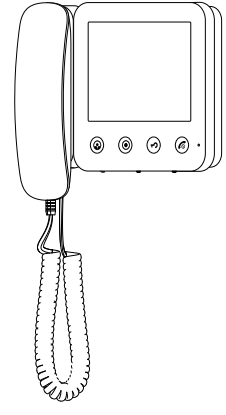
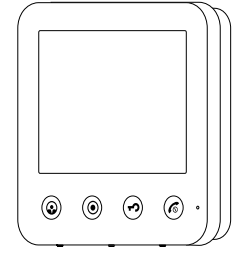
4-WIRE VIDEO DOOR PHONE

— 4” COLOUR TFT INDOOR MONITOR





☐ E400FC
☐ E401FC

CE FC UL R&TTE RoHS

ISO9001 ISO14001 OHSAS18001

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Product introduction

Please read the instructions carefully and follow directions for installing this product.

General features

- Multiple ringtones
- Monitor and unlock
- Touch button
- Colour/brightness adjustment
- Max. of 4 room stations with intercommunication and call transfer function

CAUTION: To avoid the risk of electric shock, please don't remove cover or back.
Please seek professional advice.

Important operation and maintenance guidelines are included in the attached user's manual.

NOTE

*The manufacturer holds the right to change or modify designs and specifications without any prior notice, for the improvement and promotion of the product quality.

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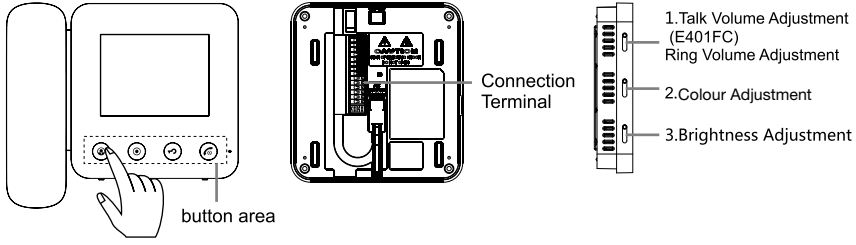


NOTE

1. The function of E400FC and E401FC is almost same except for the talk button
2. Please touch the centre of the button for correct operation

1. ON / OFF

a. After connecting the power supply, the unit will sound “DI”, then the power LED turns red, which means the unit is powered up and in standby mode.

b. When in standby mode, touch and hold to turn the unit off

c. When in off mode, touch to enter standby mode.

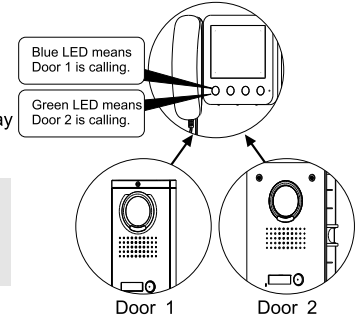
2. Call Remind

a. Standby mode

When the door station rings, room station screen will display its image automatically. Meanwhile the LED flashes.

Note: When button is blue this means Door 1 is calling.

When button is green this means Door 2 is calling.



b. Talk mode

When the room station is talking with door station, and another door station calls, the corresponding door station LED will flash 10 times, but no ringtone will be heard.

3. Talk/Stop

3. 1 Call Transfer to talk

When the door station rings, touch to start talking. You need to pickup the handset to talk when you use E400FC

Note: When is blue this means you are talking with Door 1. When button is green, this means you are talking with Door 2.

3.2 Monitor Transfer To Talk

When the room station is in monitor mode, touch to start talking. You need to pickup the handset to talk when you use E400FC.

Note: In this mode, you will be talking with Door 1. Touch to switch talking to Door 2

3.3 Standby Transfer To Talk

When in standby mode, touch to start talking with Door 1

Note: You need to pickup the handset when you use E400FC

3.4 Transfer Call

When the room station is talking with a door station, touch to choose the room number you need to transfer the call, then touch to transfer call. Now the second room station will ring, touch to start talking. The other room stations will go into busy mode.

3.5 Hang up

When in talk mode, touch to stop talking. Or you can wait 90secs and it will hang up automatically.

4. Monitor Door Station

When in standby mode, touch to monitor Door 1. Touch again to monitor Door 2. Touch again to exit

5. Unlock

When a room station is talking with a door station, touch to unlock for 3secs. If you touch and hold the button, the door will be kept unlocked for the duration of the press. The door will remain unlocked for a further 8secs after the button is released.

6. Intercommunication

A. When there are only 2 room stations, touch and you will hear “DI”, then touch to call another room station.

B. When there are more than 2 room stations, and monitor A wants to call monitor B, touch to choose the room number you need to call, then touch to call.

For example, you need to call Room 3, touch , when LED flashes, touch to cal Room 3.

Note: Mute LED (green) means Room 1
Intercom LED (green) means Room 2
Unlock LED (green) means Room 3
Power LED (green) means Room 4

7. Mute Setup

When in standby mood, touch and hold , the unit will sound “DI” and the LED will illuminate.

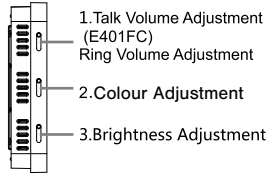
When in mute mood, touch and hold , the unit will sound “DI DI” and the LED will go off.

8. Volume Adjustment

A. Talk volume adjustment

When a room station is in talk mode, slide the talk volume button to adjust the talk volume.

Note: E400FC cannot adjust the talk volume.



B. Ring volume adjustment

When a door station is calling, slide the ring volume button to adjust the ring volume.

9. Colour/brightness Adjustment

When the screen is on, slide the colour / brightness button to make adjustments.

10. Reset

When in standby mode, touch and hold , the unit will sound “DI DI” all the LEDs will turn ON. After one second they will turn off, then release the button, which means the unit has reset.

Note: After reset, the ringtone of Door 1 is default to “DINGDONG”, ring time is 30secs.

11. Busy Status

When one of the room stations is in talk or monitor mode, the other will be in busy mode. After you have completed talking or monitoring, all the units will go back to standby mode.

Note: When the room station is in busy mode, it cannot operate room number setup and reset function.

12. Room Number Setup

12.1 Automatically Setup Room Number

A. Single Room Station

Reset the unit, then make a call from door station. The room number will be automatically setup after ringing.

B. Two Room Stations

Reset the units, then make a call from door station. The room numbers will be setup automatically after ringing.

C. More Than Two Room Stations

Reset all the units, then connect the power supply of the main unit and the extension unit which you need to setup as No.2, then make a call from door a door station. The room numbers will be setup automatically after ringing. After that, connect the power supply of the extension unit which you need to setup as No.3 then make a call from a door station. The room numbers will be setup automatically after ringing. Do the same operation for No.4 extension unit.

12.2 Manually Setup Room Number

When in standby mode, touch and hold for 3secs, untill the unit sounds “DI DI”.

The following LED indicates for different room numbers:

Mute LED ON 10S (green)	Main unit
Intercom LED ON 10S(green)	No.2 room
Unlock LED ON 10S(green)	No.3 room
Power LED ON 10S (green)	No.4 room

During setup, touch to switch to different room number, then touch to save.

Note: The unit will automatically exit the mode if no operation within 10secs.

13. Alarm Guide

13.1 Room Number Confliction Alarm

When the system has more than two room stations with the same room number, the unit will sound “DI” at intervals. You will need to reset the room number again. If the alarm is still present after this, you will need to restart the power supply.

13.2 Communication Trouble Alarm

If the unit sounds “DI DI” every 3secs, this means there is a communication trouble between room stations. Please check the wiring and make sure the main unit is turned on. After resolving the trouble, touch or to monitor or talk to a door station, the alarm will be automaticall cancelled.

1. LED Status

LED turns on (red)	The unit is powered up.
LED turns on (green)	The unit is in mute mode.
LED turns on (blue)	Door 1 is ringing.
LED turns on (green)	Door 2 is ringing.
LED flashes in turns (blue/green)	Another door station is ringing.
LED turns on (green)	In standby mode, it means ringtone setup In talk mode, it means unlock the door
LED turns on (green)	The unit is in talk mode

2. Voice Status

“DI” at intervals, means room number confliction

“DI DI” at intervals, means communication trouble

“DU”, means the function performed is not allowed

Long “DI”, it means the unit is powering up

Trouble shooting guide

Problem	Possible reason	Solution
The unit does not work.	-Power is not connected. -The unit is OFF.	-Check if the power is on. -Refer to Operation 1 “ON/OFF”, turn on the unit.
Cannot call from door station.	-The connection between room and door station is cut off. -The unit is OFF.	-Check the connection between room and door station. -Refer to Operation 1 “ON/OFF”, turn on the unit.
Room station cannot monitor door station.	-The room number has not been setup. -The connection between room and door station is short circuit.	-Refer to Operation 12 “Room Number Setup”, setup a new room number. -Check the connection between room and door station.
“DI DI” at intervals when the system connects with more room stations.	-The main unit is OFF. -The connection between this unit and the main unit is open circuit	-Refer to Operation 1 “ON/OFF”, turn on the unit. -Check the connection between this unit and the main unit.
“DI DI” continuously when the system connects with more room stations.	Room number conflict	-Refer to Operation 12 “Room Number Setup”, setup a new room number.
Cannot call from door station, room station cannot monitor door station and sound “DI DI” at intervals.	-No main unit in the system. -The main unit is OFF.	-Refer to Operation 12 “Room Number Setup”, reset the unit then setup the room number. -Refer to Operation 1 “ON/OFF”, turn on the unit.
Door station can hear the sound from room normally, but the room station can only hear very low sound from door station.	Talk volume is too low	Refer to Operation 8“Talk Volume Adjustment”, adjust the volume.
When the system only connects with one room station, it cannot monitor or talk.	This unit is not the main unit.	Refer to Operation 12 “Room Number Setup”, reset the unit then setup the room number.

Specifications

Item \ Model	E400FC	E401FC
Display	4” Color TFT digital screen	
Operation voltage/current	AC100-240 ~50Hz/60Hz 15VA or DC13.5-15V/1.5A	
Connection	In series (Daisy Chain)	
Talk mode	Handset	Hands free
Power consumption	13.5V/400mA (MAX)	
CCTV input	1Vp-p (75ohm)	
Operation temperature	−10℃ to +55℃	
Optional extension room station	Any of our 4-wire FC indoor unit	
Optional door station	Any of our 4-wire outdoor unit	

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