

Features

- Range of 17” and 19” screens
- Composite Video and Audio In
- Video out
- HDMI Input – 480p/576p/720p/1080i/1080p
- VGA Input - 1280 x 1024
- Built-In Audio
- Sleep Timer
- Stand and wall mount options
- Multi-language OSD
- Brightness, Contrast and Volume Controls
- Black finish



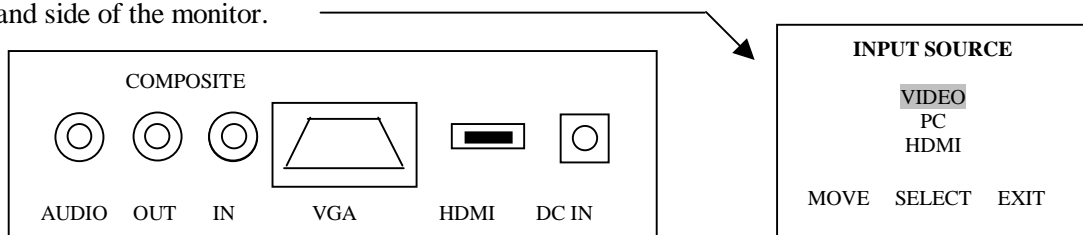
These monitors are designed specifically for CCTV systems and support both composite video input and VGA input. The monitors come complete with a stand but can also be mounted with a wall bracket.

Safety Precautions

- Please do not remove the back cover of the LCD monitor as there are no user-serviceable parts inside and the warranty will be treated as void.
- Do not place your hands, face or objects close to the ventilation openings of the monitor. The top gets very hot from air released through the ventilation openings and may cause burns. Also do not obstruct the ventilation openings.
- Always disconnect all cables before moving the monitor as monitor connections and cable can be easily damaged.
- Please install the monitor away from excessive dust, high temperatures, moisture and direct sunlight.
- Always disconnect power when cleaning the unit and do not use liquid or aerosol cleaners. Only use a slightly damp cloth for cleaning.
- If the picture displayed is abnormal, always switch off the monitor and disconnect from the power source. Ensure the video input is correctly connected and then reconnect the power to the monitor.

Installation

1. After connecting power supply, switch on power to monitor by pressing Power button.
2. Connect the required cable (VGA, video, HDMI) to monitor and DVR, camera or device.
3. Now power up DVR, camera or device.
4. If 'No Signal' is displayed on monitor screen, check the cable connection or video input signal and also make sure the correct video input signal is selected by pressing then Select button on the right hand side of the monitor.



5. Switch off the monitor after powering down the DVR, camera or device.

Controlling On Screen Display

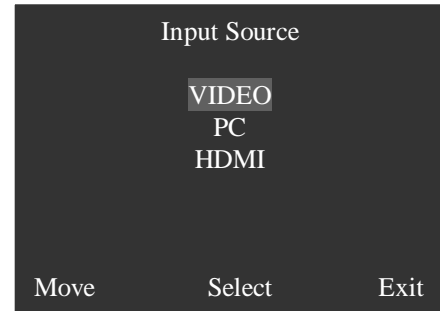
On the right edge of the monitor you will see the OSD function controls and the On/Off power button.

The following table describes these control keys.

Key Functions	
Select	To choose input signal: Video, PC, HDMI
	To enter sub-menu
	To view next function in OSD main menu
Menu	To activate the OSD main menu
	To view previous function in the OSD menu
	To exit from the OSD main menu
Up	Auto adjust (hot key) in the PC mode
	OSD move up
	To increase value of function
Down	To adjust contrast/brightness (direct menu)
	OSD move down
	To decrease value of function
Power	To turn On / Off monitor

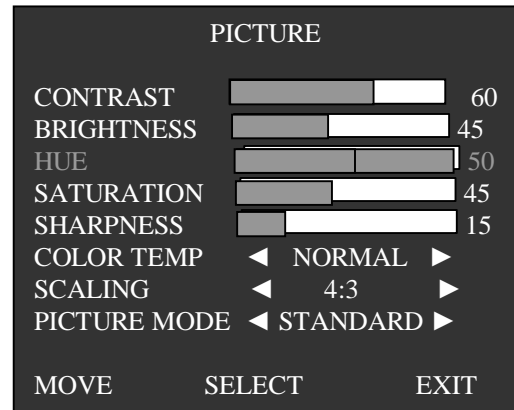
Input Signal: Video / PC / HDMI

Choose 'Select' button



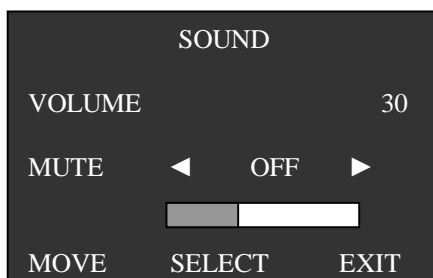
PICTURE: VIDEO / HDMI

LED Colour Status			
MODE	ON	STANDBY	OFF
LED COLOUR	Green	Orange	Orange



- Contrast: Adjusts contrast of objects and background.
- Brightness: Adjusts brightness of complete screen.
- Hue: Adjusts natural colour. Only adjustable in NTSC mode.
- Saturation: Adjusts density of colour.
- Sharpness: Adjust sharpness of video image.
- Color temp: NORMAL for general colour tones.
WARM for warm colours with reddish tone.
COOL for cool colours with bluish tone.
- Scaling: 4:3 Normal for normal picture size.
ZOOM for zooming in vertical direction
- Picture Mode: STANDARD for general contents.
VIVID for a clear display.
MOVIE for movies.
USER for user to set values.

SOUND: VIDEO / HDMI

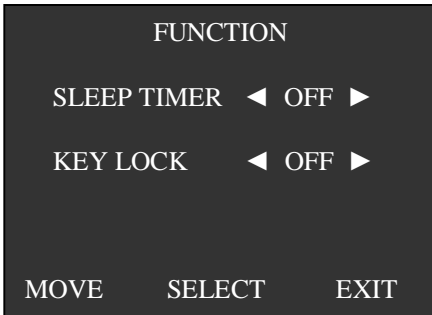


Sound allows volume to be set

VOLUME Set volume from 0 ~ 100

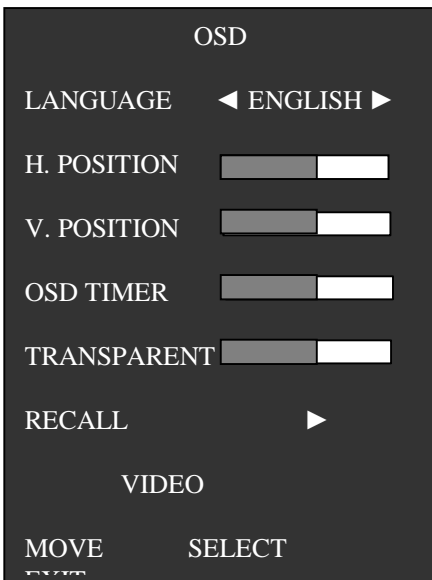
MUTE Switch mute ON or OFF

SLEEP TIMER & KEYLOCK: VIDEO / HDMI / PC



- Sleep Timer Select the number of minutes after which the monitor will power OFF. Select OFF, 20, 40, 60, 80, 100, 120, 140, 160 or 180 minutes.
- Key Lock Set to ON to lock key function. To resume key function power off AC supply and then re-power.

VIDEO / HDMI / PC: OSD



- Language Select from: English, German, French, Italian, Spanish, Czech, Swedish, Finnish, Polish, Russian, Turkish, Korean or Japanese.
- H. Position To adjust horizontal position of OSD window.
- V. Position To adjust vertical position of OSD window.
- OSD Timer To adjust time delay of OSD menu.
- Transparent To adjust the transparency of OSD menu.
- Recall To reset to manufacturers defaults.

Contrast: Adjusts contrast of objects and background.

Brightness: Adjusts brightness of complete screen.

H-position: Adjusts horizontal position of picture.

V-position: Adjusts vertical position of picture.

Clock: Adjust to reduce picture noise.

Phase: Eliminate picture shake.

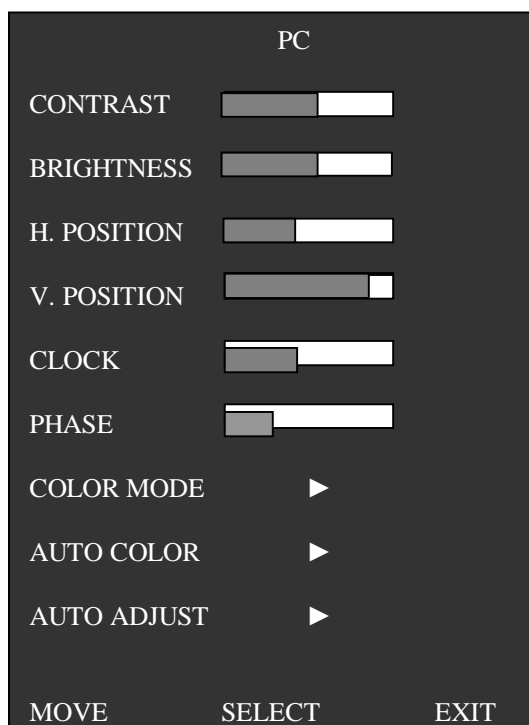
Color Mode: Select colour range

- Normal: General colour tone.
- Warm: Warm colours with reddish tone.
- Cool: Cool colours with bluish tone.
- User: Adjust colour with R.G.B control.

Auto Color: Adjusts colour automatically.

Auto Adjust: Adjusts H/V positions automatically.

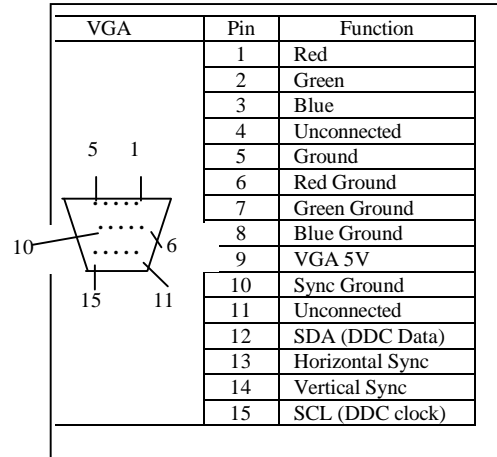
PC MENU



Input Signal: PC (for DVR or PC usage)

Resolution	H-Frequency (kHz)	V-Frequency (kHz)	Mode
640 x 480	31,469	59,940	PC
	37,500	75,000	
720 x 400	37,861	72,809	
	31,469	70,087	
800 x 600	37,879	60,317	
	48,077	72,188	
1024 x 768	46,875	75,000	
	48,363	60,004	
1280 x 1024	56,467	70,069	
	60,023	75,029	
	63,981	60,020	
	79,976	75,025	

VGA Connections



Input and Output Specifications

Parameter	Specification	Unit	Notes
PC Input	Input Signal	Analogue R,G,B	Separate
	Input Level	0.7	Vp~p 75Ω
	H-Frequency	31 ~ 80	KHz
	V-Frequency	60 ~ 75	Hz
	Maximum Input Resolution	1280 ~ 1024 @ 75Hz	
Composite Video Input	1	Vp~p	PAL NTSC/Secam
HDMI Input	Input Resolution	480P/576P/720P/1080I/1080P	With HDCP
Composite Video Output	1	Vp~p	

Troubleshooting

Symptoms	Action
No power light	Ensure AC supply is securely connected to LCD PSU – Ensure monitor switch to ON
No signal	Check that the correct signal source is selected – Video / HDMI / PC by pressing Select button followed by Up or Down button.
Monitor in Power Saving Mode	Check if VGA cable is properly connected and plug pins not damaged. Check if the computer has switched to power saving mode and if it has, press any key or click mouse to activate.
Too Bright or Dark	Adjust the brightness and/or contrast.
Fuzzy Images	Press the “UP” (Auto adjust in PC mode) key – adjust values in menu.
Image not central	Press the “UP” (Auto adjust in PC mode) key – adjust horizontal/vertical position – check whether timing signal is within the specified limits
Abnormal colour	Check whether VGA (Video, HDMI) cable is properly connected – adjust menu colour

Technical Specifications

Features	Specifications	
	Model	LCD527
Screen	17" LCD monitor	19" LCD monitor
Resolution	1280 x 1024 60 Hz	
Viewing Angle	160/160 degrees	
Brightness	300 cd/m ² (max)	
Contrast	1000:1 (max)	
Input Signals	PC (RGB), Video (BNC), HDMI	
Output Signal	Video (BNC)	
Power	12vDC 4A	
Size (WxHxD)	390mm x 370mm x 210mm	465mm x 410mm x 230mm
Weight	4.2Kgs	4.8Kgs

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