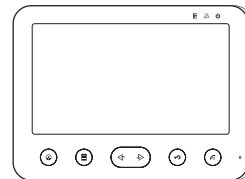


X2 VIDEO 2-WIRE ROOM STATION 7" COLOR TFT

Designed & Manufactured to
meet Australian specifications



X2-VIDEO-200
X2-VIDEO-201 (Memory)

**X2
VIDEO**
x2security.com



Product Introduction	3	9.4 Unlock Time	15
Parts and Features	4	9.5 CCTV Surveillance Period	15
Menu Function	6	9.6 Extension Switch Time	16
Main Menu Interface	6	10. System Setup	17
Function Setup	7	10.1 2 nd Door Calling/Pedal Control For Talk	17
System Setup	8	10.2 Room Number Setup	18
Image Memory Menu	8	10.3 Ringtone Setup	19
Help Menu	9	10.4 Time Setup	21
Operation	10	10.5 Reset	21
1.ON/OFF	10	10.6 Language Setup	22
2.Call Remind	10	11. Image Memory Interface	22
3.Talk/Stop	10	11.1 Review Picture	23
3.1 Call Transfer To Talk	10	11.2 Delete Picture	23
3.2 Monitor Transfer To Talk	10	11.3 Take Photo	24
3.3 Standby Transfer To Talk	11	12. Image Adjustment	24
3.4 Transfer Call	11	12.1 Brightness	24
3.5 Hang up	11	12.2 Contrast	25
4. Monitor Door Station/CCTV Camera	11	12.3 Color	25
4.1 Monitor Door Station	11	12.4 Picture Effect	25
4.2 Monitor CCTV Camera	12	13. Busy Status	26
5. Unlock	12	14. Automatically Setup Room Number	26
6. Intercommunication	12	15. Outdoor station alarm	27
7. Talk Volume Adjustment	13	16. Alarm Guide	27
8. Extension Switch	13	16.1 Room Number Conflict Alarm	27
9. Function Setup	13	16.2 Communication Trouble Alarm	27
9.1 Away Setup	14	LED/Voice Status Introduction	28
9.2 Mute Setup	14	Trouble Shooting Guide	29
9.3 Keytone	14	Specifications	30

Thank you for purchasing the X2 Video intercom. Please read instructions carefully and follow directions before installing products. Any problems regarding this product, please contact your supplier.

General features

- Multiple ring tones
- Door/Gate Release Feature
- Brightness, Color and Contrast adjustment
- Talk/Ringtone volume adjustment
- Do Not Disturb (mute) feature
- 2nd door calling/Pedal control for talk (Option)
- Hands free communication
- Touch button
- 2 way CCTV camera connection (Optional)
- Max. to 4 room stations connection with intercommunication and call transfer function
- Record colour image, max. to 100pcs photo.
- Time display
- Extension switch function



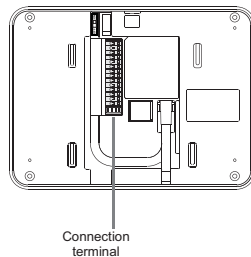
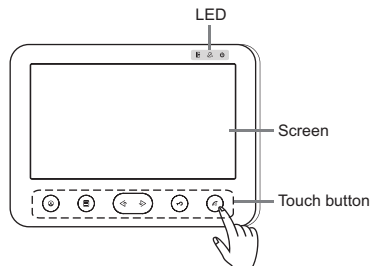
CAUTION: To avoid the risk of electric shock, please don't remove cover or back.
Please seek professional advice.



Important operation and maintenance guidelines are included in the attached user's manual.

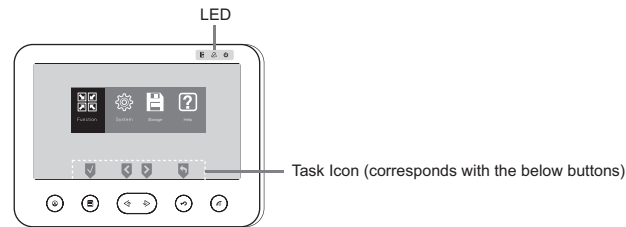
NOTE

*The manufacturer holds the right to change or modify designs and specifications without any prior notice, for the improvement and promotion of the product quality.




NOTE



- 1.The button function of X2-VIDEO-200 and X2-VIDEO-201 Series are corresponding.
2. Touch the centre of button to operate the unit (as the finger indicates).



LED	Touch button	Task Icon	
Away	Monitor	Confirm	Volume Adjustment
Mute	Menu/Confirm	Left	Mute
Power	Left/Up/Away	Right	Take Photo
	Right/Down/Mute	Up	Review Picture
	Unlock/Return	Down	Select Menu
	Talk/Stop/Power	Return	
		Delete	

Main menu

Under standby mode, touch  then the unit enters into main menu interface.

Exit main menu: touch  / 

Note: During operation, power LED  keeps lighting.



Function

Function Setup (Main function)



System

System Setup (2nd door calling, pedal control for talk, room number setup, ringtone, time setup)



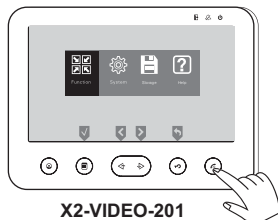
Storage

Image Memory (Review/Delete picture)(Only available for 201)

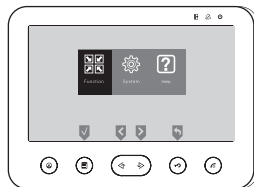


Help

Help Menu (TFT screen version number, MCU, function of shortcut key)






X2-VIDEO-201



X2-VIDEO-200







Function Setup

Under main menu interface, touch   choose the “FUNCTION SET” item, then touch  to enter into function setup interface.











AWAY	SET	OFF
MUTE	SET	ON
KEY	SOUND	3S
OPEN	TIME	
CCTV	TIME	MANUAL
AUX.	TIME	3S




AWAY	SET	Away setting (Only available for W100)
MUTE	SET	Do Not Disturb (mute) Setup
KEY	SET	Keytone Setup
OPEN	TIME	Unlock Time Setup
CCTV	TIME	CCTV Surveillance Period Setup
AUX.	TIME	Extension switch time setup

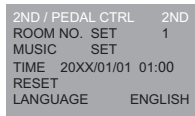
-  -Enter into main menu
-  -Operation confirm
-  -Return to previous menu
-  -Exit the menu
-  -Left/Up select
-  -Right/Down select

For example:

Under main menu interface, touch  to enter into function setup interface. Select “MUTE” item by touching   Touch  you are able to see the options “ON/OFF”, choose “ON” by touching   Touch  to confirm operation. Now the unit is under mute mode,  LED keeps lighting.




System setup

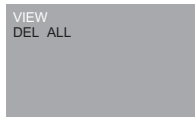
Under main menu interface, touch   to choose the “SYSTEM SET” item, then touch  to enter into system setup interface.



2ND / PEDAL CTRL	2 nd Door Calling / Pedal Control for Talk Setup
ROOM NO. SET	Room Number Setup
MUSIC SET	Ringtone Setup
TIME 20XX/01/01 01:00	Time Setup
RESET	Reset
LANGUAGE	Language Setup




Image Memory Interface (X2-VIDEO-201)

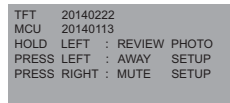
Under main menu interface, touch   choose the “STORAGE SET” item, then touch  to enter into image memory interface.






VIEW	Review/Delete Picture
DEL ALL	Delete All Pictures

Help Menu





Under main menu interface, touch   choose the “HELP SET” item, then touch  to enter into Help Menu.



TFT	TFT Screen Version Number
MCU	MCU Version Number
HOLD LEFT	Under standby mode, touch and hold  button to review pictures.
PRESS LEFT	Under standby mode, touch  button to setup away mode.
PRESS RIGHT	Under standby mode, touch  button to setup mute mode.


Note: The menu is only display the help information, you cannot directly operate the functions in this interface.

1. ON / OFF

- After connecting the power supply, the unit will sound "DI" with LED flashes, then power LED  turns red, which means the unit is powering on and in standby mode.
- Under standby mode, touch and hold , until it sounds "DI", then power LED  turns off, which means the unit is under off mode.
Under off mode, touch  to directly enter into standby mode.

Note: No sound when you have setup the mute mode.


2. Call Remind

- When the door station calls in, room station screen will display its image automatically.
- When the room station is talking with door station, and another door station calls, the screen will display  Icon and no ringing.

3. Talk / Stop

3.1 Call Transfer To Talk

When the door station rings, touch  to start talk.

3.2 When the room station is in monitor mode, touch  to start talk.




Note: Refer to operation 4.1 for Monitor operation.

3.3 Standby Transfer To Talk


Under standby mode, touch  to start talk with Door 1.

If only door 2 connected with, touch  to start talk with door 2 directly.

3.4 Transfer Call


When the room station is talking with the door station, touch and hold  to choose room number you need to transfer the call, then touch  to transfer call. Now the second room station sounds the ring, touch  to start talk. Other room stations enter into busy mode.

3.5 Hang up


Under talk mode, touch  to exit talk. Or you can wait 90secs, it will automatically exit.

4. Monitor



4.1 Monitor Door Station

Under standby mode, touch  to switch monitoring between door1/door2/exit. If no 2nd door is connected, it will exit directly.


4.2 Monitor CCTV Camera (Optional)

Under standby mode, touch and hold  to monitor CCTV1. The monitoring channel would be CCTV1/CCTV2/CCTV1 when you repeatedly touch the button.







Note: 1. Refer to Operation 9.5 for CCTV surveillance period.


2. Under monitor mode, the  icon indicates to take photo,  icon indicates to review picture. The function is invalid.

5.Unlock


When the room station is talking with door station, touch  to open the door.
(Refer to Operation 9.4 for unlock time.)

6.Intercommunication



When monitor A wants to call monitor B, touch and hold  and the screen will display the room number (repeatedly touch  or  /  to choose monitor B number), then touch  to call. Touch  to exit if call failure.

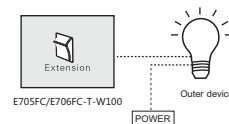
Note: When you see the room number on the screen after touching  you only have 10secs to operate the next step, or the unit will go back to the standby mode automatically.

7.Talk Volume Adjustment

During talk, touch  to adjust the talk volume and save automatically, which has 9 levels of adjustment.



8.Extension Switch

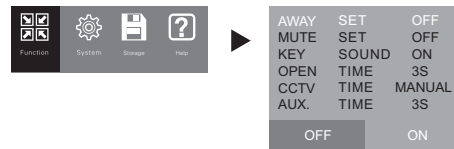
Under standby mode, touch and hold  until the unit sounds “DI”, meanwhile mute LED  flashes, it means the extension switch is triggered. The switch will be automatically turned off after the setting time.






Note: 1. You need to connect with an external device to achieve the extension switch function.
2. Refer to Operation 9.6 for extension switch time.

9.Function Setup

Under the main menu interface, touch  /  to choose FUNCTION, then touch  to enter into function setup interface.






9.1 Away Setup (Only available for X2-VIDEO-201)

Under function setup interface, choose the “AWAY SET” item by touching  then touch   to turn ON/OFF away mode.

Note: Under away mode,  keeps lighting. When the door station rings, the unit will automatically record one picture if nobody answer the call after 5s.

9.2 Mute Setup

Under function setup interface, choose the “MUTE SET” item by touching , then touch   to turn ON/OFF mute mode.

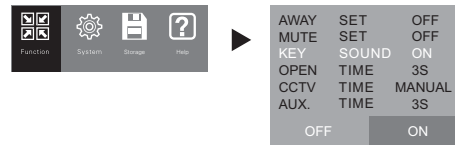


Note: Under mute mode,  LED keeps lighting. When door station rings, the unit will not sound the ring.




9.3 Keytone

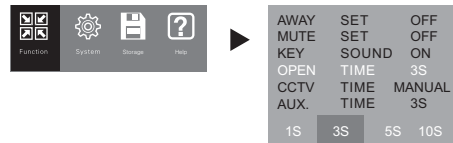
Under function setup interface, choose the “KEY SOUND” item by touching , then touch  

to turn ON/OFF keytone.







9.4 Unlock Time

Under function setup interface, choose the “OPEN TIME” item by touching  then touch   to setup the unlock time between 1/3/5/10secs. The unit is defaulted to 3s.






9.5 CCTV Surveillance Duration (Optional)

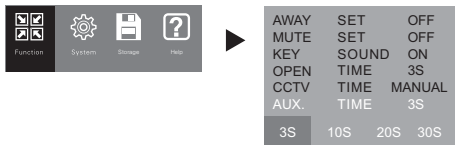
Under function setup interface, choose the “CCTV TIME” item by touching , then touch   to setup, the monitoring period of CCTV camera between manually off, 10M and 12H, and save by touch .






Note: Please stop monitoring CCTV camera within 24h when you setup the item manually off.

9.6 Extension Switch Time

Under function setup interface, choose the “AUX. TIME” item by touching , then touch   to setup the extension time between 3/10/20/30s. The unit is defaulted to 3s.




10. System Setup

Under main menu interface, touch   choose SYSTEM, then touch to  enter into system setup interface.



10.1 2nd Door Calling / Pedal Control for Talk (Optional)


2nd calling and pedal activity follows the outer switch.

Under system setup interface, choose 2ND/PEDAL CTRL, touch  to confirm, then you are able to choose turn on 2nd door calling or pedal control for talk.

Note: 1. The 2nd door calling and pedal control for talk function cannot be opened at the same time.

2. The factory setting is defaulted to turn on 2nd door calling function. But you need to connect with a Calling switch to reach this function.

When you turn on 2nd door calling mode

1. When the room station is under standby mode, it will sound the ring tone when 2nd door calls.
2. When the room station is under talk or monitor mode, it will not sound the ring tone but with 

icon




Calling from 1st door (the outdoor unit)

Calling from 2nd door (equipped with the calling device)

When you turn on the pedal control for talk mode

1. When the system connects with 2pcs door station, under standby mode, step on the pedal control switch to monitor Door 1. Step again to monitor Door 2. Step it third time and the room station will enter into standby mode.
2. When the system only connects with 1pc door station, under standby mode, step on the pedal control switch to monitor door station, step again the room station and will enter into standby mode.
3. When door station rings, step on the pedal control switch to talk, step again to stop talk and go back to standby mode.

10.2 Room Number Setup


Under system setup interface, choose ROOM NO., touch  to confirm, then you are able to setup room number between 2/3/4.



2ND / PEDAL CTRL	2ND	
ROOM NO. SET	2	
MUSIC SET		
TIME 20XX/01/01 01:00		
RESET		
LANGUAGE	ENGLISH	
2	3	4

Note: Please make sure every room has its own room number to avoid conflation.


10.3 Ringtone Setup

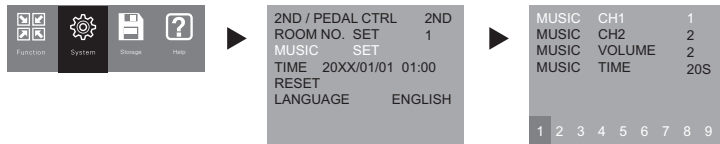
Under system setup interface, choose MUSIC SET, touch  to confirm, then you are able to setup ringtone/ringing volume/ringing time.



2ND / PEDAL CTRL	2ND
ROOM NO. SET	1
MUSIC SET	
TIME	20XX/01/01 01:00
RESET	
LANGUAGE	ENGLISH

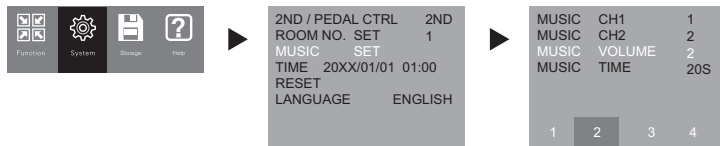
A. Ringtone

Ringtone for Door1/Door 2: Under Music Set interface, choose MUSIC CH1 or MUSIC CH2, and touch  to confirm, then you are able to choose your favorite ringtones.



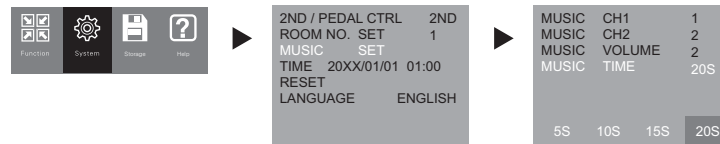
B. Ringing Volume

Under Music Set interface, choose MUSIC VOLUME, and touch to confirm, then you are able to adjust the ringing volume in 4 levels by touching .



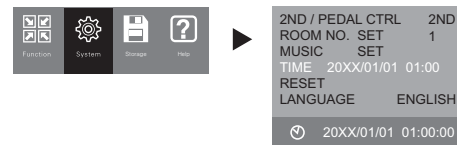
C. Ringing Time

Under Music Set interface, choose MUSIC TIME, and touch to confirm, then you are able to adjust the ringing time between 5/10/15/20s by touching .



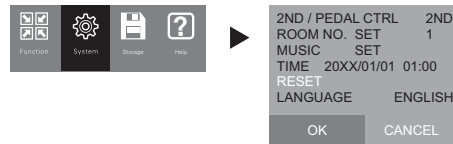
10.4 Time Setup

Under system setup interface, choose TIME, and touch to confirm, then you are able to setup time. During setup, touch to choose the item you need to setup, touch to adjust.




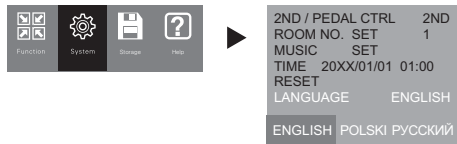
10.5 Reset

Under system setup interface, choose RESET, and touch to confirm operation. Successful operation with a sound DI.






10.6 Language Setup


Under system setup interface, choose LANGUAGE, and touch  to confirm, then you can choose the language between ENGLISH POLSKI and РУССКИЙ.



11. Image Memory Interface (Only available for X2-VIDEO-201)


Under main menu interface, touch   choose STORAGE, touch  to confirm, the unit will enter into image memory interface.







Note: Under monitor/talk mode, touch  to choose STORAGE, the unit will enter into image memory interface.



11.1 Take Photo

Under monitor/talk mode, touch to  take one photo.

11.2 Review Picture

Under image memory interface, choose VIEW, and touch  to confirm, the unit will enter into review mode. Touch  to delete one picture, touch   to review pictures.







Note: 1. Under monitor mode, touch  to enter into review mode.
2. Under standby mode, touch and hold  to enter into review mode.

11.3 Delete Picture

Under image memory interface, choose DEL ALL, touch  confirm, all of the pictures will be deleted.



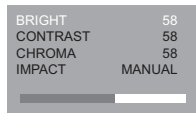
12. Image Adjustment

Under monitor/talk mode, touch  enter into the select interface, and touch   choose image, then touch  enter into the image adjustment interface.



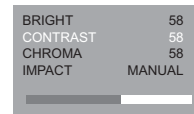
12.1 Brightness

Under image adjustment interface, choose BRIGHT to adjust the brightness, you are able to adjust in 100 levels.



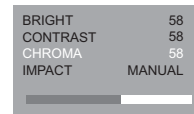
12.2 Contrast

Under image adjustment interface, choose CONTRAST to adjust the contrast, you are able to adjust in 100 levels.



12.3 Color

Under image adjustment interface, choose CHROMA to adjust the color, you are able to adjust in 100 levels.



12.4 Picture Effect

Under image adjustment interface, choose IMPACT to adjust the picture effect between MANUAL/STAND/SOFT/BRIGHT.



13. Busy Status

When one of the room stations is under talking or monitoring mode, others will enter into busy mode. After finishing talking or monitoring, all of the units will go back to standby mode.

Note: When the room station is under busy mode, it cannot operate room number setup and system reset Function.

14. Automatically Setup Room Number

A. Single Room Station

Reset the unit, then calls from door station. The room number will be automatically setup after ringing.




B. Two Room Stations

Reset the units, then calls from door station. The room numbers will be automatically setup after ringing.

C. More Than Two Room Stations

Reset all the units, then connect the power supply of main unit and the extension unit which you need to setup as No.2, then calls from door station. The room numbers will be automatically setup after ringing. After that, connect the power supply of the extension unit which you need to setup as No.3, then calls from door station. The room numbers will be automatically setup after ringing. Do the same operation for No.4 extension unit.

15. Outdoor station alarm



If indoor unit sounds “DI DI...” and indicator  or  flashes, it means the outdoor station 1 or 2 wires broke out (see trouble shooting at last page). To stop the alarm, touch  under standby mode, otherwise, it will alarm again when power is on the unit.

16. Alarm Guide

16. 1 Room Number Conflict Alarm

When the system has more than two room stations with a same room number, the unit will sound “DI” at intervals. You need to reset the room number to avoid the alarm. If the alarm stays on after resetting the room number, you need to restart the power supply.

16. 2 Communication Trouble Alarm

If the unit sounds “DI DI” every 3s, it means there is communication trouble between room stations. Please check the wiring and make sure the main unit is turned on. After resolving the trouble, press  or  to monitor or talk with door station, the alarm will be automatically cancelled.

Note: For the extension room station, you will only hear the sound when you operate the monitor or talk function more than 6 times.

1.LED Status



LED turns on

The unit is powering on.



LED turns on

The unit is under mute mode.



LED turns on

The unit is under away mode.



LED flashes

Door1 wires broke out.



LED flashes

Door2 wires broke out



LED flashes

Improper hang up


2.Voice Status


"DI" at intervals, it means room number conflicting.



"DI DI" at intervals, it means communication trouble.

"DU", it means the function is not allowed to operate.

Long "DI", it means the unit is powering on.

"DI DI..."and  flashes, it means door1 wires broke out.

"DI DI..."and  flashes, it means door2 wires broke out.

Problem	Possible reason	Solution
The unit does not work.	-Power is not connected. -The unit is OFF.	-Check if the power is on. -Refer to Operation 1 "ON/OFF", turn on the unit.
Cannot call from door station.	-The connection between room and door station is cut off. -The unit is OFF.	-Check the connection between room and door station. -Refer to Operation 1 "ON/OFF", turn on the unit.
Room station cannot monitor door station.	-The room number has not been setup. -The connection between room and door station is short circuit.	-Refer to Operation 10.2 "Room Number Setup", setup a new room number. -Check the connection between room and door station.
"DI DI" at intervals when the system connects with more room stations.	-The main unit is OFF. -The connection between this unit and the main unit is cut off.	-Refer to Operation 1 "ON/OFF", turn on the unit. -Check the connection between this unit and the main unit.
"DI DI" continuously when the system connects with more room stations.	Room number confliction.	-Refer to Operation 10.2 "Room Number Setup", setup a new room number.
Cannot call from door station, room station cannot monitor door station and sound "DI DI" at intervals.	-No main unit in the system. -The main unit is OFF.	-Refer to Operation 10.2 "Room Number Setup", reset the unit then setup the room number. -Refer to Operation 1 "ON/OFF", turn on the unit.
Door station can hear the sound from room normally, but the room station can only hear very low sound from door station.	Talk volume is too low.	Refer to Operation 7"Talk Volume Adjustment", adjust the volume.
When the system only connects with one room station, it cannot monitor or talk.	This unit is not the main unit.	Refer to Operation 10.2 "Room Number Setup", reset the unit then setup the room number.
Sounds "DI DI..." and indicator  or  flashes	Door1 or door2 wires broke out	Check the wire connection of outdoor units.

Specifications

Item \ Model No.	X2-VIDEO-200	X2-VIDEO-201
Screen	7"color TFT	
Power voltage and current	DC13.5-15V/1.5A	
Connection	In series	
Memory	NO	100
Power consumption	14V, 600mA(MAX.)	
CCTV input	Typical 1Vp-p(75ohm)	
Operation temperature	-10°C to +55°C	
Optional extension room station	room stations (which has intercom function)	
Optional door station	X2 Two wire video door stations	

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