



Model: **X17LCD**
Professional 17" LCD CCTV
Monitor with 3D Noise Filter

Model: **X19LCD**
Professional 19" LCD CCTV
Monitor with 3D Noise Filter

Before you begin

- Please unpack the box carefully and identify that all the parts are present.

Please bear in mind the following points when choosing a mounting position.

- Do not expose the display to humidity, dust, direct sunlight or to extreme weather conditions.
 - Do not use thinner or other chemical detergents when cleaning. Use a soft cloth to remove dust or dirt from the display screen.
 - Avoid storage and use of this display in areas of extreme hot or cold. The display's operating temperature range is -10°C to +40°C.
 - Do not drop or strike the display.
 - For your own safety, when the display is not in use, remove the AC adapter from the mains.
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- Do not cut the LCD cables, this will void the warranty.
 - Make sure you use only the recommended power supply. Damage caused to the LCD by incorrect voltage or wiring is not covered by the warranty.

Model:
X17LCD/X19LCD
Professional 17"/19" LCD CCTV Monitor
with 3D Noise Filter

Thank you for purchasing this Xvision monitor. Before operating this product, please read this instruction manual carefully.

1. Safety Precautions



CAUTION

**RISK OF ELECTRICAL SHOCK.
DO NOT OPEN**



**CAUTION: TO REDUCE RISK OF ELECTRIC SHOCK, DO NOT OPEN BACK COVER.
NO USER SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

- Make sure that you use only the recommended power supply supplied with the unit.
- When installing the monitor, please make sure that you observe the necessary safety precautions.
- Try to avoid all direct contact with the LCD screen as any scratches or marks left on the surface could affect the image quality.

2. Product Description

The X17LCD and X19LCD feature a 17" and 19" TFT LCD respectively, which generate 1280 x 1024 pixel (800 TVL) resolution images, making them ideal for high risk applications. Specially designed for CCTV use, they feature High Brightness LCD displays with a special noise reduction filter for excellent image quality and high fidelity speakers for good quality audio. The X17LCD and X19LCD include VGA, BNC, HDMI, SVHS and Phono inputs for flexible connectivity to industry standard CCTV equipment and have a built in switch mode power supply for a flexible operating voltage of 100 to 240V AC and mains interference free images. The LCD Monitors are designed for Desk mounting as supplied or can be Wall or Ceiling mounted using an optional bracket (not supplied).

2.1 VGA INPUT MODES & RESOLUTIONS

S/N	Mode	Resolution	Refresh Rate
1	VGA	720 x 400	70
2			60
3			72
4			75
5	SVGA	800 x 600	60
6			72
7			75
8	XGA	1024 x 768	60
9			70
10			75
11			60
12		1152 X 864	75
13	SXGA	1280 X 1024	60
14			75

Recommended mode: 1280x1024@60Hz

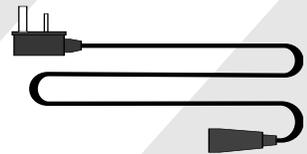
3. Contents



X17LCD/X19LCD Monitor



Remote Control



Mains Power Lead



Audio Connection Lead

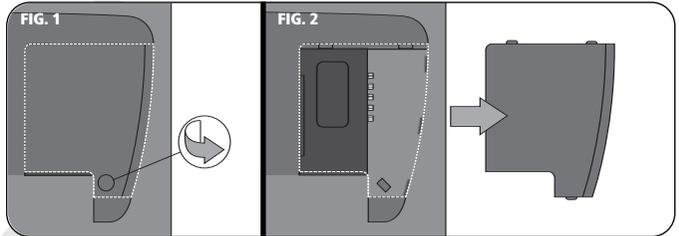


VGA Connection Lead

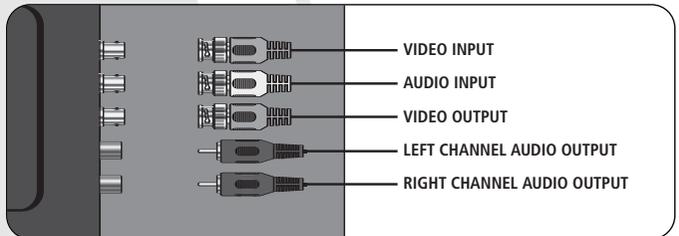
4. Installation & Connection

4.1 CONNECTIONS FOR CCTV / DVR

1. Remove the cover on the rear right on the monitor by lifting the panel up as shown in Fig. 1 and 2.

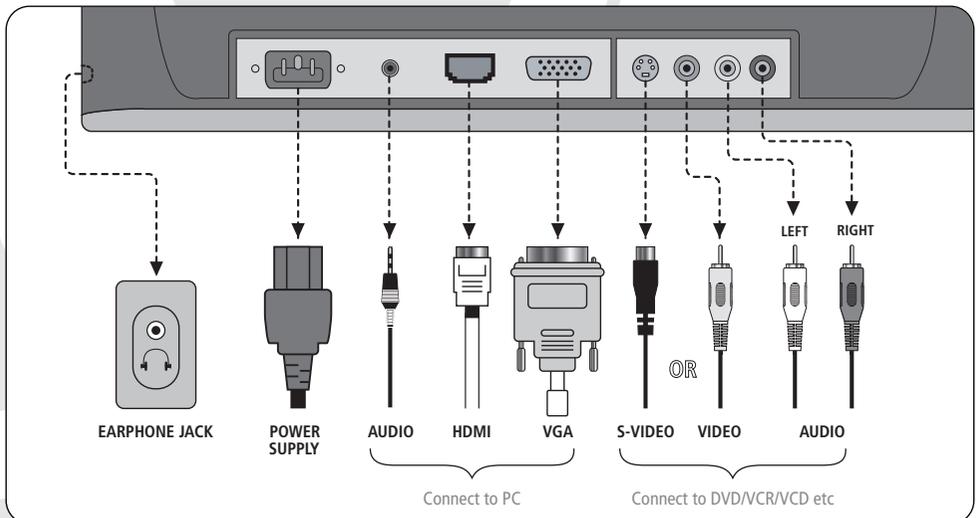


2. Connect the BNC & Phono connections as shown:



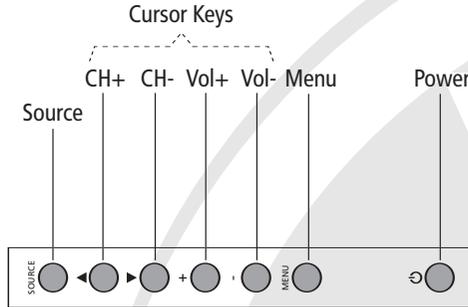
4.2 PC, DVD/VCR/VCD and POWER CONNECTION

1. Connect the PC and/or DVD/VCR/VCD and power connections to the monitor as shown below:

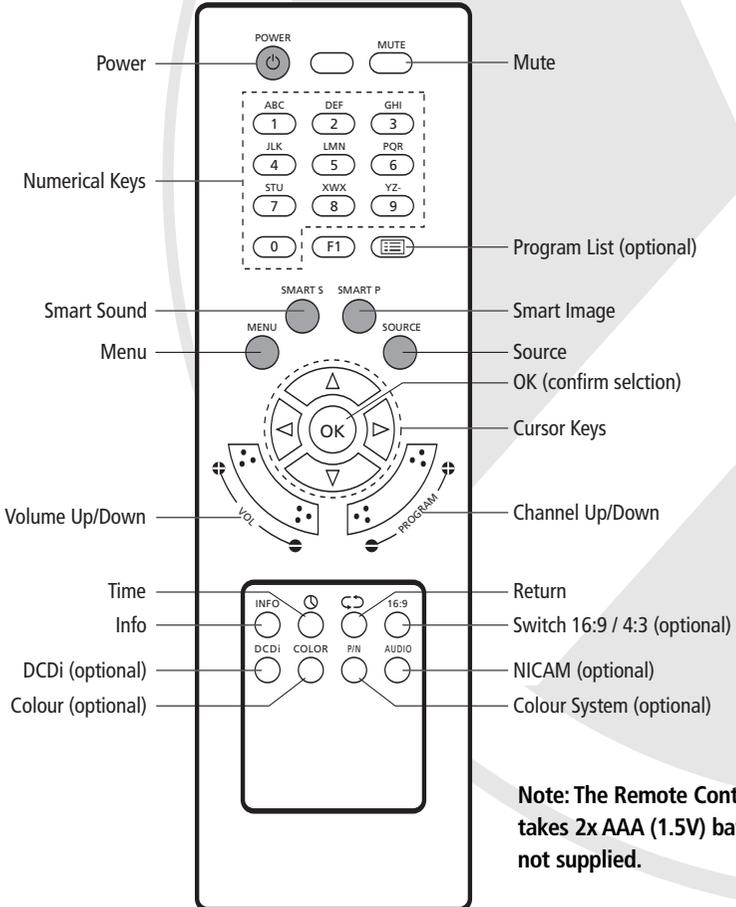


5. Controls

5.1 THE FRONT PANEL



5.2 REMOTE CONTROL



Note: The Remote Control takes 2x AAA (1.5V) batteries, not supplied.

1. Aim the remote control at the infra-red receiver on the front of the LCD.
2. Avoid pressing, dropping, moistening or disassembling the unit.
3. Avoid pressing remote control buttons continuously and quickly. Allow at least 2 seconds for the remote control to function correctly.
4. In BNC, AV, S-Video and PC modes all functions and adjustments are similar to a standard TV

5.3 CONTROL FUNCTIONS

Key	Function
Power	Turn on or standby
Mute	Eliminate sound
Numerical keys	Number Input buttons
F1	Invalid
Program List	Scan or Set Program List
Smart Sound	Intelligent Sound mode selection
Smart image	Intelligent Image mode select
Menu	Press this menu button to display the Main Menu
Source	Press this button to display Signal Source selection menu
Cursor Keys	Up or Down cursor button: Function select Left or Right cursor button: Analogue add or reduce
OK	Confirm actions
Volume Up/Down	Add or reduce Volume Level
Channel Up/Down	Add or reduce Channel Number
Info	System information display switch
Timer	Time Setting button
Return	Press this button to return to last watched channel
Switch 16:9 / 4:3	Switches the scale of the display between FULL, ZOOM1, ZOOM2, NORMAL or PANORAMA
DCDi	Invalid
Colour	Invalid
Colour System	Invalid
NICAM	Invalid

6. Basic Operation

POWER ON

Plug power cord into the electrical socket (the LED on the monitor will light up RED) and press '  ' key on the front panel, then press the POWER button on the Remote Control to turn on the monitor. The LED on the monitor will light up GREEN when it is ON.

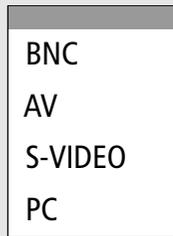
STANDBY

Press the POWER button on the Remote Control. The monitor will be in held in standby mode. (the LED on the monitor will light up RED)

NOTE:

- 1.The monitor set will automatically set to Standby mode if there is no signal input for 5 minutes when the monitor turns on.
- 2.The monitor set will automatically set to Standby mode when the preset time of turning off is reached.

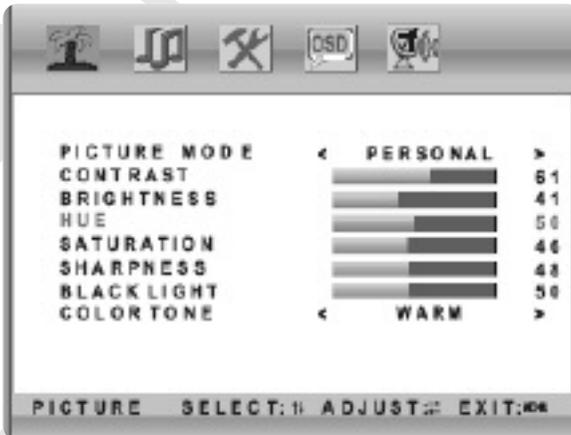
SIGNAL SOURCE SELECTION



1. Press the SOURCE button either on the Remote Control or on the Front Panel. A menu will be displayed on the screen as shown above.
2. Navigate using the UP/DOWN buttons on Remote Control or CH+/CH- buttons on the Front Panel to select the signal source from the list.
3. Press the OK button on the Remote Control or MENU button on the Front Panel to set.

MENU NAVIGATION

Use the following steps to navigate through the Menu systems on the monitor.

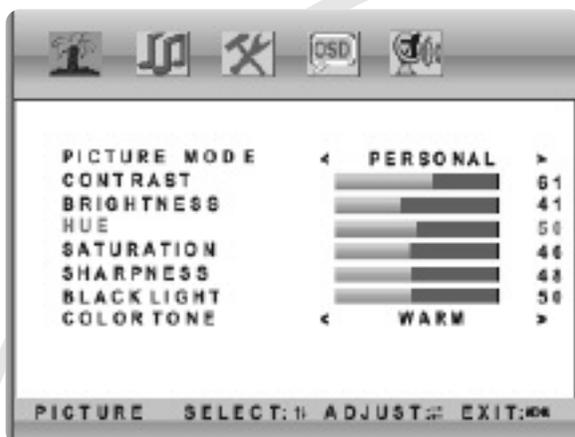


1. To enter the Menu system, press MENU button on the Remote Control or on the Front Panel. The monitor will display the Main Menu.
2. Press LEFT/RIGHT buttons on the Remote Control or VOL+/VOL- buttons on the Front Panel to select the required Menu, which includes 5 categories: PICTURE, SOUND, ADVANCE, SYSTEM and BNC.
3. Press the DOWN button on the Remote Control or the CH- on the Front Panel to enter the Menu.
4. Press the UP/DOWN button on the Remote Control or CH+/CH- on the Front Panel to select a Setting Type that you wish to adjust in the Sort Menu. Press the LEFT/RIGHT button on the Remote Control or VOL+/VOL- on the Front Panel to adjust the value or setting.
5. Press the MENU button to exit the main menu when the monitor displays the Main Menu screen. Press the MENU button to return to previous menu when the monitor displays a sub-menu. Press the SOURCE button to display the signal source menu.

Note: Settings which can not be adjusted will be hidden automatically and the colour of the selection will be changed to grey.

6.1 PICTURE ADJUSTMENT MENU

See the table below for the options available with the Picture Adjustment Menu:



Option	Function	Description
PICTURE MODE	Select picture mode	There are four modes; STANDARD, DYNAMIC, SOFT or PERSONAL
CONTRAST	Adjust the contrast of whole picture	Increasing value increases Contrast; Decreasing value decreases Contrast (0-100)
BRIGHTNESS	Adjust brightness and blackness of whole picture	Increasing value increases brightness; Decreasing value decreases brightness (0-100)
HUE	Adjust the hue of whole picture	Increasing value increases green; Decreasing value increases purple (0-100)
SATURATION	Adjust the saturation of whole picture	Increasing value increases color; Decreasing value decreases color (0-100)
SHARPNESS	Adjust the sharpness of whole picture	Increasing value increases definition; Decreasing value decreases definition (0-100)
BLACK LIGHT	Adjust the black light of whole picture	Increasing value increases black light; Decreasing value decreases black light (0-100)
COLOR TONE	Select colour tone mode of the picture	There are three Colour Temperature modes, NORMAL, WARM or COOL

Note:

1. The value adjusted by user, such as Contrast, Brightness, Saturation, Hue, and Sharpness, will be saved automatically when the settings are changed
2. You can only adjust Brightness, Contrast, Sharpness and Black Light in PERSONAL mode.

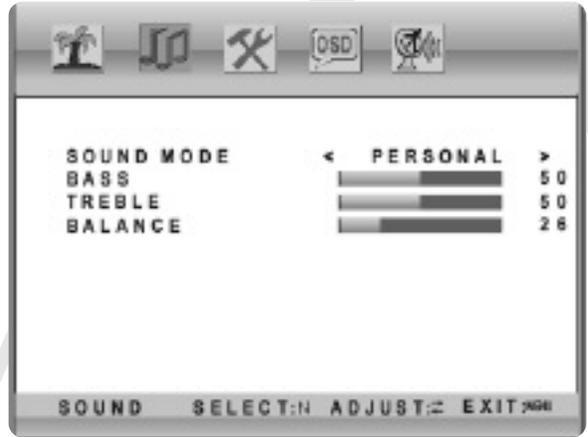
REMOTE CONTROL SHORTCUT KEYS

SMART P (Smart Picture) - Switch the Picture Mode between STANDARD, DYNAMIC, SOFT or PERSONAL

16:9 - Switch the Scale of the display between FULL, ZOOM1, ZOOM2, NORMAL or PANORAMA

6.2 SOUND ADJUSTMENT MENU

See the table below for the options available with the Sound Adjustment Menu:



Option	Function	Description
SOUND MODE	Adjust audio effect mode	There are four modes; PERSONAL, STANDARD, NEWS or MUSIC
BASS	Adjust bass value	Increasing value increases bass; Decreasing value decreases bass (0-100)
TREBLE	Adjusts treble value	Increasing value increases treble; Decreasing value decreases treble (0-100)
BALANCE	Adjusts balance of left or right speakers	Increasing value increases left volume; Decreasing value increases right volume (0-100)

Note:

1. The value of 50 is recommended for all the Sound settings
2. The treble or bass value will be saved automatically after it is adjusted
3. You can only adjust bass and treble in PERSONAL mode.

Remote Control Shortcut Keys

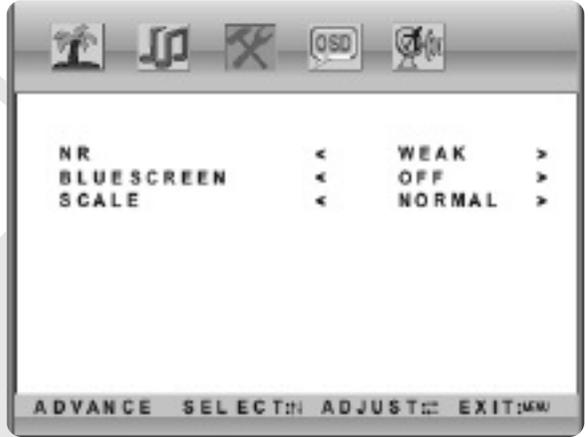
SMART S (Smart Sound) - Switch the Sound Mode between PERSONAL, STANDARD, NEWS or MUSIC

MUTE: Press to MUTE

VOLUME: VOL+, VOL-

6.3 ADVANCE MENU

See the table below for the options available with the Advanced Menu:



Option	Function	Description
NR	Selects the 3D Noise Reduction mode	There are three modes; WEAK, STRONG or OFF
BLUE SCREEN	Turn ON or OFF BLUE SCREEN	Select ON or OF
SCALE	Select the scale of the picture	There are five modes; FULL, ZOOM1, ZOOM2, NORMAL or PANORAMA

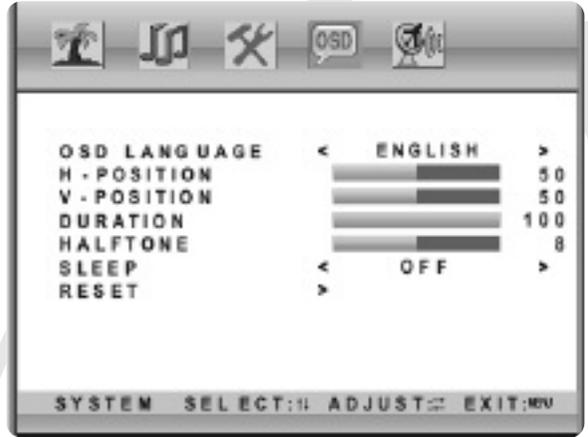
Note:

REMOTE CONTROL SHORTCUT KEYS

16:9 - Switch the Scale of the display between FULL, ZOOM1, ZOOM2, NORMAL or PANORAMA

6.4 SYSTEM MENU

See the table below for the options available with the System Menu:



Option	Function	Description
OSD LANGUAGE	Choose OSD menu display language	Select the Language you wish the OSD menu to be displayed in.
H-POSITION	Adjust H-position of OSD menu	Increasing value will move OSD menu right; Decreasing value will move OSD menu left (0-100).
V-POSITION	Adjust V-position of OSD menu	Increasing value will move OSD menu down; Decreasing value will move OSD menu up (0-100).
DURATION	Adjust duration of OSD menu	Increasing value extends the duration time of OSD menu; (0-100).
HALFTONE	Adjust halftone of whole picture	Increasing value increases halftone; Decreasing value decreases halftone (0-8)
SLEEP	Set sleep time of the machine	Choose between; OFF, 15, 30, 45, 60, UNITE: MINUTE.
RESET	Default to factory settings	Reset all values to the settings of the factory

7. Troubleshooting

Symptom	Possible Fault	Solution
No image. No sound.	Power plug is loose, power cord is not connected properly.	1. Check power cord to see if it is properly connected 2. Press the POWER button on the Front Panel or on the Remote Control.
No color	Color saturation is too low.	Enter the PICTURE ADJUSTMENT MENU and increase the colour saturation.
TV is ON, no sound	1. Volume setting is too low. 2. Sound is muted.	1. Increase volume. 2. Press MUTE button on the Remote Control to eliminate mute mode.
Error is showing 'no signal input' with the Red LED light flashing.	Signal cable is loose or has been disconnected.	Check signal cable to see if it is properly
Remote control does not work	1. Transmitter/Receiver window of Remote Control /Monitor is covered 2. The battery level of Remote Control is too low.	1. Remove objects obstructing the Transmitter/Receiver window of the Remote Control or Monitor. 2. Replace batteries.
Display is faint	1. Adjustment is incorrect. 2. Display mode is incorrect.	1. Use AUTO-ADJUSTMENT function. 2. Set to mode :1280x1024@60Hz

8. Specifications

Model:	X17LCD	X19LCD
Screen Type:	Colour LCD	
Screen Size:	17"	19"
Resolution:	1280x1024 @ 60HZ	
Audio:	Yes	
Video Inputs:	SVHS Socket VGA/HDMI Sockets BNC/Phono Sockets	
Audio Inputs:	BNC/Phono Sockets	
Headphone Output:	Yes	
Speakers:	Dual	
Loopthroughs:	BNC Socket (Video Output) BNC/Phono Sockets (Audio Output)	
Remote Control:	Yes	
Power Requirements:	100 to 240V AC	
Power Consumption:	<40W (<2W on Standby mode)	<45W (<2W on Standby mode)
Mounting:	Desk (as supplied) Wall or Ceiling (using optional bracket)	
Weight:	6.0kg	7.0kg
Dimensions (WxHxD):	469x390x62mm	510x430x70mm

TECHNICAL SUPPORT:

For Technical Support for any Xvision product please contact your local distributor.

LIMITED WARRANTY:

This product is supplied with a 1 Year warranty. The Warranty excludes products that have been misused, (including accidental damage) and damage caused by normal wear and tear. In the unlikely event that you encounter a problem with this product, it should be returned to the place of purchase.

Manufactured exclusively for Xvision - www.x-vision.co.uk



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