LLVILLA

Cronus Video Door Phone

4-wire series

1
2
3
4
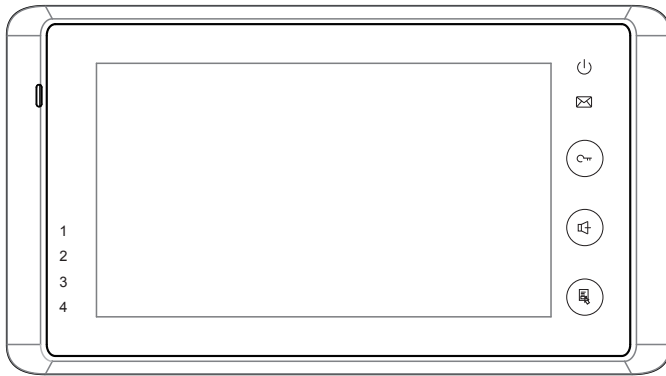
Contents

1. Parts and Functions

Microphone

Digital TFT LCD Screen
Indicator 1
Indicator 2
UNLOCK Button
TALK/MON Button
MENU Button

Speaker

Mounting Hook

Connection Port
Mounting Hook

SD card slot

Key functions

LCD screen	Display the visitors' image
Indicator 1	Shows the power status of monitor
Indicator 2	Lights up when there are new pictures to be viewed
Unlock button	Press to release the lock
Talk/Mon button	Press to communicate with visitor Press to view outside at any time (even with no visitor) Press to turn off staircase light (refer to part 3)
Menu button	Press twice to access the menu
Microphone	For communicating with the visitor
Mounting hook	Use to hang the monitor
Connection port	Bus terminal
Speaker	Audio from the doorbell(s)

2. Monitor Mounting
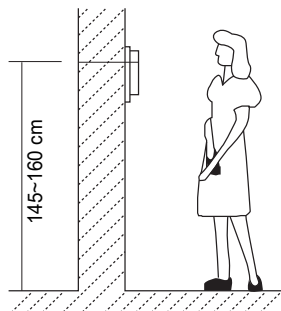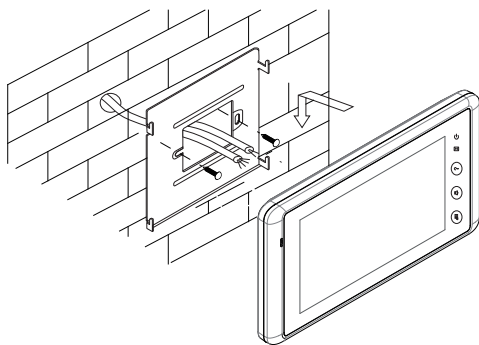
Mounting kit:
1) Mounting Bracket.
2) Two 4x25mm screws.
Installation:
■ Average installation height for indoor monitor 145- 160cm (refer to sketch map).
■ Attach the screws to the wall to fix the mounting bracket.
■ Hang the monitor firmly on the bracket.
■ Refer to the system connection section of this manual for correct wiring.

3. Main Menu

The Main Menu is your starting point for using all the applications on your monitor.
To open the Main Menu page, tap either " 📖 Menu" key twice on the monitor or touch the screen anywhere twice.
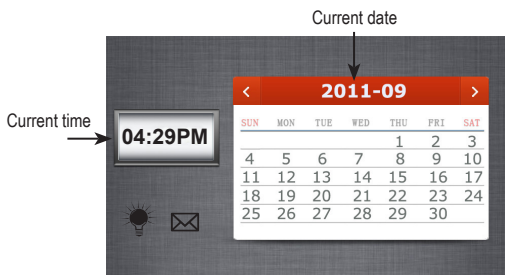
☀ :This icon will be displayed when the staircase light item is light on if the system connects RLC module which controls a light. Otherwise,it won't be displayed. Touching this icon or pressing 🗩TALK/MON button can turn off the light.
✉ :This icon will be displayed when recorded pictures have not been viewed,touch this icon for viewing recorded pictures.

4. System Wiring

Terminal Description
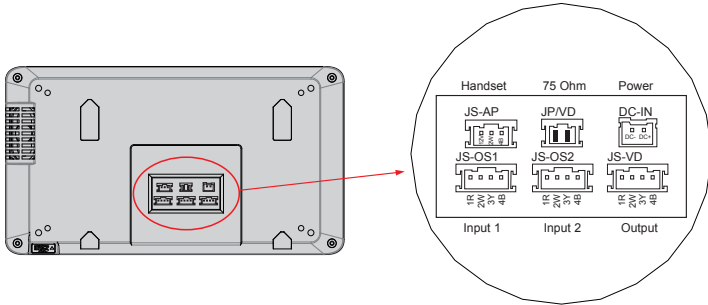
1) DC-IN: Power supply connection port
2) JP/VD: JP/VD is used for setting the video impedance.
3) JS-AP: Audio phone or RLC module connection port
4) JS-OS1: The first doorbell connection port
5) JS-OS2: The second doorbell connection port
6) JS/VD: Extended slave monitor connection port

Basic 1-1 Connection

Connecting Multiple Monitors

User code=N(N≤5)

AC ~

Reserve

Back View

JS-AP JP/VD DC-IN
JS-OS1 JS-OS2 JS-VD

4B
3Y
2W
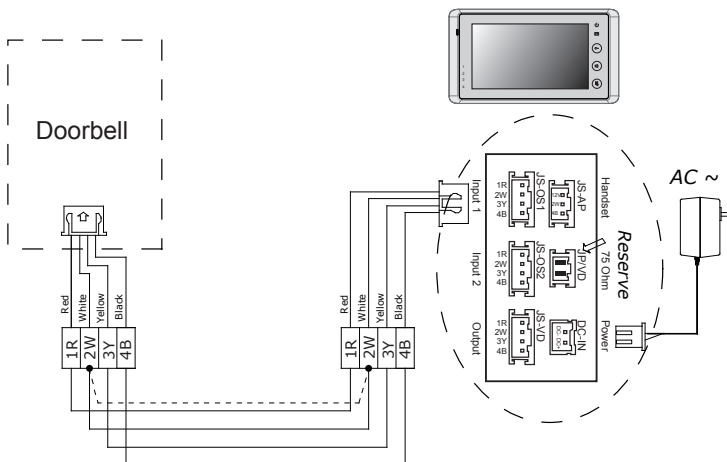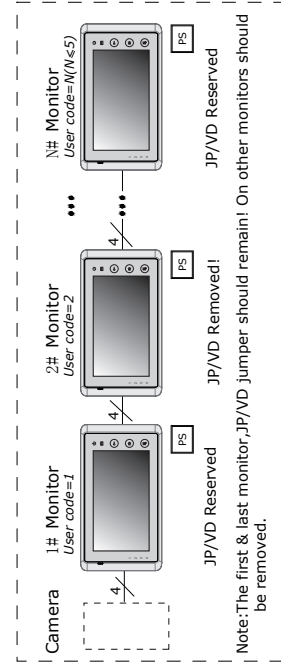1R

User code=2

AC ~

Remove

Back View

JS-AP JP/VD DC-IN
JS-OS1 JS-OS2 JS-VD

4B
3Y
2W
1R

User code=1

AC ~

Reserve

Back View

JS-AP JP/VD DC-IN
JS-OS1 JS-OS2 JS-VD

4B
3Y
2W
1R

4B
3Y
2W
1R

4B
3Y
2W
1R

Door station

Red
White
Yellow
Black

4B
3Y
2W
1R

Extending Audio Phone：

INSIDE
(90 Degree ROTATE)

JS-LK JS-AP

GX-3P

White
Black
Red

+12
2W
4B

White
Black
Red

Back View

JS-AP JP/VD DC-IN
JS-OS1 JS-OS2 JS-VD

Camera

1# Monitor
User code=1

PS

JP/VD Reserved

2# Monitor
User code=2

PS

JP/VD Removed!

N# Monitor
User code=N(N≤5)

PS

JP/VD Reserved

Note:The first & last monitor,JP/VD jumper should remain! On other monitors should
be removed.

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Connecting 2 Doorbells

NOTE:
1. First & last monitor JP/VD jumpers should remain. Others monitors, remove jumper.
2. When connecting two Outdoor Stations, 2 Way Input item should be set to 1 on the 1# Monitor. (Main Menu-User Setup-Installer Setup-2 Way Input).

Extending Multi Door Stations with MDS 4-way switch

Please refer to MDS user manual for more information.

Note: First & last monitor, JP/VD jumper should remain. Others monitors, remove the jumper.

5. Basic Door Release Operation

Answering a Door Call

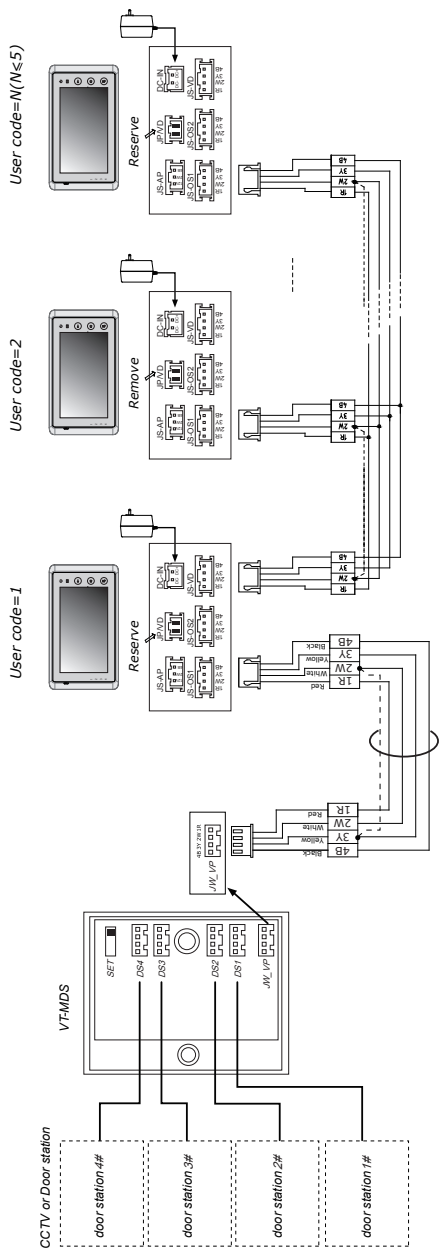1. Press the **CALL** button on door station.

2. The monitor rings,and the visitor's image will be seen on screen.
   Note: the screen turns off after 30 seconds(default) if nobody answers.

3. Press either **TALK/MON** Button on monitor or touch 📞 **Talk** icon on screen, you can communicate hands free with the visitor for 90 seconds(default).After finishing communication,press **TALK/MON** button or touch 📞 **Talk** icon again to end the communication. If the system has two or more monitors, when you answer from any monitor, the others will automatically shut off.

Status bar

► 1. Shows the current doorbell you are viewing
► 2. Shows countdown to end of call
► 3. If the monitor is set to silent mode, this icon will be shown
► 4. If the RLC module is connected (which controls a light), and the **Staircase Light** item is set to 1 or 2 (refer to part 9->**Staircase Light**), this icon will be shown when receiving a call.

Door Release

During talking state, Press **UNLOCK** Button or touch 🔒 **Unlock1** icon to release the door for the visitor.(*Note: if the system is connected* **RLC** *module which controls a lock, touch* 🔒 **Unlock2** *icon to release the second lock connected to RLC,for more information,please refer to RLC user manual.*)

Entrance Monitoring

When the monitor is in standby mode, press **TALK/MON** Button(or touch **Monitor ...** item on main menu page), The screen can display the view of outside. If multiple doorbells are in use, touch 📷 **Select** icon to get into the camera switch mode(or directly touch 📷 **Manual Monitor** item on main menu page). Select door 1/2/3/4 to monitor the doorbell or CCTV camera. See the following diagrams.
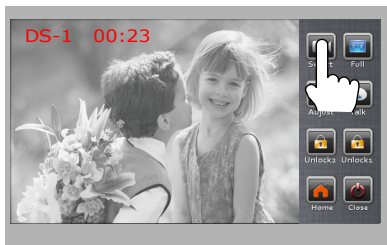
Note:

If the system utilizes the QSW module, video quad split monitor is available, see the diagram on right. For more information, please refer to the QSW user manual.

6. Intercom Function

Intercom can be initiated by any Monitor. Touch **Intercom** or **Inner Call** item on main menu page. Intercom function is activated when multiple monitors are installed.

Intercom: press **Intercom** icon on any monitor to enter selective intercom page, see the diagram on right. Select a monitor,then press **Dial Number** icon to call. If the selected monitor answers the call,intercom chat starts.

Inner Call: press **Inner Call** icon on any monitor to enter selective intercom page, see the diagram on right. All monitors will ring at the same time,whichever monitor answers the call, intercom chat starts. The other monitors will stop ringing .

► " ❗ " means the current operating monitor.
► " ♪ " means the selected calling monitor.
► Each monitor is assigned a unique user code
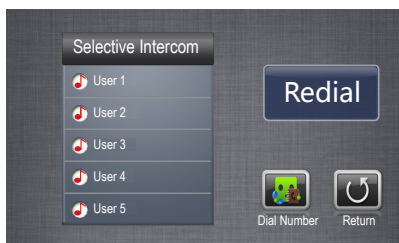
7. Star Connection with BDU module

Please refer to BDU user manual for more information.
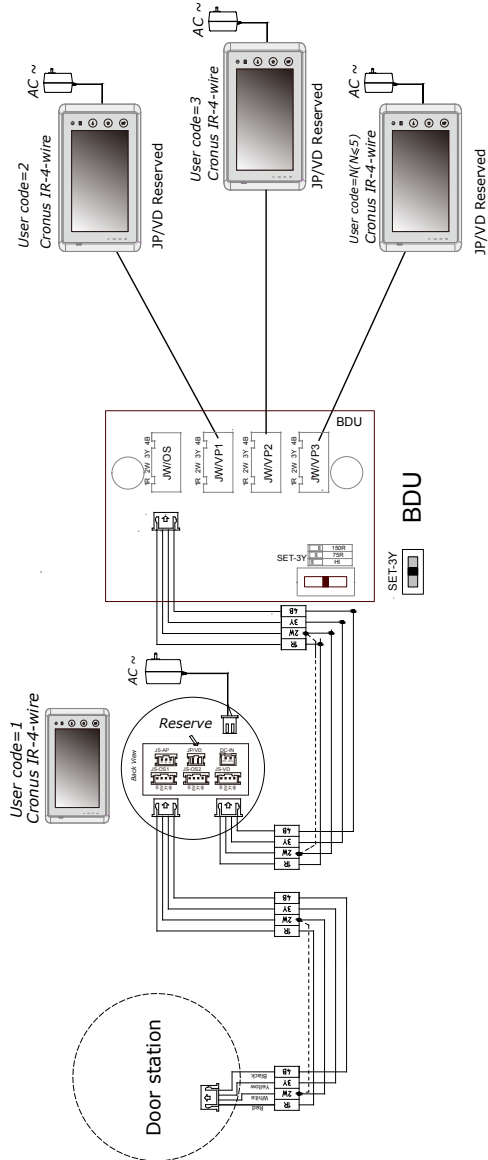
Touch **Memory Playback** icon on main menu page (SD version of monitor only).

► 4 pictures will be displayed in each memo.
► The newest pictures will be displayed first.
► When the built-in memory is full (max. 800 pictures), the oldest picture will be deleted to make room for new record. Save over 30.000 pictures with extra 2GB SD card.
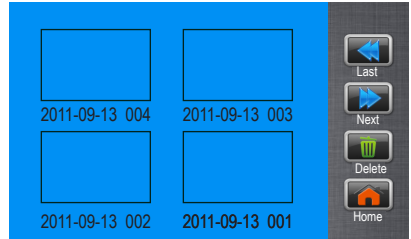
About Picture Memory Recording

You can setup Memory Options to choose 1/4/8 pictures memo. If you choose 4/8, 4/8 shots of each call from doorbell are taken, one every1.5 seconds.Please refer to part 9->Picture Memory.

8. PhotoFrame Album Playback (for SD card version only)

Touch **Album** on main menu page to play photos(SD card must be in).it can be played automatically or manually by using your fingers to slide right or left on screen to play last or next photo. To finish the album playing,please touch the screen and hold for 2 seconds or touch " 🔍 Menu" key.

Playing time setting

You can set the maximum Photo Frame album playing time, range from 1~999 minutes. Please refer to part 9->Album Playback.

Date and Time Setting

There are two formats for date and time display, refer to part 9->date/time format. Touch **User Setup** ->>**Calendar**. Use "cancel" key to select the setting item. After finishing, touch "save" key to save settings.
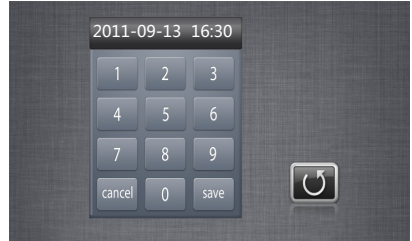
Day Time Setting

The day time setting is used to distinguish the day ring volume and night ring volume. 07:00 AM~18:00 PM is the default day time .Touch **User Setup** ->>**Day Time**. Use "cancel" key to select the setting item. After finishing, touch "save" key to perform the setting.
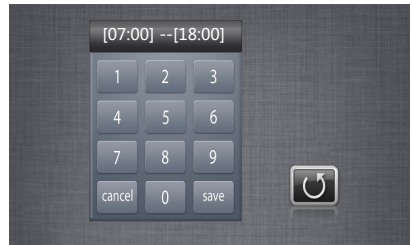
Restore to Default

Touch **User Setup** ->> *Restore to default* ,a message will be asked to confirm the restore operation. Touch *Restore to default* icon again and all settings will be restored to default (except **Calendar**)**.**

Screen Setting

During monitoring or talking state, touch **Adjust** icon,the Adjust page will be displayed.
The first item is **Scene** mode selection: Total 4 screen modes can be selected in sequence: **Normal, User, Soft and Bright**.
The **Brightness** and **Color** item is for the image quality setting.
The **Talk Volume** item is for talking volume adjustment.

9. Basic Setup Instructions

Ring Tone Settings

Touch **User Setup** item to enter setup page. Select **Master Call Tone**, **Slaver Call Tone** or **Intercom Call Tone** item, There are 12 ring tones can be selected. Touch a ring tone you want, then touch icon to save settings or touch icon to exit.

Master Call Tone: set the ring tone for First doorbell.
Slaver Call Tone: set the ring tone for additional doorbells (2/3/4).
Intercom Call Tone: set the ring tone for Intercom between monitors.

Ring Volume and Night Ring Volume Setting

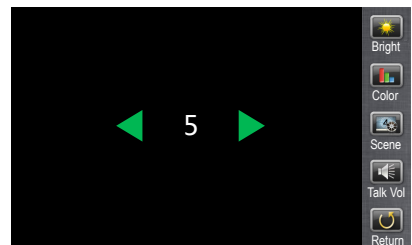You can set a ring volume for day time and night time individually, 07:00 AM~18:00 PM is the day time by default, but the day time can be modified at any time by yourself(refer to Day time setting section for more information).

Touch **User Setup** icon on main menu page to enter setup page,select **Ring Volume** or **Night Ring Volume** to set a appropriate value. If you don't want to be disturbed at night,you can set the night ring volume to 0.

Monitor Time Setting

Touch **User Setup** ->>**Monitor Time**. A digital keypad will be shown on screen, input the monitoring time by touching the digital keypad,range from 00:30 ~ 59:59. Set time and touch "save" key. touch icon to return last page.
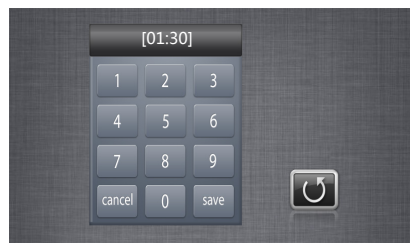
10. Installer Setup Instructions

Touch **User Setup** ->>**Installer Setup,** enter password (2412 > "save") to enter the menu.There is a total of 16 options which can be modified. Input the corresponding value by touching the digital keypad to modify the setting. Then either save or cancel.

Item	Description	Default value
Time Format	2 formats can be selected.[0]:24 hours format;[1]:12 hours format.	0
Date Format	2 formats can be selected.[0]:day/month/year format;[1]:month/day/year format.	0
Language	[English only supported. Cannot be changed]	one
User Code	Used to set the monitor code,[1]:master monitor;[2] the first slave monitor;[3]the second slave monitor;[4] the third slave monitor;[5] the fourth slave monitor	1
2 Way Input	If two doorbells are connected, please set this option to 1(on); otherwise, set to 0(off). Refer to part 4 (system wiring->extending 2 doorbells)	0
Unlock Time	Range from 0~9s.	3s
Unlock Auto	Range from 0~9s, the monitor will shut off after releasing the door.	0
Calling Tims	The first value is calling waiting time. The second value is talking time. The setting range for these two values are from 03-60. Please note that the calling time is setting value multiplied by ten. For example, the setting value is 03, the calling time is 30s.	calling waiting time:30s talking time:90s

Item	Description	Default value
Remote Control	Used to add the remote control or delete remote control,[0]:delete remote control;[1]:add remote control.	0
Staircase Light	Staircase light.[0]: don't turn light on when receive calls;[1]:light on at night only when receive calls;[2]light on at any time when receive calls. Note that this parameter should be set on master monitor (user code=1), for slave monitors this settings is invalid.	0
BDU installed	Range from 0~1. When the system has a BDU module, this item must set to 1.	0
Picture Memory	Set the numbers for number of captured pictures per call:1/4/8 can be chosen. Note that this item should be set on master monitor (user code=1). On slave monitors this function is invalid.	1
Album Playback	Set the playing time for album, range from1~999 minutes	10 mins
Recover Settings...	Restore parameter settings to a default. Touch **Recover Settings** icon,the prompt "Y/N" will be asked,touch **Recover Settings** icon again,restore setting will be performed immediately. Please note that the settings recovery will not change time format, date format and user code item.	–
Online Search...	Search the devices connected to the system	–
Back	Return last page	–

11. Monitor Advanced Setting

Touch "**About**" button on main menu page,the monitor current parameters will be shown on screen,press ⌕ **Unlock** button and hold for 3s,a digital keypad will be shown,input the code number by touching the keypad, touch "cancel" button to cancel, touch "save" button to confirm the settings.

Item	Code	Description	Default value
Volume setting	8800~8899	Set the volume for intercom talking, including the microphone and speaker, the larger you set, the quieter it will be.	8800
	8900~8999	Set the talking volume with outdoor station, including the microphone and loud speaker, the larger you set, the quieter it will be.	8900
Logo status setting	8630	There is not any logo to display when monitor Shuts off.	8630
	8631	Input this code number to display the logo when monitor shuts off.	
Factory setting	2412	Restore to factory setting, including user setup, installer setup, and format pictures.	–
Initialization setting	2499	Restore to initialization setting, including user and installer setup, format pictures, logo status, volume setting.	–
Reserve	6789	Reserve	–
NTSC/PAL setting	8500~8502	There are three setting modes: 8500(Auto identification mode);8501(PAL standard mode;8502(NTSC standard) mode	8500

12. **Specification**

- Power Supply: DC16-24V
- Power Consumption: standby 1.2W,working 8W
- Monitor Screen: 7 inch digital TFT
- Display Resolution: 800*3(RGB)*480 pixels
- Built-in Memory: 120 MB
- Picture Memo: 800pcs (internal memory),
                              >30000pcs (2G SD card)
- Wiring: 4 wires, polarity
- Monitor time: 30 seconds(default)
- Talking time: 90 seconds(default)
- Dimensions: 125(H)×225(W)×23(D)mm

WARRANTY CARD

NB Please keep this document safe, as it is proof of your Warranty

Your Video door system comes with a one year Manufacturers Warranty. When used normally, the following services are offered:

1. Replacement for malfunctioning parts in first three months
2. Repair free of charge for malfunctioning parts in first year

The following actions will void the Warranty:

1. Damage to the device during installation
2. Damage to the device through misuse
3. Opening and/or disassembling the device
4. Attempting to force the device to perform functions for which it is not intended
5. Attaching the device to power supplies other than thoserecommended by the manufacturer

Distributor for Warranty purposes:

Intelligent Home Online Ltd

62 Hartley Old Road

Purley, Surrey

CR8 4HJ

+44 (0)20 86170015

www.intelligenthomeonline.com

Product:_____

Purchaser Name: _____

Invoice N: _____

Purchase Date_____

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