

SYSCOM video



EPMON24A
LCD MONITOR

USER ' S MANUAL



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Warning/Cautiion



WARNING/CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

FCC NOTICE

Class B digital device

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

Caution

Changes or modification not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Do not attempt to modify this product in any way without written authorization from the dealer. Unauthorized modification could void the user’s authority to operate this product.

To prevent fire or shock hazards, do not expose this product to rain or moisture.

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this product near water.
6. Clean only with a dry **and soft** cloth.
7. Do not block any ventilation openings.
Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or any other apparatus (including amplifiers) that produces heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the unit. When a cart is used, use caution when moving the cart/monitor combination to avoid injury from tip-over.

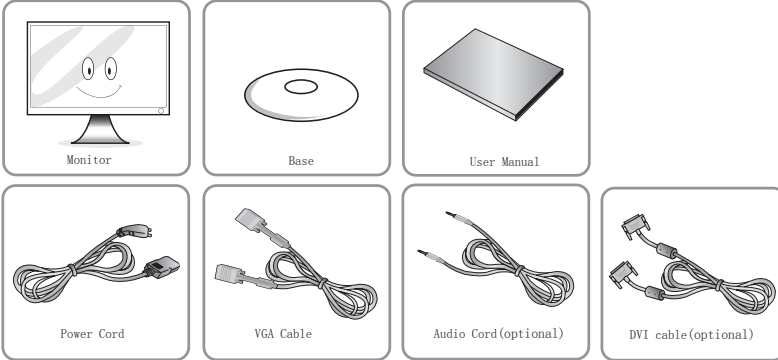


13. Unplug this product during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Do not expose this product to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the unit.

Basic instruction

Equipment subassembly

Please check your monitor equipment subassembly including the followings:



Input voltage

AC 100 - 240V ~ 50 / 60 Hz (Please consult the back label of your monitor.)

Power indicator light

Indicator	Mode
No light	Power off
Green light	Normal work statement
Green light flash	No signal input

Keys Function

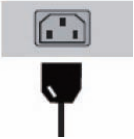
5 Keys Model		7 Keys Model	
Key	Function	Key	Function
① MENU	Show OSD menu/select function	① MENU	Show OSD menu/select function
② DOWN	Move icon down/decrease value	② UP	Move icon up/increase value
③ UP	Move icon up/increase value	③ DOWN	Move icon down/decrease value
④ EXIT	Back to last menu/Auto adjust	④ EXIT	Back to last menu/Auto adjust
⑤ ⏻	Turn ON / OFF monitor	⑤ SCALE	Change ratio (wide or normal)
		⑥ SOURCE	Display or change input signal
		⑦ ⏻	Turn ON / OFF monitor

Connection

Connecting cables

Power Input

Power



Audio Input

Audio



Signal Input



AC input

Connect the power cord for your monitor to the *AC IN* port on the back of the monitor.

Plug the power cord for the monitor into a nearby outlet.

Use a connection appropriate for your computer.

VGA input

Using the D-sub (Analog) connector on the video card.

DVI input

Transmits digital video signals to the monitor. Connect the monitor using the DVI cable.

below.

HDMI connection

Transmits the digital video and audio signals from your PC and A/V devices to the monitor. Connect your PC and AV device to the monitor with the HDMI cable.

On Screen Display(OSD)

Menu Options

Main Menu:

1. Color Adjust
2. Image Adjust
3. Color Temp
4. Tools
5. Language
6. Misc

Explanation of individual options:

1. Color adjustment

1.1 Brightness adjustment:

This option will adjust your displays brightness.

Use the up and down buttons to increase or decrease brightness setting.

1.2 Contrast adjustment:

This option will adjust the amount of difference between white values and black values. Use the up

and down buttons to increase or decrease the contrast setting.



1.3 DCR function

Press MENU to shows the main choice menus, press MENU into DCR choice item, press up or down to select ON or OFF, press MENU to open or close DCR function.

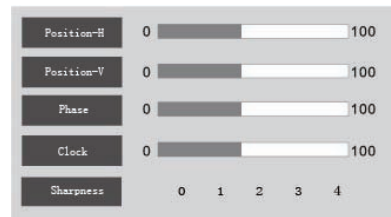
2. Image Adjust

2.1 Horizontal position adjustment:

This selection will adjust the horizontal position of the video on your display. This mode is only available in VGA mode. Use the up and down buttons to move your video display area left to right.

2.2 Vertical position adjustment:

This selection will adjust the vertical position of the video on your display. This mode is only available in VGA mode. Use the up and down buttons to move your video display area up and down.



2.3 Phase adjustment:

To press menu into main choice menus, press menu into phase adjustment, and then press up or down to start pixel sampling by phase improving stabilization.

2.4 Clock adjustment:

To press menu into main choice menus, press menu into Frequency adjustment, and then press up or down to adjust clock image display to track stability

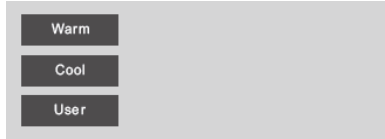
On Screen Display(OSD)

2.5 Sharpness function

To press Menu into main choice menu, press Menu into sharpness adjustment, and then press Up or Down to select the value, and then press Menu to change sharpness of image.

3. Color temperature Adjust

This selection will change the amounts of red, green, and blue present in the image. Warm mode will give more red, Cool mode will give more blue and User mode will allow you to make your own adjustments to the red, green and blue levels.



4. Tools

4.1 OSD H-position adjustment

This selection will change the horizontal position of the On Screen Display Menu. Use the up and down buttons to change the position left to right.

4.2 OSD V-position adjustment

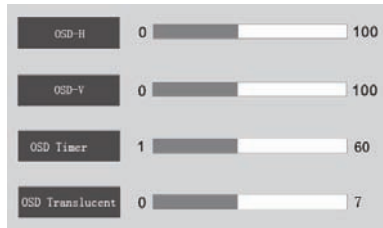
This selection will change the vertical position of the On Screen Display Menu. Use the up and down buttons to move the display up and down.

4.3 OSD Timer

This selection will adjust OSD menu display time on the screen.

4.4 Translucence

This selection will adjust OSD menu transparency on the screen.



5. OSD choice language setting

This selection will allow you to select the language you want the menu to appear in. Select between English, Spanish, French, Italian, Deutch or Korean.

(Depending on your model, additional languages may be present.)

6. MISC.

6.1 Auto configuration

This selection will automatically adjust your image setting to the best viewing.

6.2 Auto color

This selection will automatically adjust your color setting to the best viewing.

6.3 Factory reset

This selection will reset the monitor to factory stat-ement.



Specifications

Compatible Resolutions

Standard	Resolution	H-Frequency (KHz)	V-Frequency (Hz)	Remark	
VGA	720 X 400	31.47	70.0		
	640 X 480	31.47	60.0		
	640 X 480	37.50	75.0		
	640 X 480	37.861	72.8		
SVGA	800 X 600	37.879	60.0		
	800 X 600	48.077	72.2		
	800 X 600	46.875	75.0		
XVGA	1024 X 768	48.363	60.0		
	1024 X 768	56.476	70.0		
	1024 X 768	60.02	75.0		
SXVGA	1280 X 1024	63.981	60.0		17/19 4:3
	* 1280 X 1024	79.976	75.0		
WXGA	* 1360X768	47.7	60.0	15.6/18.5 16:9	
WXGA+	* 1440X900	55.469	60.0	17/19 16:10	
WXGA+	* 1600X900	55.906	60.0	17.3/20 16:9	
WSXGA+	* 1680X1050	64.7	60.0	22 16:10	
WUXGA	* 1920X1080	67.2	60.0	21.5/23 23.6/24 16:9	

Specification

Panel	Panel Type	LED- Backlit TFT LCD
	Panel Size	24 - inch
	Resolution	1920x1080
	Pixel Pitch	0.2715x0.2715mm
	Brightness	250 cd/m2 (Typical)
	Display Color	16.7 M
	Contrast Ratio	1000:1 (Typical)
	Panel Lifespan	40,000 Hours
	Response Time	8 ms (GTG)
	Input	Analog
HDMI		Support
DVI		Support
Audio	Audio In	3.5 ø mm audio jack
	Speaker	2W x 2
Power	Power Supply	Internal
	Voltage & Frequency	110-240 V, 50 - 60 Hz
	Power consumption	Max. 30 Watt, 0.3A (ON mode) Max. 0.24 Watt, 2.5 mA (Standby mode)
Dimension	Monitor (LxWxH)	574x190x403 mm
VESA	VESA FPMPI	Yes (100 x 100 mm)

