

# COLOR VIDEO DOOR PHONE

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## USER MANUAL

Model no.: IMATB4H



- Thank you for purchasing our products.
- The company is not responsible for any safety accidents caused by abnormal operation of the product.
- Please carefully read this User's Guide(in particular, precautions for safety) before using this product .

# Index

1. Warning and Caution .....	1
2. The function and name of each part .....	3
3. Features and main function .....	5
4. Package contents .....	5
5. Wiring diagram .....	6
6. Installation .....	7
7. Buttons function .....	8
8. Operation guide .....	9
9. System setting .....	12
10. Specification .....	13

# 1. Warning and caution

○ Make sure to follow the instructions to prevent any danger or property losses.



## Warning

Death or serious injury is expected.



It indicates prohibition.



It indicates disassembly.



It indicates prohibition of contact.



It indicates do's and don'ts.



It indicates that the plug should be pulled out from the socket.



<p>Do not put the plug in the socket simultaneously. It may generate abnormal heat or cause a fire.</p>	<p>Do not connect to other products while in use. It may cause breakdown.</p>	<p>Do not forcibly bend the cord or put a heavy object on the product. It may cause a fire.</p>
<p>Do not use water, thinner or a detergent used to wash oil products when you wash the exterior. Make sure to wash it by using a dry cloth to prevent any breakdown or electric shock.</p>	<p>Do not install the product in a humid place. It may cause an electric shock or a fire.</p>	<p>Do not forcibly pull out the cord from the socket. If the cord is damaged, it may cause a fire or an electric shock.</p>
<p>Do not put the plug in the socket with a wet hand. It may cause an electric shock.</p>	<p>Do not disassemble, repair or modify the product. It may cause a fire, an electric shock or an injury due to malfunction of the product.</p>	<p>Do not use AC circuit breaker. It may cause an electric shock.</p>



**Caution**

A injury or property losses are expected.



It indicates prohibition.



It indicates disassembly.



It indicates prohibition of contact.

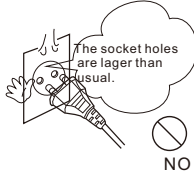
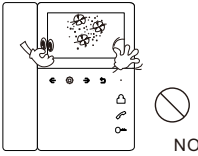
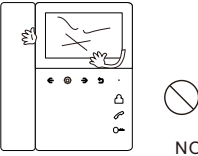
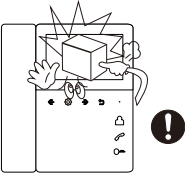
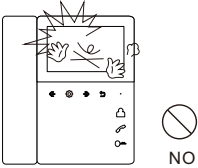
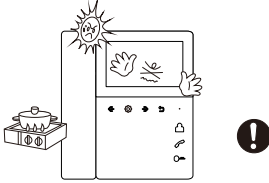
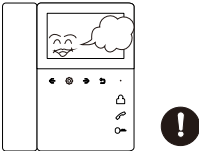
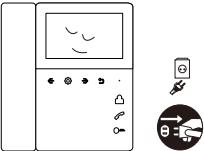
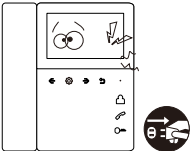


It indicates dos and don'ts.



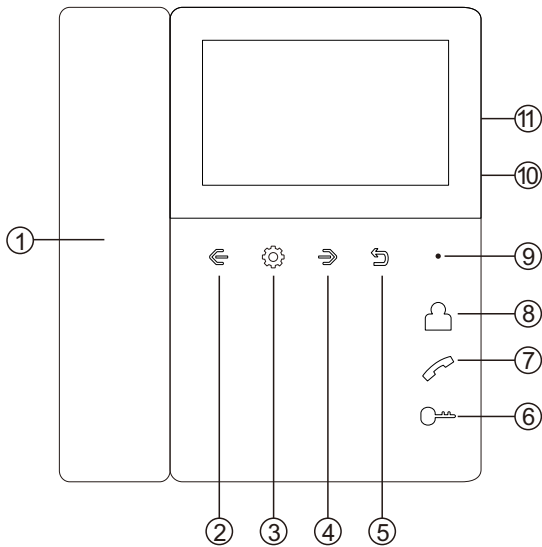
It indicates that the plug should be pulled out from the socket.

**CAUTION**

		
<p>If the socket holes are larger than normal, do not put the plug. It may cause an electric shock or a fire.</p>	<p>Make sure that dust or foreign substances are not gathered on the product.</p>	<p>Make sure to prevent foreign substances from entering the product. It may cause a breakdown.</p>
		
<p>Do not put a heavy object on the product. It may cause a breakdown.</p>	<p>Do not disassemble the product.</p>	<p>Avoid direct rays of the sun or heating devices at a time of installation.</p>
		
<p>Install the product in a flat and stable place. Otherwise, it may not function properly.</p>	<p>Pull the plug if the product is not used for a long time.</p>	<p>If the product generates strange sound, make sure to pull the plug immediately and contact service center.</p>

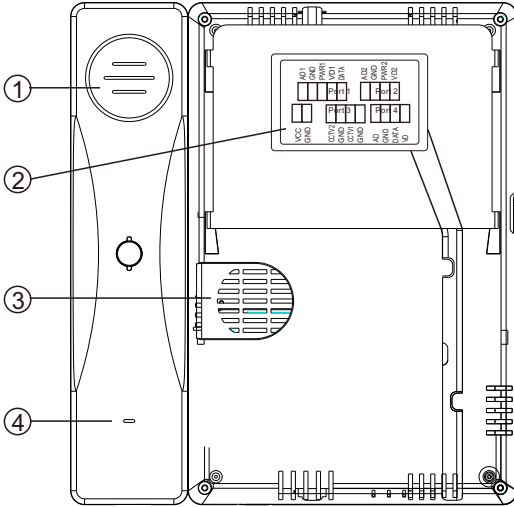
## 2. The function and name of each part

### 2.1 Front view



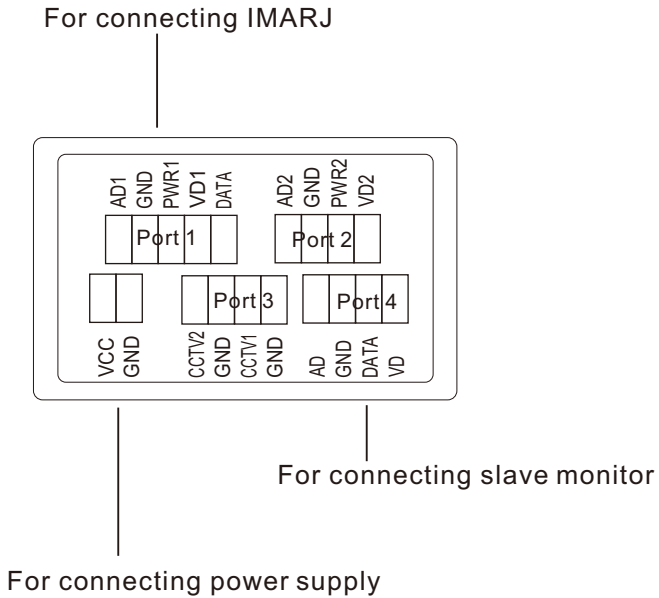
No.	Item	Function description
1	Handset	Answer/Hang up
2	Left button	Choose/Adjust
3	Menu button	Enter system settings/Confirm
4	Right button	Choose/Adjust
5	Back button	Back/Hang up
6	Unlock button	Unlock
7	Answer button	Answer/Call
8	Monitor button	Monitor
9	Indicator light	Power indicator light
10	Power switch	On/Off
11	Microphone	

## 2.1 Rear view



- ① Speaker 1
- ② Ports
- ③ Speaker 2
- ④ Microphone

### Ports detail



## 3. Features and main function

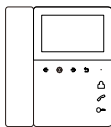
### 3.1 Features

- 4.3" color digital LCD, high definition
- Talk hands free or with handset, meet different people's favor
- Friendly interface, simple operation
- 12 polyphonic ring-tones switch freely

### 3.2 Main function

- Unlock
- Broadcast function
- Monitor listening
- Call transfer
- Make internal call to other monitors
- Real-time monitoring to doorbell or CCTV camera
- Brightness, contrast, volume, display model and color adjustable

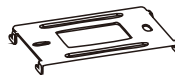
## 4. Package contents



Monitor



User manual



Wall bracket



2\*M4\*20  
fixing screws

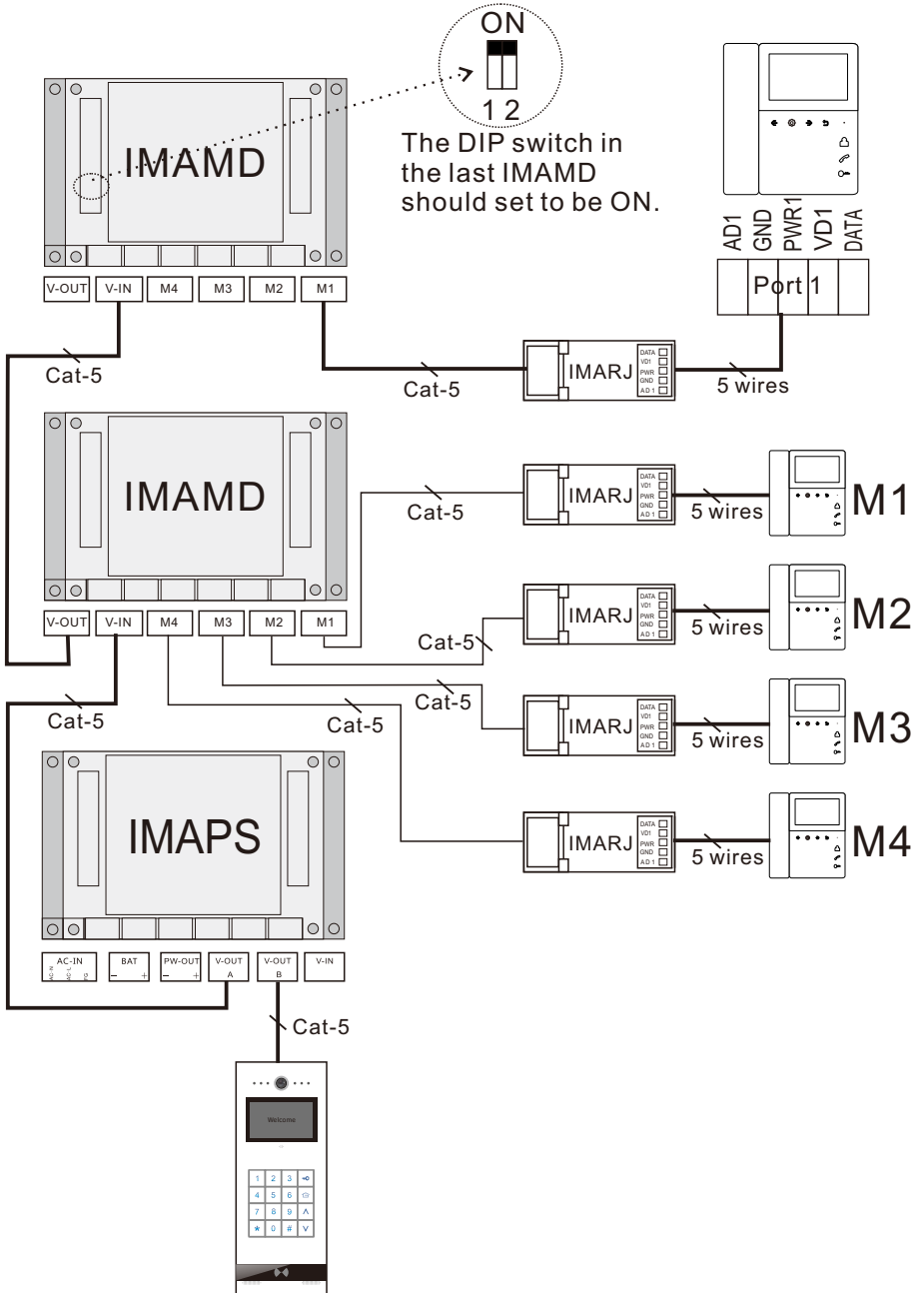


2\*Expansion bolt



Desiccant

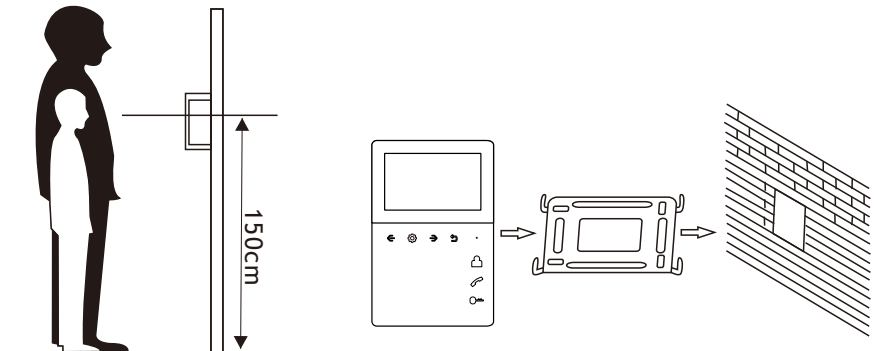
# 5. Wiring Diagram












## 6. Installation

- 1.Refer to relevant wiring diagram for the system you have chosen and ensure you have the correct cable.
- 2.Determine Monitor positions and heights:
  - suggest to install at 1.5~1.6Meters;
  - suggest distance between indoor monitor and doorbell is at least 350 mm;
- 3.Ensure no power supply connection before installation finished
- 4.Take off the bracket from the back of the monitor.
- 5.Install the bracket on the wall
- 6.Connect cables as per the wiring diagram indicated.
- 7.Fix the monitor onto the bracket.
- 8.Power on the monitor when the system wiring finished.









## 7. Buttons function




Buttons	Functions
 <b>【Menu button】</b>	Press this button to wake up the screen and display the system Settings menu in standby mode. Can able to enter into lower menu by adjusting left/right button to choose and confirm any function
 <b>【Left button】</b>	Press this button in the "Setting" menu, can browse though the menu; Adjust function in each sub menu
 <b>【Right button】</b>	Press this button in the "Setting" menu, can browse though the menu; Adjust function in each sub menu
 <b>【Monitor button】</b>	Press this button to watch door station. Press it again can switch to other monitoring channel. Long press will enable the listening mode(Only works when slave monitors are installed.
 <b>【Answer button】</b>	Press this button to answer the call, Short press can make internal call to other monitors, long press can make broadcast in standby mode.(Only works when slave monitors are installed.)
 <b>【Unlock button】</b>	The tenant can press this button to turn on the electric lock and let the visitor in. [note] When there is an image, it can be unlocked!
 <b>【Back button】</b>	In each sub menu, press this button to return to the main interface and be in standby mode. Press this button in the sub menu to return to the upper-level menu interface.




## 8. Operation guide

### DEVICE ADDRESS set

Press  to go to system settings, press  or  to go to DEVICE ADDRESS. Press  to select the item, press  or  to set the master monitor to be ROOM 1. For slave monitors, please set the address to be ROOM 2/3/4.





### ROOM NO. set

This item will only appear when the monitor is installed in the apartment system. Long press  on door station, then input password (default 000000) to enter system settings, press  to go to DEBUG, press any number button to enter debug setting, press any number button to enable DEBUG MODE. Long press  until the screen shows SYSTEM SETUP.

Then go to the monitor system settings, press  or  to go to ROOM NO. setting, press  to enter it to change the ROOM NO.






Remark: The ROOM NO. could only be modified when the door station screen shows SYSTEM SETUP.

### Talking volume adjust

At the state of monitoring/ringing/talking/making intercom/broadcasting, press  or  to enter volume adjustment interface. press  or  again to adjust the talking volume,

### Brightness/color/contrast/display model adjust





At the state of monitoring/ringing/talking/making intercom/broadcasting,

press  or  to enter volume adjustment interface. Press  can switch to BRIGHT/CONT/COLOR/display model interface, press  or  to adjust as the user wants.

## “Don’t disturb” function

You can use SYSTEM SETTINGS menu to turn “DO NOT DISTURB” function on or off. If enable this function, there will be no chime during ringing/intercom/broadcast.



## Monitor door station/CCTV camera

At standby state, press  button to monitor Door station 1, press  again, change the viewing screen to another video channel. When monitoring Door station channel, press  can talk with people in front of the door station, and press  can open the door.

Remark:








In apartment system, the user can only monitor the apartment door station whose address is set as 1(DR1 port, master door station).

## Incoming call answer


When a visitor presses door station, all the indoor monitors in the same apartment will chime, the LCD will show “INCOMING CALL”. Press  or pick up the handset to talk with the visitor, press  button can unlock the door for the visitor.

## If there are slave monitors in the same apartment

### Internal call among monitors





If you want to make internal call to another monitor in the same apartment, press  at standby state. If there are more than 1 slave monitors in the same apartment, you need to press  or  to select target room no., then press  or  to confirm the call. The user in another room can pick up handset or press  to answer the call, or press  to hang up.

### Broadcast function

At standby state, long press  button, the screen will show BROADCAST REQUEST, the monitor in other rooms will show BROADCASTING . Now you can make broadcast .

Remark: At broadcast state, it's only one-way talk. The listener can not talk to the caller.

### Monitor listening

At standby state, long press  button to start the monitor listening function. If you have more than 2 indoor monitors ,there would be option rooms for choosing on screen, press  or  to choose the target indoor intercom and press  to confirm.


Note:

a: When monitoring, the user can hear the sound from the being monitored room, but the people at the be-monitored intercom room can not hear the voice from monitoring intercom room.

b: Monitor listening function is only available when BE MONITORED function in the target monitor is enabled. Please check the system setting menu to see

how to enable the CAN BE MONITORED function.

## 9. System setting

In standby status ,short- press  button to enter system setting menu.

No.	Setting items	Options	Notes
1	CHIME TIME	Default 30seconds , (10 - 60 seconds adjustable)	
2	CHIME VOLUME	Default 03, 01 - 07 adjustable.	
3	RING TYPE	Door1 ring type	01 by default, 00-11 optionals
		Door2 ring type	02 by default , 00-11 optionals
		Intercom ring type	03 by default , 00-11 optionals
4	DO NOT DISTURB	Off by default, at the ringing, intercom between monitors, broadcast status, the LED indicator will flicker when turn on "DO NOT DISTURB" function.	
5	CAN BE MONITORED	Off by default, it can be monitored by other indoor intercoms in the system when turn on this function.	
6	DEVICE ADDRESS	Room1/2/3/4	Master monitor must be set as ROOM 1, and the option will be yellow if two monitors set the same address.
7	RING REPEAT	Default ENABLE. If disable it, the monitor will only ring once when be called.	
8	RESTORE DEFAULT	Restore the system to default settings.	

## 10. Specification

No.	Items	Content
1	LCD Screen	4.3inch digital screen
2	Resolution	480 x272
3	Intercom function	Hands free / Handset
5	Audio frequency	300mVp-p (1KHz, 300 Ohm load)
6	Audio Distortion	<3%
7	Frequency Range	400-3.5K
8	Intercom distance	30m (RVV4*0.5) , 100m (RVV2*0.5+SYV75-3 )
9	Video	1Vp-p 75OHM (Input)
10	Button	Touch buttons
11	Outdoor panel	Support 2 (5PIN*1,4PIN*1)
12	CCTV	Support 2 channels
13	Ringtones	12 Polyphonic ringtones
15	Operating voltage	DC14.5V /0.8A
16	Power Consumption	5W (Max) ,0.3W (Standby)
17	Operating temperature	-10℃ - +40℃
18	Storage Temperature	-30℃ - +60℃

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The parameters of product are subject to changes without prior notice.