

## Features

- Range of 15", 17" and 19" screens
- Composite Video and Audio In
- Video and Audio out
- S-Video Input
- VGA Input – 1280 x 1024 SVGA
- Built-In Audio
- Sleep Timer
- Stand and wall mount options
- Multi-language OSD
- Brightness, Contrast and Volume Controls
- Black or Silver 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. The LCD415, LCD417 and LCD419 are supplied in a silver finish and the LCD515, LCD517 and LCD519 are in a black finish.

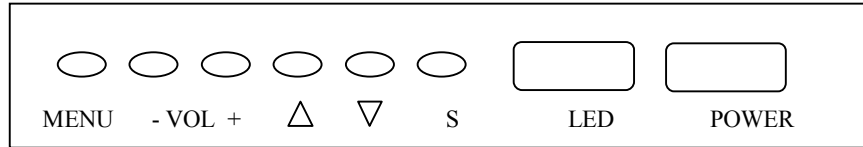
### **IMPORTANT NOTE FOR LCD515 / LCD517 / LCD519**

When fitting the wall plate to the above monitor range please ensure the wall plate screws supplied are fitted and not the stand screws. Using the stand screws with the wall plate will damage the internal circuit board. For LCD415, LCD417 and LCD419 these use the same screws.

### **SAFETY PRECAUTIONS**

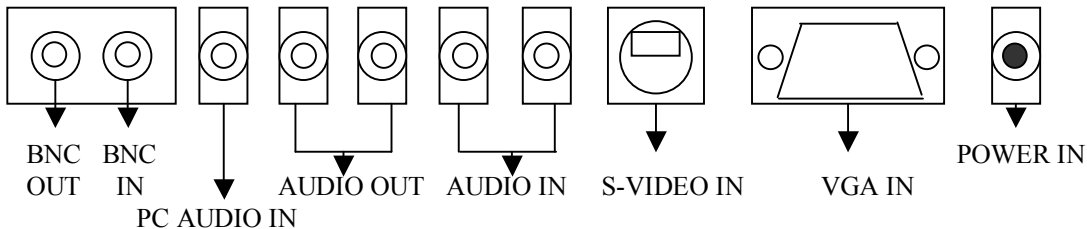
- Please do not remove the back cover of the LCD monitor as there are no user-serviceable parts inside and the warranty will be treated as void.
- Do not place your hands, face or objects close to the ventilation openings of the monitor. The top gets very hot from air released through the ventilation 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.
- Never expose the monitor to rain or moisture.
- 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.

**Operation ~ Front Panel**



- MENU Activate OSD menu
- Decrease setting, hot key to set volume lower
- + Increase setting, hot key to increase volume
- △ Scroll up, hot key to adjust channel up
- ▽ Scroll down, hot key to adjust channel down
- S Source: Change source input
- POWER Turn ON and OFF power supply to monitor

**Connections ~ Rear Panel**

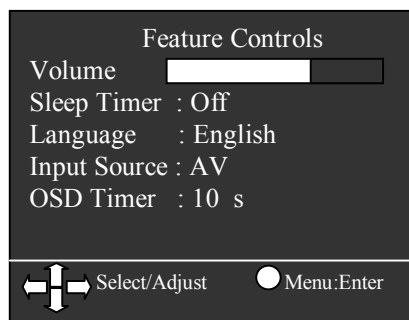


**OSD (ON SCREEN DISPLAY)**

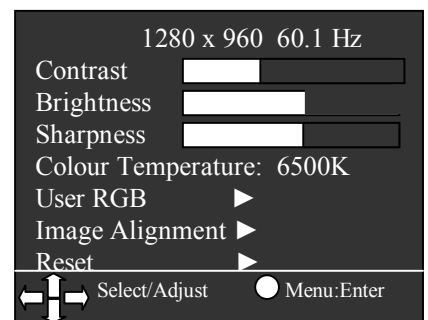
**VIDEO OSD MENU**



**FEATURE CONTROL OSD MENU**



**PC (VGA) OSD MENU**



## Resolution and Frequency Rates

TFT LCD monitors perform best at the 60Hz refresh rate. Therefore to get the best possible performance from this monitor, it is recommended to use this product at the 60Hz refresh rate. The table below details tested resolutions and respective VGA modes and can be used as a guide if incompatibility issues arise.

Mode	No.	Resolution	H. Freq (kHz)	V. Freq (Hz)	Pixel Clock MHz	15"	17"	19"
						1024*768 75Hz	1280*1024 75Hz	1280*1024 75Hz
MAC	101	832*624@74.5	49.722	74.546	57.280	-	-	-
	102	640*480@67	35.000	66.667	30.240	-	-	-
VGA	103	720*400@70	31.469	70.08	28.322	-	-	-
	104	640*480@60	31.469	59.940	25.175	-	-	-
	105	640*480@72	37.861	72.809	31.500	-	-	-
	106	640*480@75	37.500	75.000	31.500	-	-	-
SVGA	108	800*600@60	37.879	60.317	40.000	-	-	-
	109	800*600@72	48.077	72.188	50.000	-	-	-
	110	800*600@75	46.875	75.000	49.500	-	-	-
	111	1024*768@60	48.363	60.004	65.000	-	-	-
XGA	112	1024*768@70	56.576	70.069	75.000	-	-	-
	113	1024*768@75	60.023	75.029	78.750	-	-	-
	114	1280*1024@60	63.980	60.000	108.000	x	-	-
SXGA	115	1280*1024@75	79.976	75.025	135.000	x	-	-

## Technical Details

PC RGB INPUT	Input Signal	Analogue RGB 0.7v p~p
	Input Impedance	75 Ohm $\pm$ 2%
	Polarity	Positive, Negative
	Amplitude	0 ~ 0.7 $\pm$ 0.05vp
	Multi-mode supported	Horizontal Frequency: 30~80KHz Vertical Frequency: 50~75Hz
POWER SUPPLY	Input Voltage	100~240vAC, 50/60Hz
	Output Voltage	+12v DC, 3.33A (40W) / 4.16A (50W)
	Power Management	On: 50W max. (Green LED) Off: 1W max. (Red LED)
OPERATION CONDITIONS	Temperature	5°C to 35°C
	Relative Humidity	20% to 85%
STORAGE CONDITIONS	Temperature	-20°C to 60°C
	Relative Humidity	5% to 85%

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WEE-C07E15S

This symbol on the products and/or accompanying documents means that used electronic equipment must not be mixed with general household waste. For treatment, recovery and recycling please return this unit to your trade supplier or local designated collection point as defined by your local council.