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**2.4GHz Digital Wireless 7”
LCD Video Doorphone
with Infrared Night Vision LEDs
QC-3884
User Manual**

PRODUCT DESCRIPTION

This unit features a 2.4GHz digital wireless range of up to 50m. The touch-sensitive indoor unit provides easy operation, while the camera unit provides clear full-colour vision. The camera unit provides full colour vision through the day, with night vision enabled when it's dark. Two-way talkback with the outdoor unit is made simple, and electronic door strike is also included. Another great feature is the photo-storing system, providing you the ability to store up to 100 snapshots of visitors when the doorbell is pushed or the PIR motion detection is triggered. Let's not forget that this unit integrates full battery backup, with internal Lithium batteries. This retains full functionality of your video doorphone system in the event of a power outage!

PRODUCT FEATURES

1. 50m Wireless Range
2. 100 Image Snapshot Storage
3. 2-Way Audio Intercom
4. Monitor & Camera Battery Backup
5. Electronic Door Strike
6. 25 Selectable Melodies
7. 3-7 Level Volume Adjustment

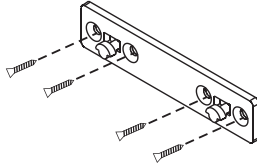
BOX CONTENTS

- 1 x 7" LCD Monitor
- 1 x Wireless Doorphone Camera
- 2 x Lithium Backup Batteries
- 1 x Monitor Mounting Bracket
- 1 x Camera Mounting Bracket
- 2 x Mains Power Adaptors
- 1 x Mounting Hardware

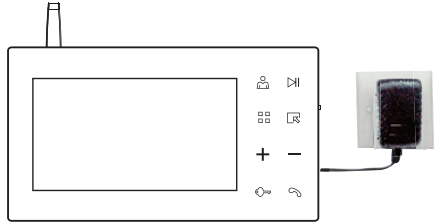
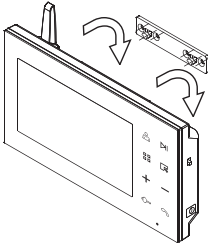
INSTALLATION

A. Monitor

1. Fasten the bracket of monitor onto the wall with screws.



2. Hang the monitor on the bracket after plugging one end of the enclosed power adapter to the unit. Plug the other end of the adapter into a 240V AC wall socket.

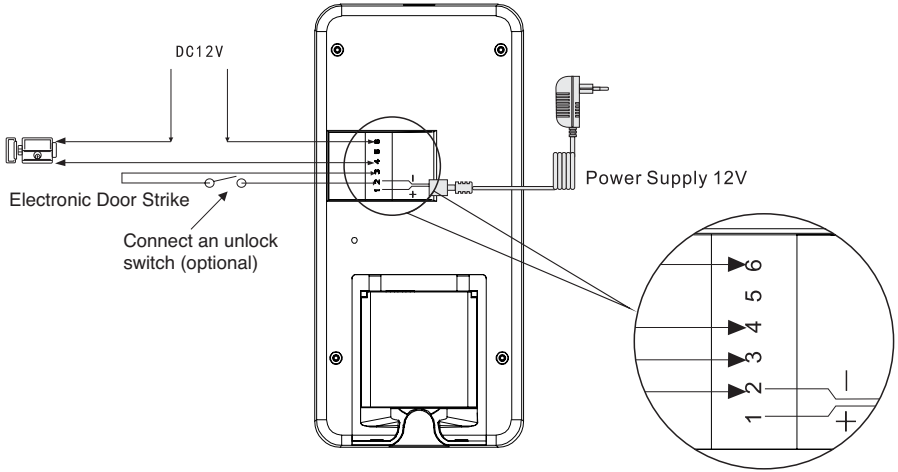


B. Camera

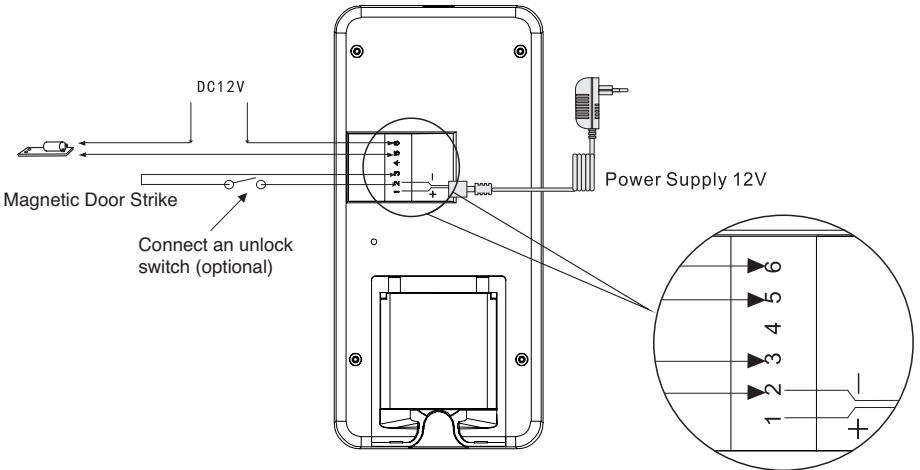
See below for how to connect an electronic door strike or magnetic door strike. Terminals 4/6 are for the electronic door strike connection and terminals 5/6 are for the magnetic door strike connection.

NOTE: Both electronic and magnetic door strikes need external power supply.

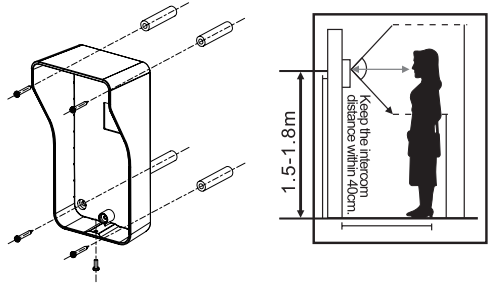
Electric Door Strike



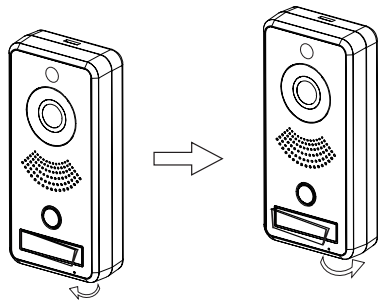
Magnetic Door Strike



1. Install the rain shade at the height of 1.5m~1.8m up from the ground (according to the camera effect).

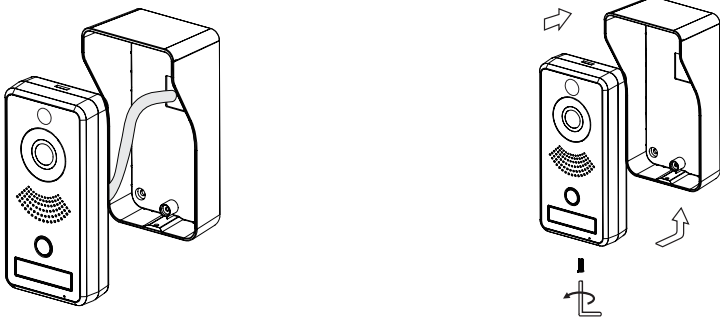


2. If the name plate is needed, then take off the name plate cover, put the name plate inside and finally cover it according to the diagram below.



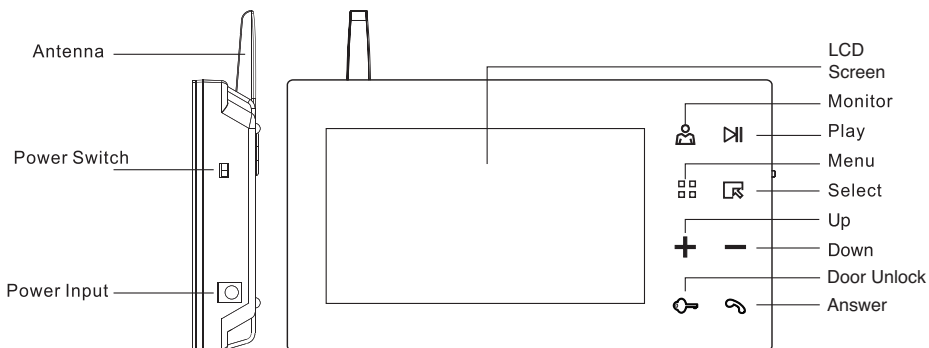
3. Connect the power supply and electronic door strike according to the wiring diagram.

4. Fasten the camera and rain shade with screws.



FUNCTION KEYS & OPERATION INSTRUCTION

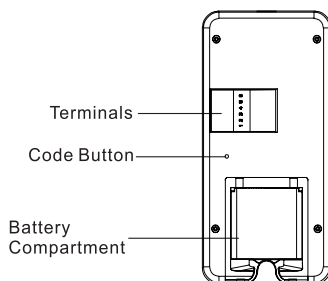
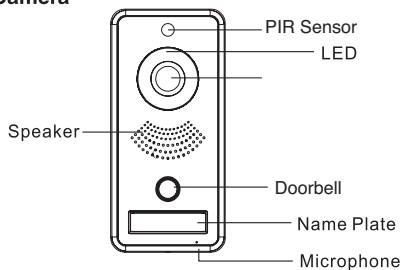
Monitor



Icons shown when standby

	Signal Strength		Mute
	Battery		Answering
18:28:05	Time		Unlocked
	Melody		Missed Call















Camera



OPERATING INSTRUCTIONS

A. Function Setting of Monitor

Function settings are divided into 5 parts including language setting, date and time setting, melody setting, unlock time setting and PIR setting. Press Menu button to confirm and enter next function setting and press Answer button to save the setting for one part and then exit.

1. Language setting: When the screen is on, press Menu button () to enter Function setting. The first part is language setting, including French, English and Spanish. The default language is English.
2. Date and time setting: When the screen is on, press Menu button () to enter Function setting, and then press Menu button () again to enter date and time setting mode. Press Select button () to select, and press (+) / (-) Button to amend the value.
3. Melody setting: When the screen is on, press Menu button () to enter Function setting, and then press Menu button () for 3 times to enter melody setting mode. Press Up button (+) to select next piece of melody. There are 25 pieces of melodies for option. Press Down button (-) to amend the volume of melody. The volume of melody is classified into 3 levels.
4. Unlocking time setting: When the screen is on, press Menu button () to enter Function setting, and then press Menu button () 4 times to enter unlocking time setting mode. Press (+)/(-) button to amend the value from 1s to 6s. The default unlocking time is 1s.
5. Mute mode setting: When the screen is on, press and hold the Answer button () for 3s, and then the green music notation () will turn to a red music notation with a cross () which represents mute mode. Press and hold the Answer button () for another 3s to cancel mute mode. In mute mode, if there is a call from the camera, the monitor will display images but will not ring.
6. Answering volume adjustment of monitor: During answering or monitoring mode, press Up (+) and Down (-) button to adjust the volume from level 0 to level 7.
7. Brightness and colour setting: During answering or monitoring mode, press Select button () to switch to colour setting. Press Up (+) and Down (-) button to adjust the brightness and colour. The adjustment range of colour is from 0 to 9, while the brightness is from level 0 to level 7.
8. PIR setting: When the screen is on, press Menu button () to enter Function setting, and then press Menu button for 5 times to enter PIR setting mode. Press (+) / (-) button to turn on or off the function.


B. Operation Introduction

1. Starting up the camera:

Insert the battery into the battery compartment of the camera and then attach the camera to the rain shade. Make sure the positive and negative poles of the battery are connected correctly.

2. Starting up the monitor:

Install the monitor as per installation instruction and then slide the power switch to ON. Then the monitor will boot up and the display will show the word Welcome.

If there is no operation in about 35s, the standby page will be closed. When the screen is on, press Answer button () to close the standby page, and then you can press any button to activate the desktop display. Slide the power switch to OFF position, then the monitor will be powered off and closed down.

3. Answering

Visitors can press the doorbell of camera to call. Then the blue light indicator on camera will be on with the indication tone of “Du-Du”. Monitor will ring immediately and display the image from the camera. Press the Answer button (📞) on monitor to enter answering state. The max answering time is 90s. Press Unlock button (🔓) to release the electronic door strike of camera. After the conversation, press Answer button (📞) once to hang up the call and the monitor display will be shut off. If there is no operation done to monitor after calling from camera, then a picture of outdoor will be captured and saved automatically after 5s. If the call is not answered in 30s, both monitor and camera will enter standby mode automatically and monitor will indicate the missed call.

4. Monitoring

In standby mode, touch any button to activate monitor, and then monitor will display standby desktop. Press Monitor button (📺) to enter the monitoring state. Meanwhile you could view the outdoor situation and monitor the sound from outdoor. The monitoring time is 30s. The display will be shut off if there is no operation in 30s. During the monitoring outdoor, press Answer button (📞) once to enter answering state, and then press Answer button (📞) again to hang up.

C. Battery Indicator

Battery indication of camera: The battery icon on the top right corner represents the batter power of camera. When the battery is low, the battery icon will become red to indicate that battery of camera needs to be charged.

D. Photo Function

1. Auto photo-taking: When there is a call from camera, monitor will automatically capture one photo if the call is not answered after 5s. There will be a photo indication.
2. Manual photo-taking: In answering or monitoring state, press Play button (▶) to take a photo. There will be a photo indication. Maximum 100 photos can be saved. And earliest photos will be auto over-written if the storage is full.
3. View photos: When the screen is on, press Play button (▶) to view the photos. The photos will be saved according to a time order with the photo taken most recently ranking the first. Press Up (+) and Down (-) button to view all photos. Press Answer button (📞) to exit and return to standby desktop.
4. Delete photos: When viewing photos, press Play button (▶) and then an indication of “Whether to delete the photo” will pop out. Press (+)/(-) button to select “Y (Delete one photo)” or “N (No, ALL (Delete all photos))”. Press Play button (▶) to confirm whether to delete this photo or to delete all photos. If you delete only one photo, press Answer button (📞) to return to standby desktop. If you delete all photos, then all photos will be deleted and then return to standby desktop automatically.

E. PIR Function

When the PIR of the camera is triggered, the camera will capture a photo which immediately will be displayed and saved on the monitor.

F. Coding Instruction

1. When the monitor is powered off, slide the power switch to ON, and the display will show the word “Welcome”. At the same time press the Door Unlock button (🔓) for 3 to 4 times in a fast pace. It represents that the monitor has entered coding state when the monitor shows the word “Pairing”.
2. Press and hold the coding button of camera for a while. Later you will hear one “DI” tone and see the blue light of camera flash. When you hear the “DU” tone and the monitor displays images, it means code-pairing is done, otherwise you need to pair again.
3. All products have been coded before they leave the factory. Please do not pair the code unless necessary.

TECHNICAL SPECIFICATIONS

Monitor:

LCD: 7" Touch Button

Resolution: 800 x 480

Wireless Frequency: 2.4GHz Digital

Wireless Range: Up to 50m

Battery: Li-ion 3.7V, 1200mAh

Charging Time: Up to 3hrs

Power: 12VDC, 1.1A

Power Consumption: 330mA (Max)

Dimensions: 232(W) x 130(H) x 30(D)mm (Excluding Antenna)

Wireless Doorphone Camera:

Image Sensor: 1/4" CMOS

Resolution: 380TVL (537 x 597)

Frame Rate: 20fps

Lens: 3.1mm

Lens Angle: 60°

Infrared: 6 x IR LEDs

Infrared Range: Up to 1m

IP Rating: IP44

Battery: Li-ion 3.7V, 1100mAh

Charging Time: Up to 3hrs

Power: 12VDC, 1.1A

Power Consumption: 240mA (Max)

Dimensions: 153(H) x 72(W) x 32(D)mm (Excluding Bracket)

TROUBLESHOOTING

There is no response when the camera calls the monitor after powered on:

- Check if the code pairing of monitor fails. Refer to the coding instruction in Function key and operation instruction and re-code the monitor and camera.

Monitor makes a harsh noise suddenly:

- Check if the distance between the monitor and camera is too short. This may lead to signal interference. Barriers can be placed between the monitor and camera, or enlarge their distance.

No response after calling:

- Check if the power supply is connected correctly.
- Check if the camera and monitor is beyond installation range, or the barriers between them are too many which leads to bad transmission.

Fail to Unlock:

- Check if the electronic door strike is connected correctly.
- When the camera is powered by lithium battery, it is unable to drive the electronic door strike. Please check if the power supply is connected correctly.

SAFETY INSTRUCTIONS

1. Keep the monitor away from high temperature and high humidity.
2. Do not place the doorphone near 2.4GHz devices as it may interfere with one another.
3. Do not touch the unit with wet hands.
4. Clean the camera or screen with a soft cloth. Do not use detergent, thinner, volatile or corrosive liquid.
5. When a car or a motorbike passes by, the image may be interfered with by the radio waves and become blurred or cut off.
6. Use the product under the circumstance of barrier-free and no interference.
7. Do not install the devices at the place where multi-concrete walls exist (Those concrete walls will block the signal transmission).

CAUTION

1. To prevent damage, the adapter should be fastened on the wall according to instruction.