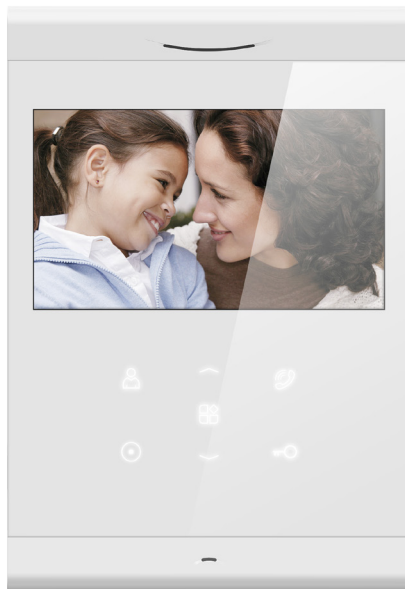# USER MANUAL

4.3" video door phone

Table of Contents

WARNING AND CAUTION

Please make sure to follow the instructions to prevent any danger or property losses.

|	
⚠	**Warning: Death or serious injury are expected**
🚫	Do not disassemble, install, or repair this product on your own accord
🚫	Do not place the product near a hot or humid place
	Do not forcibly bend the cord or put a heavy object on the product
	Do not use water, thinner or a detergent used to wash oil products when you wash the exterior
	Do not connect to other products while in use
❗	Make sure to clean it by using a dry cloth to prevent any breakdown or electric shock
	If the product emits a peculiar noise, odor or smoke, immediately cut off the power, and then contact the service center
✋	Do not put the plug in the socket with a wet hand

|	
⚠	**Caution: An injury or property losses are expected**
❗	Make sure that dust or foreign substances are not gathered on the product
	Make sure to prevent foreign substances from entering the product
	Avoid direct rays of the sun or heating devices at a time of installation
	Install the product in a flat and stable place
🔌	Pull the plug if the product is not used for a long time
🚫	Do not unplug the micro SD card when recording, this generally will cause loss of data

1. Features And Functions

※ **Indoor monitor**

- 4.3" touch button monitor
- Up to 2 door stations,1 master monitor + 3 slave monitors
- Point-to-point intercom and broadcast
- Ringtone volume & talking volume adjustable
- Brightness,color and contrast adjustable
- 6 melodies for each door station
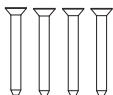- Do not disturb function
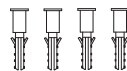- DC power input
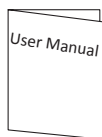- Hands-free

2. Packing Contents
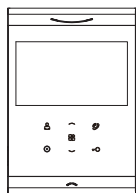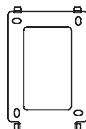
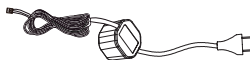| Indoor monitor	Wall bracket	KA M4*35mm Mounting screw	M4*35mm Plastic expansion pipe
User manual	Warranty card	3*4 pin wiring cable	DC adapter

3. Name And Functions Of Each Part

3.1 Front And Rear Part
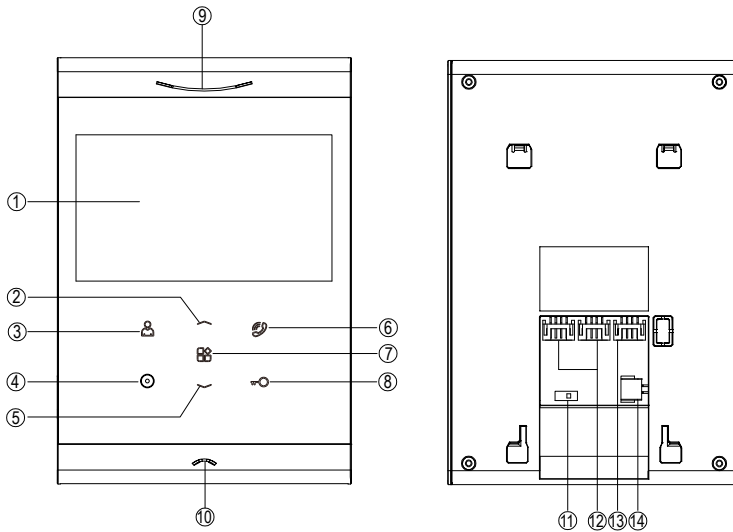
| NO.	Part Name	Description
1	Screen	4.3" digital TFT LCD
2	Up Button	Touch button for entering setting page
3	Monitor Button	Touch button for monitoring
4	Intercom Button	Touch button for intercom
5	Down Button	Touch button for entering setting page
6	Talk Button	Touch button for talking with visitor
7	Menu Button	Touch button for entering setting page
8	Door Release Button	Touch button for releasing door lock
9	Speaker	
10	Microphone	Receive voice from the user
11	Switcher	Impedance matching for video signal
12	Video Input	Interface for door station 1/door station 2
13	Intercom	Interface for extension monitors
14	DC Power	Interface for DC adapter

4. Connection Diagram

4.1. Wiring Diagram

» Intercom wiring diagram with one monitor
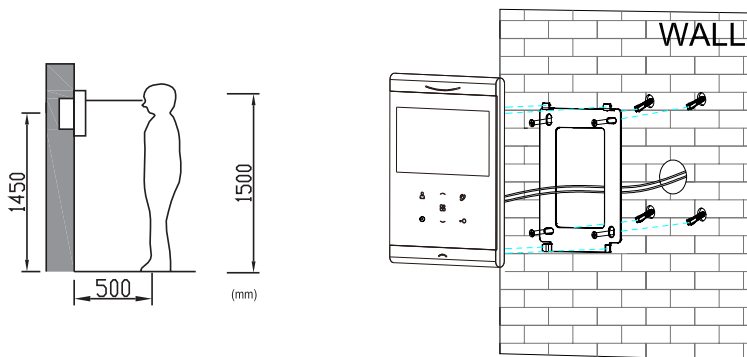
Dial 75Ω switch to ON
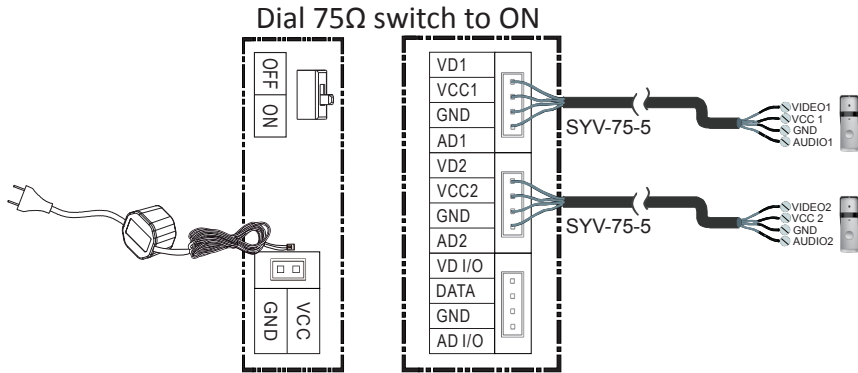
» Intercom wiring diagram with master monitor and extensions (please pay attention to the impedance matching switch)

Dial 75Ω switch to OFF
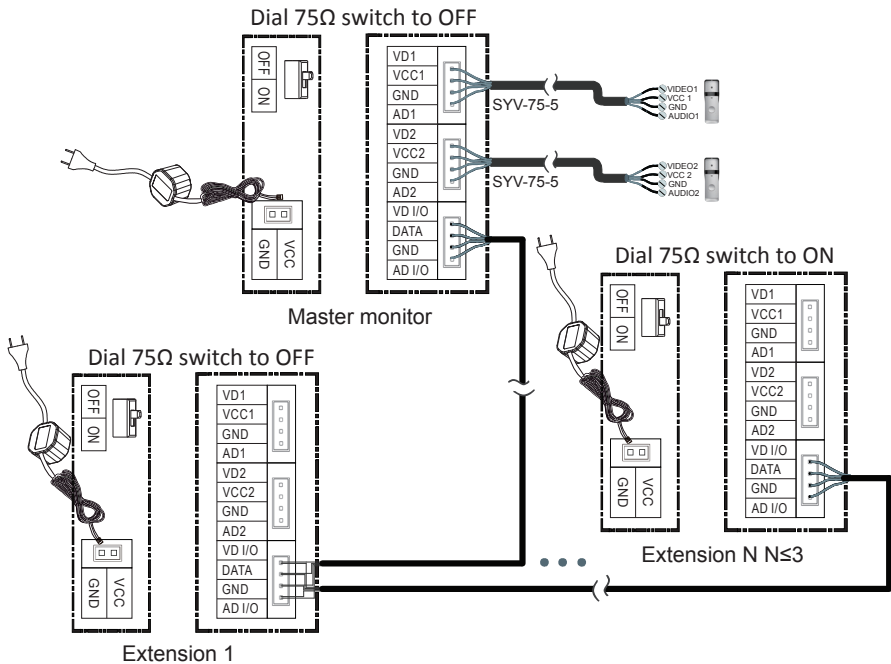
5. Installation

» **Monitor installation location**

Standard monitor installation height is about 1,500mm where screen center is at eye level; in this case, wall-hanging metal center is 1,450mm above ground level.

» **Wiring and installation of indoor monitor**

1) Remove mounting bracket behind monitor and fix it on the wall with screw;
2) Pull the cable out and connect the system according to 4.1 wiring diagram;
3) Hang the monitor on the mounting bracket;
4) Plug DC adapter's power plug into power socket.

6. Operation Description

6.1 Visitor Call

When door station calls in, the visitor's image will be shown on the monitor screen and you can press ⌇ to talk with the visitor and press ⌇ again to terminate.

When door station calls in, you can press ⌐○ to release door lock.

When door station calls in, you can press ⊞ to select setting item(brightness/color/ contrast/ringtone volume)and then press ⌒ or ⌄ to increase or decrease the value.

During the talk:

» You can press ⊞ and then press ⌒ or ⌄ to adjust the brightness/color/contrast/ talking volume.

» You can press ⌂ to switch to other door station and the current talk will be terminated.

» You can press ◎ to transfer the current call to other extension monitors.

Remark:

» If the ringtone volume is 0,the monitor will enter [Do not Disturb] mode;when door station calls in, the monitor will be mute.

6.2 Monitor Function

When you press ⌂ and then the monitor will enter monitor mode, then it will show image from the corresponding door station.Press ⌂ once, the screen will display " ⬚ 1 "; press twice, the screen will display " ⬚ 2 " ; press ⌂ three times, the screen will be turned off.
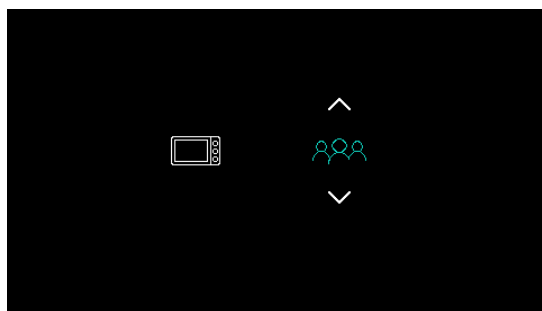
Remark:

» If monitoring fails,the screen will show a triangle with an exclamation point.The definition of icon is as below:

⚠ 1	Monitoring failed(The monitor isn't set up as "Master" /Net busy)

6.3 Intercom Function

In standby mode, press ◎ to enter the intercom address selecting page and press ⌢ or ⌣ to select the monitor you want to call, and then press ✆ to start the call, then you can talk with the monitor if the called monitor answers the call.

1	Master
2	Ext1
3	Ext2
4	Ext3
⧔	Broadcast

Remark:

» If intercom fails,the screen will show a triangle with an exclamation point.The definition of icon are as below:

⚠ 1	Net busy/No response
⚠ 2	Local address

6.4 Setting Page

In standby mode, press ⊞ to enter the mian setting page and then press ⌒ or ⌄ to switch and select between different setting items and then press ⊞ to enter the selected setting page.In the sele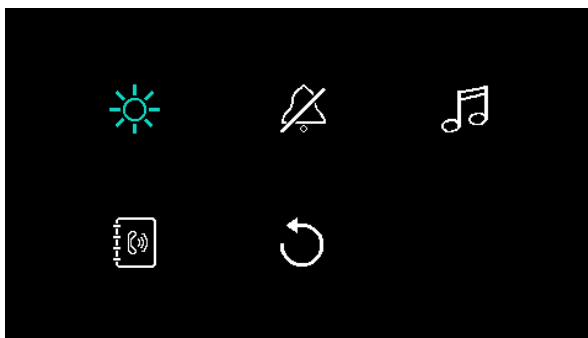cted setting page,you can press ⊞ to switch between different setting items and press ⌄ or ⌄ to adjust the value,and then press ☎ to connfirm the settings and return to main setting page.

※ Icon Definition

☀	Adjust the brightness/color/ contrast of the indoor monitor	🔕	Enable/disable [do not disturb] function
🎵	Set the camera melody/intercom melody/ring volume and ring time of the indoor monitor	📖	Set the intercom address of the indoor monitor
↩	Restore system to factory settings		

7. Specifications

※ **Indoor monitor**

Category	Specification
Input power	DC: 14.5V
TFT LCD	4.3 inch digital TFT LCD
LCD Resolution	480(RGB) x 272
Connection with door station	Support two 4-wire door station
Connection with extension monitor	Support three extension monitors
Dimensions (mm)	160(W) x 110.5(H) x 10.4(D)(without wall bracket) 160(W) x 110.5(H) x 15(D)(with wall bracket)

※ **DC adapter**

Category	Specification
Input power	AC:150V~240V,0.35A,50Hz/60Hz
Output power	DC:14.5V,0.8A
Dimensions(mm)	45 (W) * 45 (H) * 30 (D)