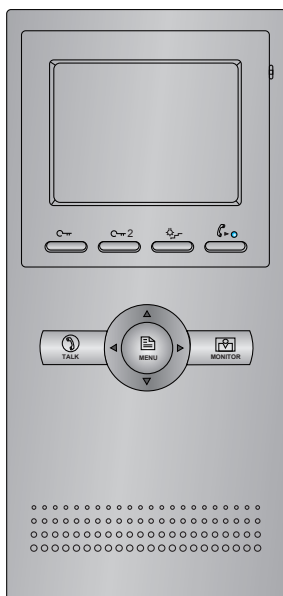


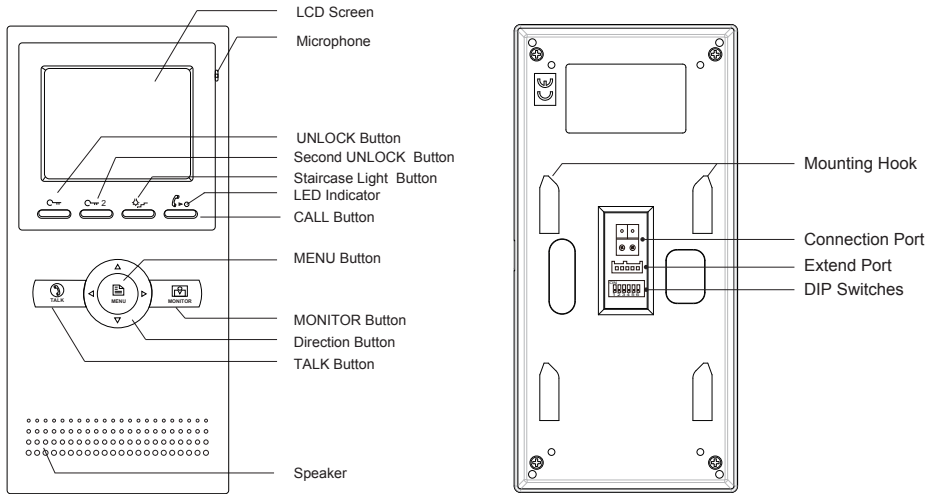
ENGLISH

2-WIRE INTERCOM SYSTEM

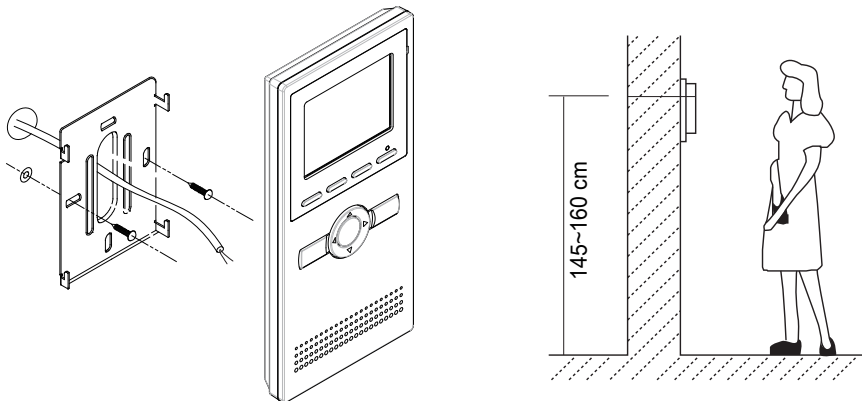
USER MANUAL



1.Parts and Functions










2.Monitor Mounting





1. Use the screws to fix the Mounting Bracket on the mounting box.(fitting accessories includes a Bracket (Two pieces of 4X25 screws are needed for fastening the Mounting Bracket), Special 2 wire cables to connect with Monitor)
2. Wire the system correctly(see the later connection chapter) then hang the Monitor on the Mounting Bracket firmly.

3. Basic Door Release Operation

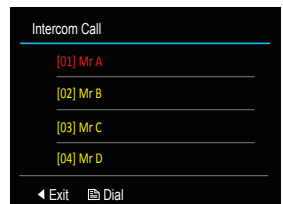
1. Press CALL button on outdoor station, the Monitor rings, at the same time, the screen displays the visitor image.
2. Press TALK Button on monitor, you can communicate hands free with the visitor for 90 seconds. After finishing communication, press "TALK" button again to end the communication. If nobody answers the phone, the screen will be turned off automatically after 40 seconds.
3. During talking state, Press  UNLOCK Button to release the first door, press  2 button to release the second door.
4. When the monitor is in standby mode, press MONITOR Button (or select Monitor item on main menu page), The screen will show the icon  , if multi door stations are installed. press  button to choose the first camera, the screen will display the image from the first door camera. Similarly, Press  button to choose the second one, Press  button to choose the third one, Press  button to choose the fourth one. Press "MONITOR" button again to end monitoring.



4. Intercom Function


When the monitor is in standby mode, press MENU Button to enter Intercom Function page. Use  /  Button to move upward / downward to select the item you want, press MENU Button to enter.

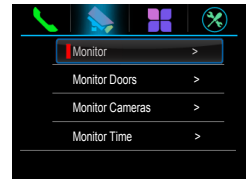
1. **Intercom Call:** User in one apartment can call other apartments in the system. the namelist will be created automatically by the system. Selete a name on the screen then press MENU Button to call. (Note: 1. Press "MENU" button again to redial. 2. The DIP switches code of the monitors are not the same.)



2. **Inner Call:** If multi Monitors are installed in the same apartment, select Inner Call, all the other Monitors will ring at the same time, whichever Monitor answers the call, conversation is started.and the other monitors will stop ringing at the same time.(note:the DIP switches setting of all monitors must be same.)
3. **Call Guard unit:** A Monitor can be assigned as Guard Unit Monitor; when the Guard Unit Monitor answers the call, conversation with the guard person is started.


5.Monitor Function

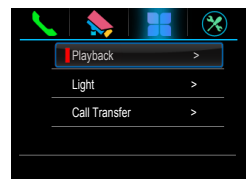
When the monitor is in standby mode, press MENU Button to enter main menu page. Use ◀ / ▶ Button to move left/right to select the  item, then use ▲ / ▼ Button to move upward / downward to select the item you want, press MENU Button to enter.



1. **Monitor:** Select it to monitor the view of outside.
2. **Monitor Doors:**if multi door stations are installed, you can press Monitor Doors ,and then press the door 1/2/3/4 to monitor the door station or CCTV camera you want.
3. **Monitor Cameras:**if the system connect 2 wire camera via camera controller, you can press Monitor Cameras, and then press the camera 1/2/3/4 to monitor the camera you want.
4. **Monitor Time:**Select it to set monitor time.

6.Misc Function

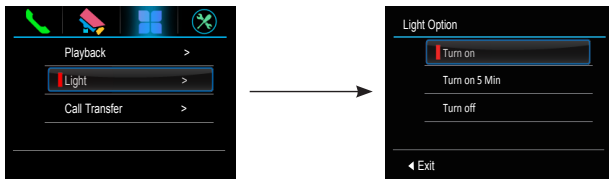
When the monitor is in standby mode, press MENU Button to enter main menu page. Use ◀ / ▶ Button to move left/right to select the  item, then use ▲ / ▼ Button to move upward / downward to select the item you want, press MENU Button to enter.



1.Playback: Select it to play the videos/pictures recorded(or when the monitor is in standby mode, press CALL Button to enter the playback function).

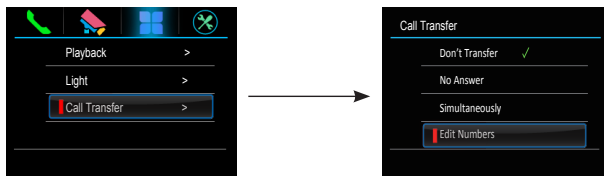
Note: the playback function will be activated only when the system connect SC6V module, otherwise, this function is unvalid in normal. For more information, please refer to SC6V user instruction in detail.

2.light:Select it to open the staircase light(or press staircase light button), the staircase light will be turned off automatically.



Note: the staircase light function will be activated only when the system connect light via RT-SC6V/DT-RLC module, otherwise, this function is unvalid in normal. For more information, please refer to DT-SC6V/DT-RLC user instruction in detail.

3.Call Transfer:Select it and press MENU Button to enter the transfer mode.Use ▲ / ▼ Button to move upward / downward to select the Edit Numbers item to input the telephone number , and then use ▲ / ▼ Button to increase / decrease the value; use ◀ / ▶ Button to select last/next digital. After inputing,press MENU Button to confirm.



1:Don't Transfer----calls from outdoor station will not be diverted.

2:If No Answer----outdoor station calls indoor monitor firstly,if nobody answer the call within 30 seconds,the call will be diverted to the telephone number you set. At this mode,the monitor will shut off immediately when TPC/GSM/TPS divert sucessfully,while it won't affect the communication between TPC/GSM/TPS and outdoor station.Otherwise, the monitor can do the operation of monitoring,talking,and unlocking.

3:Simutaneously----calls from outdoor station will be diverted to your telephone immediately.At this mode,the monitor won't shut off when TPC/GSM/TPS divert sucessfully,but if the monitor answers the call at this time,TPC/GSM/TPS will quit absolutely.

7.Basic Setup Instructions

7.1 How to Enter Main Menu Page


Press MENU Button in standby mode, press MENU Button, main menu page will be showed.

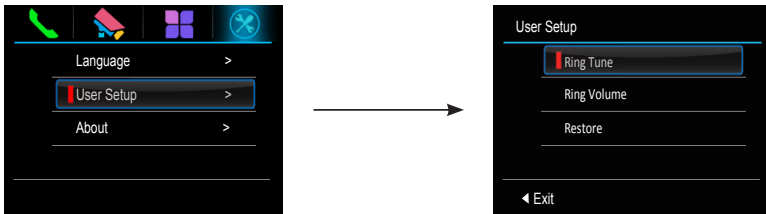


7.2 Language


Select Language item on setup page, then press MENU button to enter the language page, and then use ▲ / ▼ Button to move upward / downward to select the language you want. (There are 8 languages can be chosen for you)

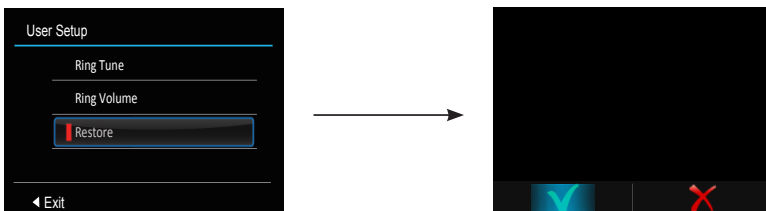
7.3 How to Enter User Setup Page

Select  item on main menu page to enter setup page, and then use ▲ / ▼ Button to move upward / downward to select the User Setup item, then press MENU Button to enter the User Setup mode. You can adjust the ring tune, ring volume and restore in this page.



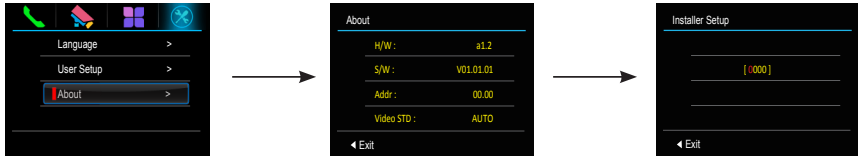
Restore to Default

Select Restore item on user setup page, then press MENU button to enter the restore to default page, and then use ◀ / ▶ Button to move left/right to select the  icon to confirm. All settings will be restored to default. (Note that the restore to default operation will not change the time setting and the datas.)



8. Monitor Parameter Setting

8.1 How to enter the installation setting page



1. Select About item on setup page, press MENU Button to confirm

2. Press UNLOCK button and hold for 3s.

3. Use ▲ / ▼ Button to increase / decrease the value; use ► Button to select last/next digital. After inputting, press MENU Button to confirm

8.2 How to set the monitor as a Guard Monitor

A Monitor can be assigned as Guard Unit Monitor; when the Guard Unit Monitor answers the call, conversation with the guard person is started..

The code number of 8004 is used to set the monitor as a guard unit monitor and 8005 is used to cancel this function.

8.3 How to set the slave monitor address

Maximum 4 monitors can be connected in one apartment, one master monitor together with 3 slave monitors, so you should set the address correctly. (note: must have one monitor to be set as master monitor)

The code of 8000 is used to set the master monitor.

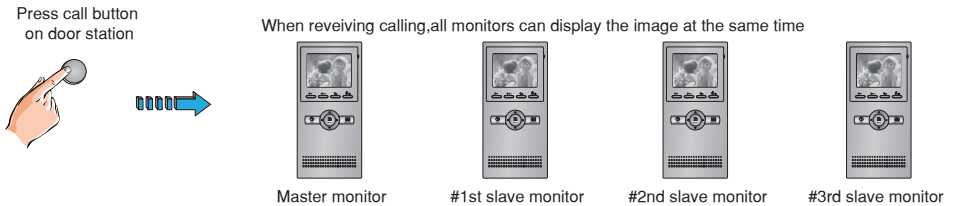
The code of 8001 is used to set the first slave monitor .

The code of 8002 is used to set the second slave monitor .

The code of 8003 is used to set the third slave monitor .

8.4 How to set the monitor panel on

In default mode,when receive a calling,the master and slave monitors will ring at the same time,and just the master monitor can display the image while the slave monitors can not. But the settings can be changed,you can set the master monitor and all the slave monitors to panel on at the same time when receiving a call, just input the code number of 8006 on each slave monitor.



8.5 How to set the unlock parameter

Unlock mode:

There are two unlock modes: 1.power-on-to-unlock type:unlock mode=0(by default)
2.power-off-to-unlock type:unlock mode=1.

The code number of 8010 is used to set the unlock mode to 0

The code number of 8011 is used to set the unlock mode to 1

Unlock time:

The unlock time can be changed by yourself at any time.it can be set from 1 to 9 seconds.

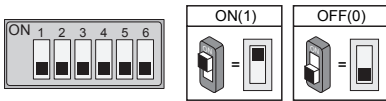
The code number from 8021 to 8029 are used to set the unlock time to 1~ 9 seconds.

8.6 User Code Setup

In the DT system, every apartment must have a unique identification called User Code. The DIP switches are used to configure the User Code for each Monitor.

- Bit-1 to Bit-5 are used to User Code setting. The value is from 1 to 32, which have 32 different codes for 32 apartments.
- When multi Monitors are installed in one apartment, these Monitors have to use the same User Code setting, and the Master/Slave mode should be set on the Monitor.
- Bit-6 is line terminal switch, which have to be set to ON if the Monitor is in the end of the line(bus), otherwise set to OFF. The end of the line is terminal that no other section will start from it.

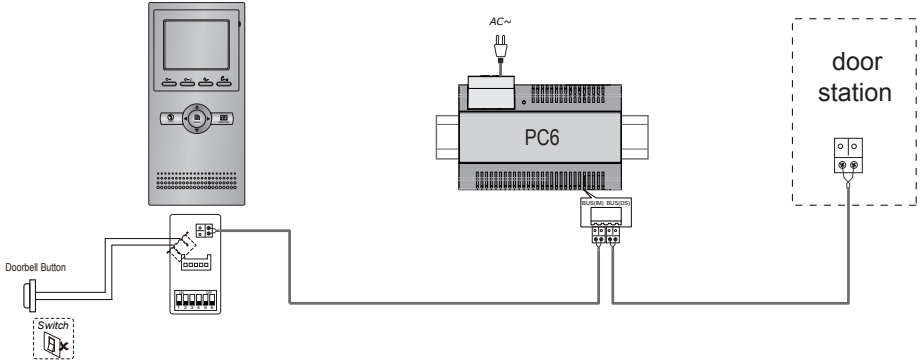
Bit*6 line terminal setting:



Bit state	Setting	Bit state	Setting
	Monitor not at the end of the line.		Monitor at the end of the line.

Bit state	User Code	Bit state	User Code	Bit state	User Code
	Code=1		Code=12		Code=23
	Code=2		Code=13		Code=24
	Code=3		Code=14		Code=25
	Code=4		Code=15		Code=26
	Code=5		Code=16		Code=27
	Code=6		Code=17		Code=28
	Code=7		Code=18		Code=29
	Code=8		Code=19		Code=30
	Code=9		Code=20		Code=31
	Code=10		Code=21		Code=32
	Code=11		Code=22		

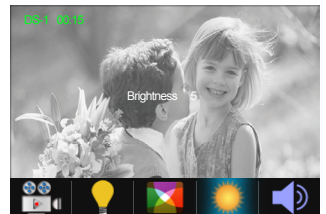
9. Basic Connection



10. Screen and Volume Adjustment

During monitoring or talking, press MENU Button, the *ADJUST MENU* will be displayed. Use ◀ / ▶ Button to select the adjustment item; use ▲ / ▼ Button to decrease / increase the value, press MENU Button to confirm.

1. The third item is Scene mode selection: Total 4 screen modes can be selected in sequence: *Normal*, *User*, *Soft* and *Bright*. Whenever you modify *Brightness* or *colour*, *Scene* item will be set to *User* mode automatically.
2. The *Brightness* and *Colour* item is for the image quality setting, adjust the value to get the best image you like.
3. The *Ring Volume* and *Talk Volume* items are ring tone and talking volume adjustment.
4. Note that all the modifications will be done immediately after the operation. Press ◀ / ▶ button to move leftmost or rightmost of menu to quit the adjust page.



11. Specifications

- Power supply for indoor monitor: DC 20~28V
- Power consumption: Standby 7.51mA; Working status 155mA
- Monitor screen: 3.5 Inch color LCD
- Display Resolutions: 320(R, G, B) x 240 pixels
- Video signal: 1Vp-p, 75Ω, CCIR standard
- Wiring: 2 wires, non-polarity
- Monitor time: 40 seconds
- Talking time: 90 seconds
- Dimensions: 220(H) × 105(W) × 20(D)mm

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