

# *USER'S GUIDE*

TFT LCD-MONITOR

**MODEL: PRESTIGIO P7240WD**



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## **Important Safety Instruction**

1. Read these instructions thoroughly and keep this user manual for future use.
2. Do not use the product near water. Never spill liquid of any kind of the products. Clean LCD monitor when power off. Never clean it with liquid cleanness or liquefier. Better use clean wet cloth carefully.
3. Do not place the product on an unstable cart, stand or table. Doing so may cause the product to fall, which can seriously damage it.
4. To ensure reliable operation, never block these ventilation slots by placing the product on a bed, rug or similar surface; This product should never be placed near or over a radiator or heat register; or installed in any enclosure that prevents proper ventilation.
5. Do not place any object on the power cord. Do not place this product where persons could walk on the power cord.
6. Never push objects of any kind through the ventilation slots at the back of the product. To do so could risk fire or electronic shock.
7. Do not attempt to service this product by yourself. Opening or removing covers may expose you to dangerous voltage that could cause fire or electronic shock. Refer all servicing needs to authorized service personnel.
8. Unplug this product from the wall outlet and contact authorized service personnel under the following conditions:
  - a. When the power cord or plug is damaged or frayed.
  - b. If a liquid has been spilled into or on the product.
  - c. If the product has been rained or spilled by water.
  - d. If the product has been dropped or the cabinet has been damaged.
  - e. If the product does not operate normally when operating instructions are followed, and product shows to be maintained.

# CHAPTER 1 PRODUCT

## 1.1 Features

- ☒ Multi-language OSD modification
- ☒ Compatibility with IBM VGA、extended VGA、VESA VGA、SVGA、XGA、SXGA、WXGA、SWXGA、UXGA modes
- ☒ With wide-range voltage. Ac 100-240V 60/50Hz available without double setting up
- ☒ Plug-in VESA DDC 1/2B standards, compatibility with Win9x/2000/XP system

## 1.2 Inspection List

Confirm equipment for LCD monitor as below:

- ☒ Monitor (and stand)
- ☒ Power Cord
- ☒ User Manual
- ☒ Signal Cable
- ☒ Audio line(optional)
- ☒ DVI Cable(optional)

Provided more equipments, please consult dealers for technical support and A/S service.

**Note:** please keep the original carton and packing materials for the requirement of monitor delivery in future.

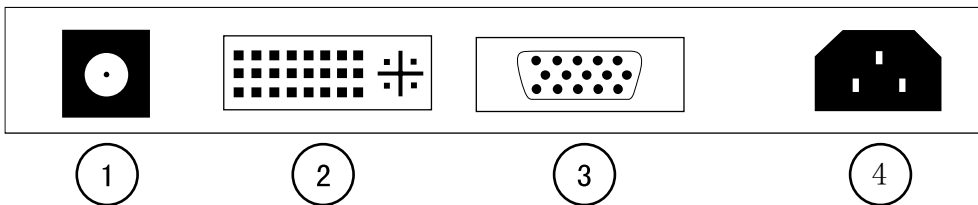
# CHAPTER 2 INSTALLATION

## 2.1 Connection

1. Turn off computer and unplug power cord.
2. To connect signal cable with 15pin into VGA out hole on the back of monitor, and to be sure to tighten switches on both ends of signal cable.
3. To plug PC and monitor power cords to the nearest socket.
4. Turn on PC and monitor, image possibility shows successful installation.  
If not , please double check all the connections.

**NOTES: 1. To connect signal cable and plug power cord to be assure monitor safety on process of installation.**

**2. To avoid monitor damaged, please handle the centre part of front cover while it installation.**

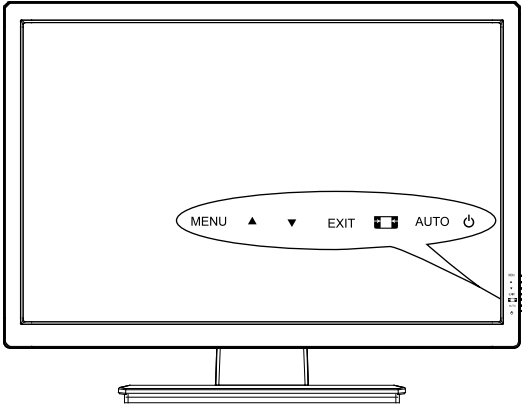


### MONITOR INPUT CONNECTIONS:

1. VGA signal input
2. DVI signal input(optional)
3. Audio input(optional)
4. AC power input

# CHAPTER 3 MONITOR

## 3.1 Front Panel Controls



1	MENU	Press it to open the OSD Menu, to select Menu options when the OSD Menu is displayed.
2	▲	Up selection button; Increase the value of a selected option. Hot key to adjust brightness when OSD menu is not shown.
3	▼	Down selection button; Decrease the value of a selected option. Hot key to increase contrast when OSD menu is not shown.
4	EXIT	To exit OSD menu when OSD is shown; Hot key to adjust volume. (optional)
5		Switch the display mode: 16:10    AUTO    4:3
	AUTO	Press this key three second to change the video input signal either D-Sub.
7		Power on or off. Power Indicator; LED-ON Normal; LED flicker; Power Saving; LED-OFF: power Off.

# *CHAPTER 4*

## *FUNCTION OPERATION*

### **4.1 Power Switch**

Press this button to turn on or off the monitor. Note: It will not cut off power supply. But to unplug pin from the socket.

### **4.2 Power Indicator**

Led power indicator:

Blue or green: normal;

Flicker: power saving;

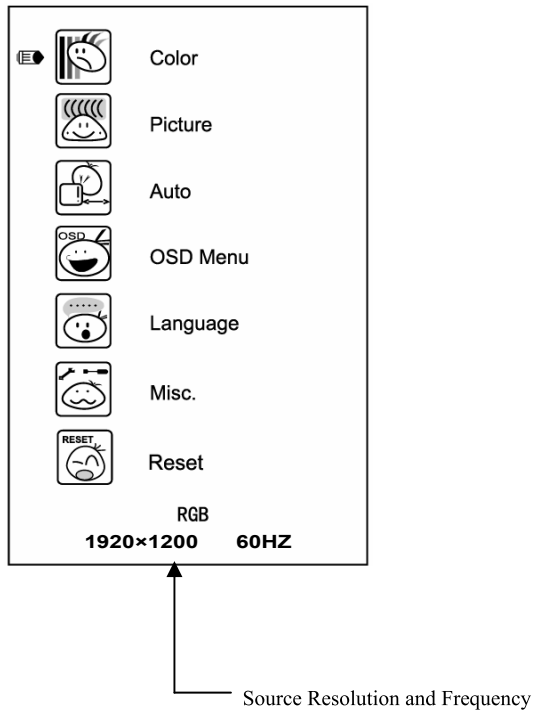
Off: power off.

### **4.3 Operate Explanation**


Your LCD has been adjusted to its optimal status before shipment. You can also adjust the image in accordance with the following illustrations and steps.

- Press the “menu” button to start the OSD feature.
- Click the “▲” or “▼” to select the function to be adjusted.
- Click the “MENU” button to access into the function to be adjusted.
- Click the “▲” or “▼” button to change the current setting of the function.
- To exit OSD menu or go back to the previous action by “EXIT”
- To repeat above steps for changing the setting of the other function.

## 4.4 OSD control



The monitor modify standards directly through below keys not menu :

- ◆ Contrast: Press ▲ to adjust the contrast.
- ◆ Brightness: Press ▼ to adjust the brightness.
- ◆ Auto setup: Press “AUTO” without this menu.
- ◆ Switch the display mode ( **16:10 AUTO 4:3** ): press “” without this menu.



## OSD MENU

Primary Directory	Secondary Directory	Description
<b>Color</b>	<b>Contrast</b>	Adjust the contrast of the image.
	<b>Brightness</b>	Adjust the brightness of the screen.
	<b>Color Temp</b>	Set up the color Temp. to be 9300K、6500K、5500K、USER (red, green, blue) to adjust red/green/blue.
<b>Picture</b>	<b>H. Position</b>	Move the image left and right on the screen.
	<b>V. Position</b>	Move the image up and down on the screen.
	<b>Clock</b>	Adjust the clock pulse of the image.
	<b>Phase</b>	Adjust the focus of image.
<b>Auto</b>	<b>Auto Adjust</b>	Set up to adjust clock, phase and position automatically.
	<b>Auto Color</b>	Set up the audio to be mute on or off.
<b>OSD Menu</b>	<b>OSD H. Position</b>	Move the OSD left and right on the screen.
	<b>OSD V. Position</b>	Move the OSD up and down on the screen.
	<b>OSD Timer</b>	Select OSD display time ON.
		Select OSD display time OFF.
		Adjust OSD display time setting.
<b>Language</b>	<b>English</b>	Select the language you want
	<b>Francais</b>	
	<b>Deutsch</b>	
	<b>Espanol</b>	
	<b>Italiano</b>	
	<b>Japanese</b>	
	<b>한국어 Korean</b>	
	<b>Simplified Chinese</b>	
<b>Others</b>	<b>Signal Selection</b>	Select D-SUB signal or DVI signal (optional)
	<b>Volume (optional)</b>	Adjust the volume of the audio.
	<b>MODE</b>	Select PC、GAME、MOVIE display mode.
	<b>ASPECT RATIO</b>	Select 16:10、AUTO、4:3 display image
	<b>DCR MODE</b>	<b>on off</b>
<b>Reset</b>	Restore to factory settings.	

# CHAPTER 5 SPECIFICATIONS

## 5.1 Specifications LM2410W

Max resolution	1920×1200/UXGA
Display Color	16.7M
Pixel Pitch	0.270mm×0.270mm
Brightness	300cd/m <sup>2</sup> (min)/400cd/m <sup>2</sup> (typical)
Contrast Ratio	700:1(min)/1000:1 (typical)
Response time	5ms(typical)
Viewing Angle	160 <sup>0</sup> (H)/160 <sup>0</sup> (V) (typical)
Display Area	518.4mm(H)×324.0mm(V)
Signal Mode	Video Signal:0.7Vpp 75Ω,DVI(optional)
Sync.Frequency	Horizontal 30KHz-80kHz/Vertical 55Hz-76Hz
Max Bandwidth	165MHz
Lamp life	50000hrs
Power Supply	AC100-240V, 60/50Hz
Speaker	2W×2(optional)
Power Consumption	100W
Dimension	594mm(W)×454mm(H)×205mm(D)

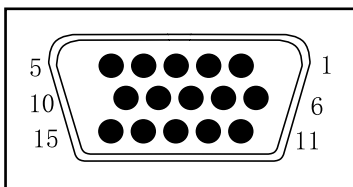
**NOTE:** any change on above specification without further notice.

## 5.2 Display Mode

DISPLAY MODE		Hori.sync.(kHz)	Vert.Snyc.(Hz)	Pixel.Clock(MHz)	Sync.Polarity(H/V)
VGA 640x480		31.469	59.940	25.175	-/-
		37.861	72.809	31.500	-/-
		37.500	75.000	31.500	-/-
SVGA 800x600		35.156	56.250	36.000	+/+
		37.879	60.317	40.000	+/+
		48.077	72.188	50.000	+/+
		46.875	75.000	49.500	+/+
XGA 1024x768		48.363	60.004	65.000	-/-
		56.476	70.069	75.000	-/-
		60.023	75.029	78.750	+/+
SXGA	1152×864	67.500	75.000	108.000	+/+
	1280×1024	63.981	60.020	108.000	+/+
		79.976	75.025	135.000	+/+
WXGA	1440×900	55.9	59.8	140.000	-/+
SWXGA	1680×1050	65.29	59.954	146.25	-/+
UXGA	1920×1200	74.038	59.95	154.000	+/-

### 5.3 Signal Connection

PIN	SIGNAL	PIN	SIGNAL
1	Red	9	5 VDC
2	Green	10	Ground
3	Blue	11	Ground
4	No Connection	12	DDC SDA
5	Ground	13	Horizontal Sync
6	Red Ground	14	Vertical Sync
7	Green Ground	15	SCL DDC
8	Blue Ground		



D-SUB connector

### 5.4 Panel Inspection 9

Available pels rate higher than 99.99% on each LCD monitor.

However, less than 0.01% pels results in bright and dark dots while displaying.

## 5.5 Trouble Shooting

Here some solutions for customers to solve installation troubles. Provided the customers can't solve the problems described as below, please get back to the dealer for maintenance.

### **No Image**

- ◆ Check the connection between the computer and LCD monitor.
- ◆ Adjust brightness and contrast control.
- ◆ Check the LCD monitor in power-save condition or not.
- ◆ Check the power cord.
- ◆ Check the setting data of Win9x/2000/XP within display mode

### **Uneven color, color too dark, dark area distorted and white color is not white**

- ◆ Check monitor signal connection between the computer and LCD monitor.
- ◆ Use OSD Color Menu to adjust color.

### **Image too bright or too dark**

- ◆ Adjust brightness and contrast by OSD.

## 5.6 Special Notice

Only under normal condition can the quality of LCD products be assured during operation. Normal condition as following:

Temperature:  $20\pm 15^{\circ}\text{C}$ ;

Moisture:  $65\pm 20\%$ ;

Display image: continuously changing image. (Not freezing image)

For the LCD products, the phenomenon of image stagnation may appear when display the freezing image for a certain long time. All the display products including LCD may have this kind of image stagnation, and this is not a kind of defect.

In order to avoid the phenomenon of image stagnation, we suggest that the screen protection program be set when your PC or System is spare.