XtendLan

Video Intercom System

DPM-473M

User Manual

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2009-03-31 Tue.
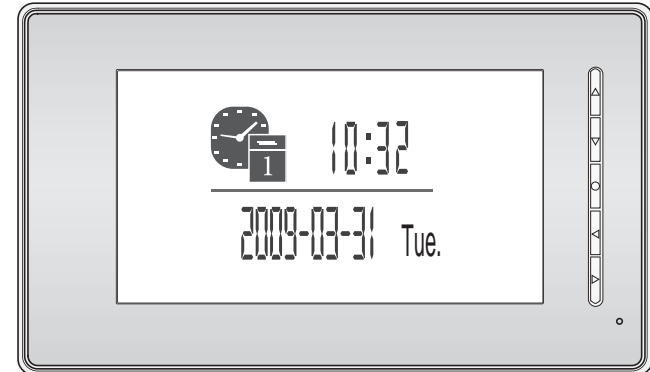
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CONTENT:

ⓘ **The model you purchased may not have all the functions mentioned here, but the operation is similar.**
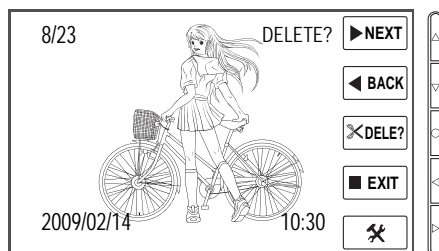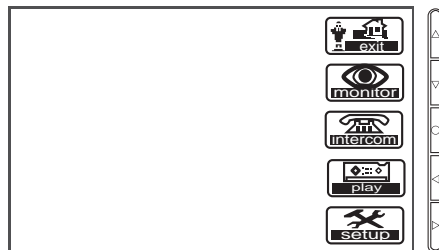
7. Precautions

● All parts should be protected from violence vibration. And not allow be impacting, knocking and dropping.

● For clean the Lens& Screen, using hands or wet cloth is forbidden.

● Please do the cleanness with soft cotton cloth, please do not use the organic or chemical clean impregnate. If necessary, please use a little pure water or dilute soap water to clean the dust.

● Image distortion may occur if the video door phone is mounted too close to magnetic field e. g. Microwaves, TV, computer etc.

● Please keep away the video door monitor from wet, high temperature, dust, and caustic and oxidation gas in order to avoid any unpredictable damage.
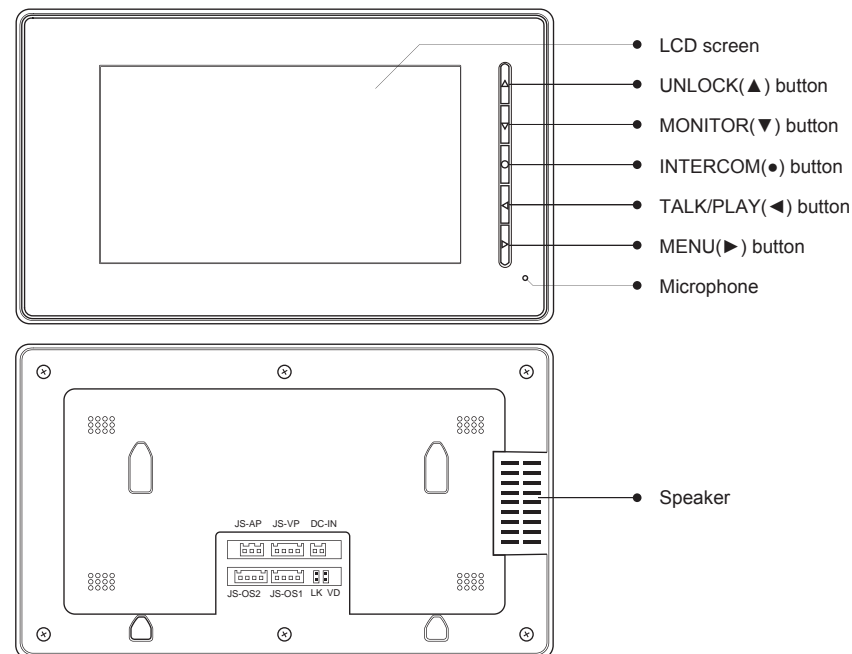
8. Specifications

● Power supply for indoor monitor: DC 15~18V (supplied by Adaptor)

● Power supply for Door Station: DC 10~12V (Supplied by Indoor Monitor)

● Audio Phone :   DC 10~12V (Supplied by Indoor Monitor)

● Power consumption: Standby 0.5W; Working status 15W (for kits)

● Monitor screen: 7 Inch color TFT-LCD

● Display Resolutions: 1,440(R, G, B) x 234 pixels

● Video signal: 1Vp-p, 75Ω, CCIR standard

● Pictures Memo Capacity: 127 PCS

● Connection mode: 4 wires, polar

● Monitor time: 30 seconds

● Talking time: 90 seconds

● Dimensions: 143(H)×242(W)×23(D) mm

6.6 Operation for Picture Memory

1. A picture will be recorded automatically by the monitor every time after 2 seconds the visitor pressed the call button on the Outdoor station. The image capacity is above 120 pcs, and the oldest one will be replaced if the memory is full.

2. Manually record: when the screen is turned on, in monitoring or talking state, press the (●) Button to record the current image.

3. Playback the pictures: During the standby, press TALK/PLAY (◄) Button to enter playback page. The latest picture will be show. Press the (▲)/(▼) Button to view forward / backward. Press (●) Button, a 'DELETE?' hint will show on the uper right of the screen, press (●) again to delete the current picture. Please note that the delete operation is irrepeatable.
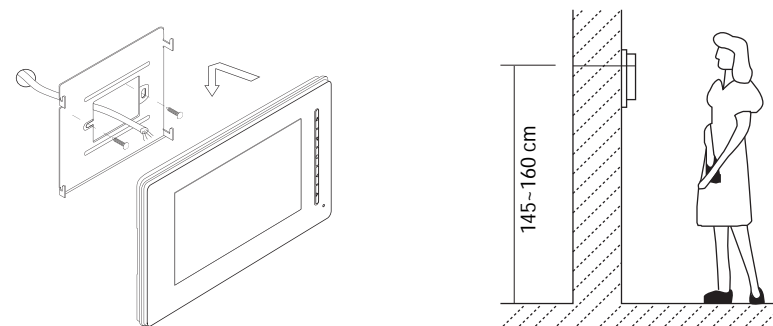
4. Press (◄) Button to exit.

1. Parts and Functions

- LCD screen
- UNLOCK(▲) button
- MONITOR(▼) button
- INTERCOM(●) button
- TALK/PLAY(◄) button
- MENU(►) button
- Microphone
- Speaker

JS-AP   JS-VP   DC-IN

JS-OS2   JS-OS1   LK VD

Dimensions: 143(H)×242(W)×23(D)

2. Mounting and Installation

145~160 cm

1. Use the screws to fix the Mounting Bracket on the wall. Or use a 86*86 cm mounting box.(fitting accesories includes a Bracket (Two 4X25 screws are needed for fastening the Mounting Bracket), Special 4 core 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. Standard System Wiring

Terminal Discriptions:

- **1R** Power positive. +12V present when Door Station calling or being monitored

- **2W** Power negative (GND)

- **3Y** Image signal (Video signal)

- **4B** Talk and control signal (Audio signal)

It's recommended to use RVVP 4x0.3mm2 Shielded Cable. And when distance is over 30m, we suggest to use additional co-axle cable SYV- 75-3 (RG-59) connect 3Y and 2W pin.
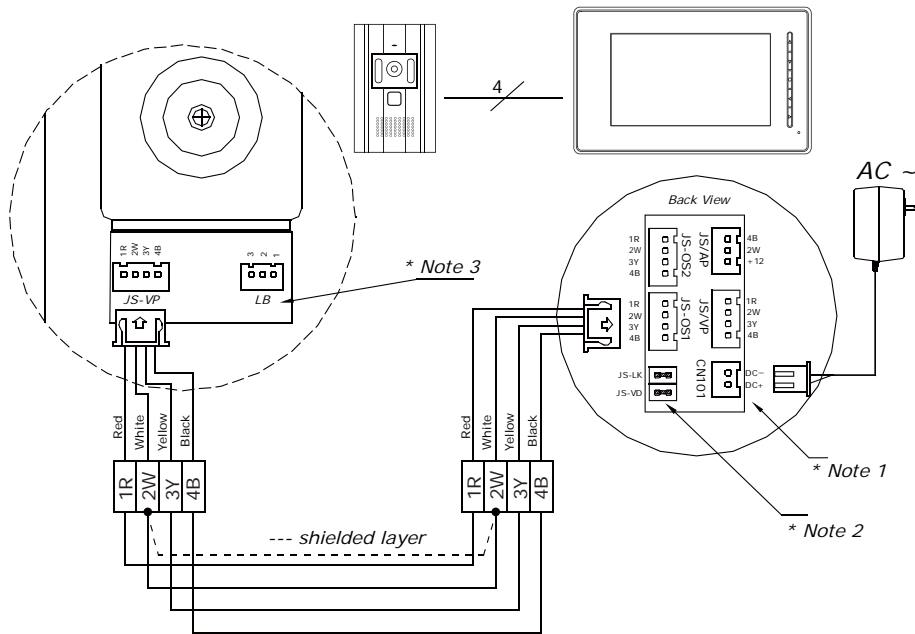
- **Note 1:** Plug the AC Adaptor to the AC power socket properly.

- **Note 2:** *JS-VD* is used for setting the video impedance. When there is only one Monitor, keep the jumper (which is already on *JS-VD*). But when multi Monitors are installed, be sure of taking away all *JS-VD* of Monitors except only the last Monitor. *JS-LK* is used for Lock selection, remove the jumper if use the Monitor power to supply the Lock. Refer to the Outdoor station manual.

- **Note 3:** *LB* includes 3 wiring Terminals: '1'-Normally Opened Terminal, '2'- Common Terminal, '3'- Normally Closed Terminal. If the Lock is activated when powering, connect it between '1' and '2' terminal; if the Lock is activated when power-off, connect it between '2' and '3' terminal.(refer to the Door Camera manual for lock connection)

6.5 Basic Setup Instructions

1. In standby state, press (▶) Button will show the date/time page. The first line show the current time, the second line shows the current date and weekday.(the date/time page will close in 1 munite if no operation).

2. Press the (▶) again to show the *Main menu*, then press (▲) to enter the *Setup* page.

3. The *Outdoor Tone* / *Intercom Tone* are for chord ring selection, you can set different rings to didentify the calling sources.

4. the *Monitor Time* item is to set the longest time you can monitor each time. Press the according Buttons to increase the value of item in turn.

5. Select *Advanced Set...* itme will open an other menu.

6. The *1/2 Camera* should be set to 2 if 2 Outdoor stations are to be installed.

7. *Date/Time Set...* item, the setting page will show as bellow. Press the (▲)/(▼) to change the current number, press (●) Button to confirm and switch to the next number; press (◀) to quit and exit.

8. INFORMATION...item will show the hardware version, software version, voltage information, manufacture date. Press (◀) in this page will load the default settings to the monitor.
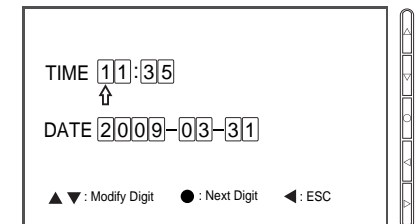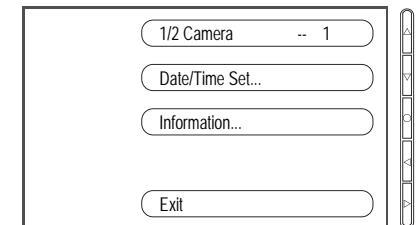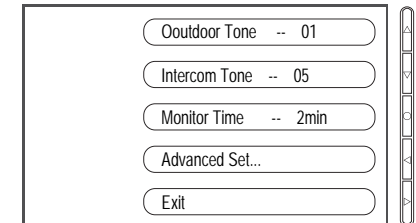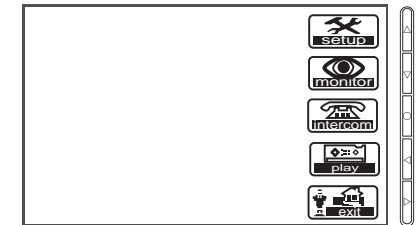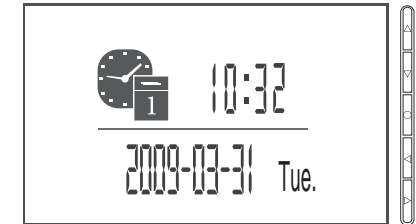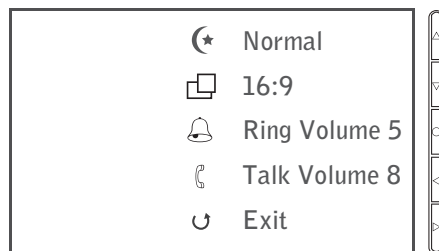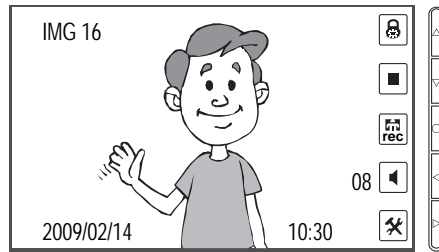
6.3 Intercom function(available when Multi Monitors installed)

1. Intercom can be initiated by any Monitor. Press INTERCOM (●) Button on one Monitor, the other Monitors will ring, and press INTERCOM (●) Button again to redial. If TALK/PLAY (◀) Button is pressed on any other Monitor, intercom talking is started.

2. During intercom, press MENU (▶) Button to cancel, or it will exit automatically after 30 seconds.

3. Intercom function is prior to monitor function, but calling function is always the first.
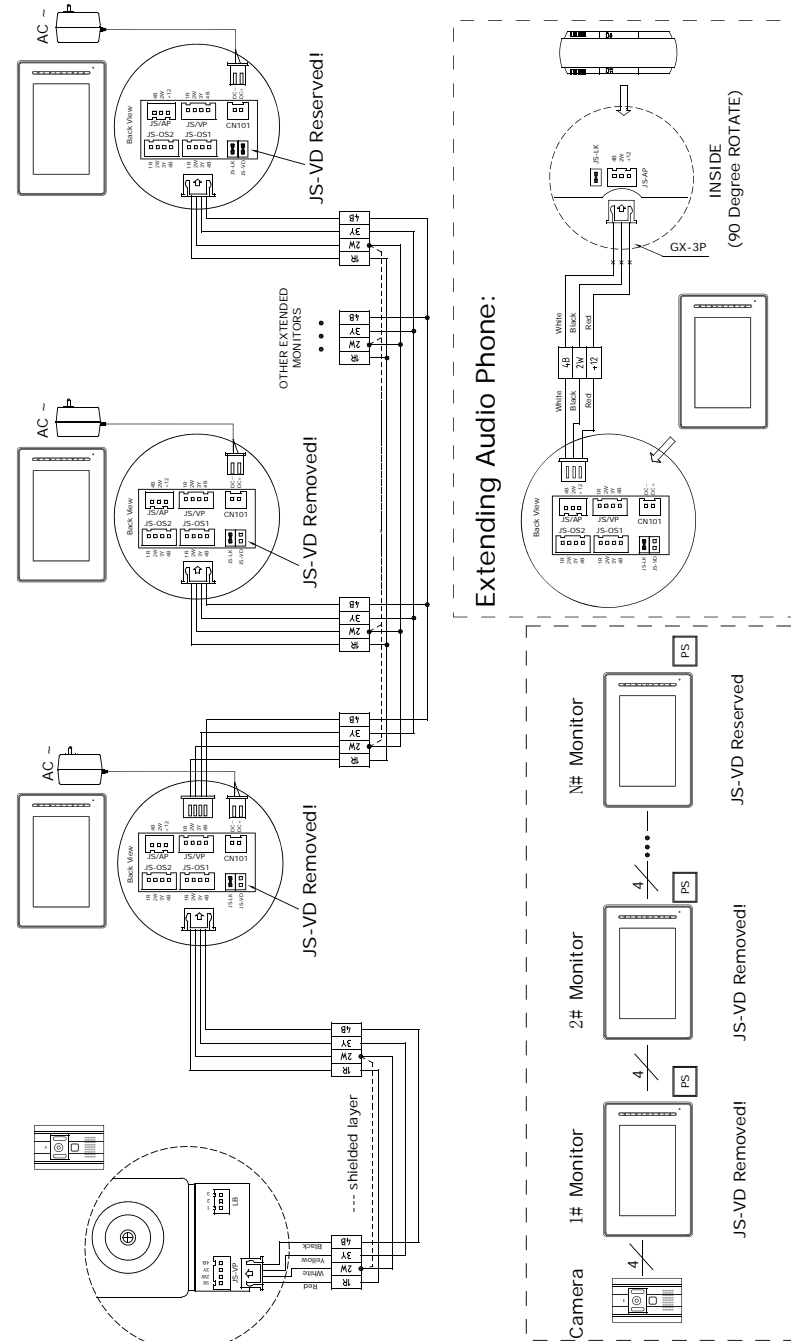

6.4 Image and Volume adjustments

1. During Monitor or Play state, press (▶), the *Adjust Menu* will be displayed.

2. There are 4 items can be set: *Scene Mode*, *Ratio* , *Ring Volume* and *Talk Volume*. Press the according Buttons to change the value of the item.

3. *Scene:* Total 4 Scene 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.

4. *Ratio:* can be shifted from 16:9 to 4:3.

5. The *Ring Volume* / *Talk Volume* item is for ring tone / talking volume adjustment.

6. All the modifications will be applied immediately after the operation. Press (▶) to exit.

4. Extending Monitors or Auido Phones

AC ~

JS-VD Reserved!

Back View

JS/AP JS/VP CN101
JS-OS2 JS-OS1

JS-VD Reserved!

OTHER EXTENDED MONITORS

AC ~

JS-VD Removed!

Back View

JS/AP JS/VP CN101
JS-OS2 JS-OS1

JS-VD Removed!

AC ~

JS-VD Removed!

Back View

JS/AP JS/VP CN101
JS-OS2 JS-OS1

JS-VD Removed!

2# Camera

1# Camera

2# Camera

Black
Yellow
White
Red

1# Camera

Black
Yellow
Red

N# Monitor — JS-VD Reserved

2# Monitor — JS-VD Removed!

1# Monitor — JS-VD Removed!

PS

NOTE: When connect two Outdoor Stations, 1/Camera item should be set to 2 on the FRIST Monitor. (Menu-setup-Advanced Set-1/2Camera)

2# Camera

1# Camera

6. Operation Instructions

6.1 Basic Functions

1. When visitor presses the Call Button on the Outdoor Station, the monitor rings, at the same time, the screen displays the visitor image, and the TALK LED will flush.

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2. Press TALK/PLAY (◄) Button, you can talk with the visitor for 90 seconds. During talking state, press TALK/PLAY (◄) Button again to end the conversation and the screen will be closed at the same time. If nobody answers the phone, the screen will be turned off automatically after 30 seconds. If the system connects two or more Monitors, when any Monitor starts to talk, the other Monitors will be automatically shut off.

3. When Monitor is standby, press MONITOR (▼) Button, the screen will display the view of the Outdoor Station. During monitoring state, press TALK/PLAY (◄) Button, you can talk with outside through the Outdoor Station, or press again to exit. However, monitoring state is limited to 30 seconds and will be shut off automatically.

4. A picture will be record automatically 2 seconds after the visitor called on the Outdoor station.

5. Press UNLOCK (▲) Button to release the Electronic Latch during monitoring or talking.

6. During the monitoring, press the INTERCOM (●) Button to record the picture.

7. During the monitoring, press MENU (▶) Button will show the screen settings.

8. During the monitoring, press MONITOR (▼) Button will close the screen and exit out.
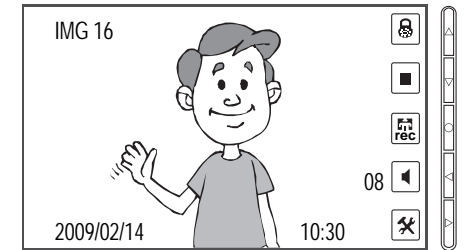
6.2 Operation for Multi Outdoor Stations(if installed)

1. Two Outdoor station can be connected to the Monitor directly. If there is only one Outdoor station to be install, the Outdoor station must connect to the 1st Outdoor station Port.

2. All Monitors can monitor on each Outdoor Station in turn. Press MONITOR (▼) Buttonin standby, the image of the 1st Door Station will be displayed firstly. Press TALK/PLAY (◄) Button to talk, press MONITOR (▼) Button to switch to the next Outdoor Station etc.

3. If two Outdoor stations have been installed, the *1/2 Camera* item should be set to 2 in the *Setup* --> *Advanced Set* submenu. (set to 1 if only one Outdoor station installed)