALK button to talk. (🗣) When setting the same frequency of other devices and the doorbell units, they could be connected and talk.
Please check the Table 2 for Channel and frequency comparison.

Frequency table(Table 2)

CHANNEL	FREQ	CDCS CODE
A	462.7250MHz	754N
B	462.5875MHz	754N
C	462.6125MHz	754N

Status Indicator lights

There are 3 colors of the indicator lights, red, green, blue. Different colors and flashing means different status.

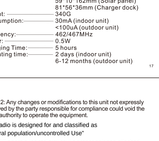
Status Indicator lights	Status
Red light On	Charging
Green light On	Fully charged
Red light slowly flash	Low battery
Blue light flashing	Pairing mode

Ⅵ. Pairing

6.1. Re-pairing

If the machines are out of pairing, the bell functions will be not working. Please re-pair it as the following steps:
1. Making sure the channels of both units are the same, press the indoor pair button, the pairing indicator blue light will be flashing, it means entering into pairing mode.

2. Then press the bell button of the outdoor unit, there is a "di" sound and the blue flash light turns off, it means the pairing is completed.



Picture 8

6.2. Add Additional Units

6.2.1. Adding Extra Outdoor Units

If adding extra outdoor units to connect with present units, you need to re-pair them.
Here are the steps:
1. Making sure the channels of the extra units are the same with the exist units, press the extra indoor unit's pairing button, the indicator blue light will be flashing, it means entering into pairing mode.
2. Then press the bell button of the original outdoor unit, there is a "di" sound and the blue flash light turns off, it means the pairing is completed.

Pictures for your reference:

Step1: Check and confirm that it is in sleeping mode and both units are in the same channel.

Step2: Press the bell button of the new additional indoor unit B, its pairing blue light will flash.

Picture 9

Picture 10

6.2.2. Adding Extra Indoor Units

If adding extra indoor units to connect with present units, you need to re-pair them.
Here are the steps:
1. Making sure the channels of the extra units are the same with the exist units, press the extra indoor unit's pairing button, the indicator blue light will be flashing, it means entering into pairing mode.
2. Then press the bell button of the original outdoor unit, there is a "di" sound and the blue flash light turns off, it means the pairing is completed.

Picture 11

Ⅶ. Troubleshooting

Most issues that arise can easily be resolved by changing the settings on your intercom doorbell.

Please read this user manual carefully before you use this machine. Use the table below to find your exact issue and possible solutions for it. If you need more help, you are welcome to contact us via our customer service email at **Qniglo-servicesteam@outlook.com.**

Common Trouble	Solutions
Intercom works well, but no ring	Out of pairing, please re-pair it.
Both intercom and ring not working	Check channel first, then re-pair it.
Outdoor unit does not work	Charge it first and then re-pair it.

Ⅷ. Connect with QNIGLO Intercom System

QNIGLO intercom doorbell can connect with QNIGLO Intercom system. Please check Table2 for corresponding channel&code for connection.

Note:

1. When you set the corresponding Channel&code, doorbell can talk with our brand intercom.
2. Click the CALL button of outdoor machine, the intercom will not have ring even set the corresponding channel&code. However, Click the ON/OFF button for indoor machine, the intercom will have ring. The outdoor machine can only talk with intercom, but can not CALL and give a ring alert before talking. The indoor machine can communicate and make the intercom ring the bell as well.

Ⅸ. Specifications

Name:----------QNIGLO DOORBELL
Model:----------Q358
Dimensions:----------59*24*123mm (Machines)
59*10*162mm (Solar panel)
81*56*36mm (Charger dock)
Weight:----------340G
Consumption:----------30mA (indoor unit)
<100uA (outdoor unit)
Frequency:----------462/467MHz
Power:----------0.5W
Charging Time:----------5 hours
Operating time:----------2 days (indoor unit)
6-12 months (outdoor unit)

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This equipment has been tested and found and operated with a minimum distance of 0mm between the radiator and your body.

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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

–This radio is designed for and classified as
"General population/uncontrolled Use"

- DO NOT operate the radio without a proper antenna attached, as this may damage the radio and may also cause you to exceed RF exposure limits.
A proper antenna is the antenna supplied with this radio by the manufacturer or an antenna specifically authorized by the manufacturer for use with this radio.
- DO NOT transmit for more than 50% of total radio use time, more than 50% of the time can cause RF exposure compliance requirements to be exceeded.
- This transmitter may operate with the antenna(s) documented in this filing in Push-to-Talk and body-worn configurations. RF exposure compliance is limited to the specific belt-clip and accessory configurations as documented in this filing and the separation distance between user and the device or its antenna shall be at least 2.5 cm.