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Prestigio P3192W
LCD Monitor
User Manual

PRESTIGIO P3192W

Table of Contents

ENG	WARNING.....	2
	FOR YOUR SAFETY	2
	INTRODUCTION.....	3
	FEATURES	3
	SPECIAL NOTES ON LCD MONITORS.....	3
	UNPACKING AND CHECKING OF THE PACKAGE CONTENTS ..	4
	CLEANING	5
	HOW TO OPERATE THE MONITOR.....	6
	SUPPORTED TIMING	7
	HOW TO USE THE OSD(ON SCREEN DISPLAY)	8
	OSD OPERATING TABLE	11
	TO ADJUST THE VIEWING ANGLE.....	13
	POWER MANAGEMENT.....	13
	TROUBLESHOOTING PROCEDURES.....	14
	SAFETY RULES COMPLIANCE STATEMENT.....	15
	CE COMPLIANCE STATEMENT	15

WARNING: Do not operate the LCD monitor with unspecified power supply. Usage of incorrect voltage will cause malfunction and may cause fire or electric shock.

For Your Safety

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- **SAFE** storage temperature of the LCD Monitor is in a range of 0°C to +40°C.
- **DO NOT** install the monitor where sudden temperature changes may occur, or in humid, dusty, or smoky areas as it may cause fire, electric shock or damage.
- **PLACE** the monitor at least 4" (or 10 cm) away from the walls covering of ventilation slits or holes may cause fire.
- **BAD WEATHER CONDITIONS**
It is advisable not to operate the monitor during heavy thunderstorms as intermittent breaks in power may cause malfunction. Do not touch the plug under these circumstances as it may cause electric shock.
- **PROTECT and CORRECTLY USE THE CABLE**
Do not pull or bend the power cable and signal cable or place the monitor or any heavy objects on the cables. If the cables are damaged, they may cause fire or electric shock.
- **DISCONNECT CABLES WHEN MOVING THE MONITOR**
When moving the monitor, always turn off the switch, unplug the monitor, and disconnect the signal cable. If the cables are not properly disconnected when moving the monitor, it may cause fire or electric shock.
- **IMMEDIATELY STOP OPERATING THE MONITOR WHEN YOU DETECT ANY ABNORMAL OCCURENCE**
If you notice any abnormal phenomenon such as strange noise, smoke or smells, unplug the monitor and contact your dealer or the nearest service center immediately.
- **DO NOT USE THE MONITOR NEAR WATER**
Operating the monitor in close proximity to water where the water may be spilt or splashed onto the monitor may cause fire or electric shock.
- **DO NOT PUT ANY FOREIGN OBJECT INSIDE THE MONITOR**
It may cause fire, electric shock or damage when operating the monitor with foreign objects inside.
- If you dropped any material or liquid such as water onto the monitor when cleaning, unplug the power cable immediately and contact your dealer or the nearest service center. Always make sure your hands are dry when unplugging the power cable.

Introduction

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Bright and sharp images of text and graphics are what you will find with your LCD color monitor. They provide a maximum resolution of 1440x900pixels with a flicker-free display at up to 60 Hz refresh rate and offer bright, sharp and vibrant color display without the radiation emission and hazards of CRT monitors.

Features

- Support WXGA+ resolution of 1440x900 pixels
- With LVDS (Low Voltage Differential Signaling)as interface
- Wide viewing angle
- Wide tilting angle
- VESA DPMS-compliant power saving: automatically powers down the monitor after a defined period of inactivity
- Power Build-in
Automatic set-up display
- Windows 95/98/2000/XP Plug & Play Compliant
Multifunctional OSD Interface
- Plug & Play: Conform to the VESA standards and support DDC2B/DDC-CI spec.

Special Notes On LCD Monitors

The following are normal with LCD monitors and do not indicate a problem.

- When first turning on the LCD monitor, if the picture does not fit in the display area, it is because of the type of computer that is used. In such case, adjust the picture position to its correct position. **(See the OSD Operating Table)**
- The screen may flicker during initial use. Turn off the power switch and then turn it on again the flickering should disappear.
- Users may notice a little uneven brightness on the screen depending on the desktop pattern they use. It is normal for LCD monitors to show such uneven brightness.
- If the screen becomes dark, flickers, or does not light-up, contact your dealer or the nearest service center for a backlight replacement. Do not attempt to replace it yourself.

Unpacking and Checking of the Package Contents

1. Before unpacking your LCD Monitor, prepare a stable, level and clean surface near a wall outlet for your LCD Monitor.
2. Set the LCD Monitor box in an upright position and open from the top of the box before removing the right/left cushions.

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❖ Accessories

Picture	Name	Length	Quantity
	Power Cord	1.5m	1 pcs
	VGA Cable	1.8m	1 pcs
	Audio Cable (Audio Model only)	1.8m	1 pcs
	DVI-D Cable (Dual Model only)	1.8m	1 pcs (option)
	User Manual	/	1 pcs
	Warranty Card	/	1 pcs

❖ Connectivity Chart

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❶ Audio in	Connect with Audio cable. (Audio Model only)
❷ VGA connector	Connect with VGA cable.
❸ Power	Plug into the AC wall socket.
❹ DVI connector	Connect with detachable DVI cable (Dual Model only)

Cleaning

Caution

- For safety reasons, turn-off the power switch and unplug the monitor before cleaning.
- Never use any of the following solvents on the LCD monitor. Such harsh chemicals may cause damage to the cabinet and the LCD screen.
Thinner Spray-type cleaner Benzene Wax Abrasive cleaner Acid or Alkaline solvent

Cabinet

- Remove dirt with a lightly moistened cloth and a mild solvent detergent. Then wipe the cabinet with a soft dry cloth. Rubbing the cabinet with products made of rubber or plastic for a long period of time may cause degeneration or loss of paint on the cabinet.

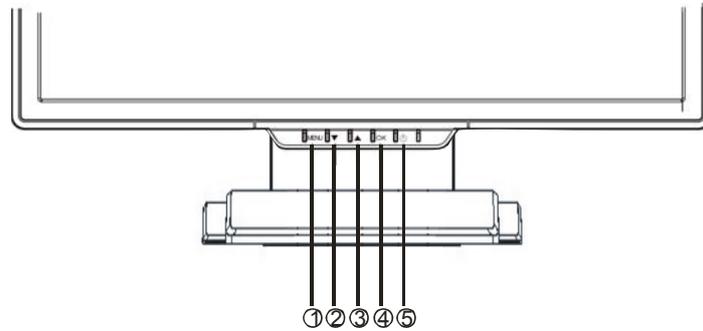
LCD

- Periodic cleaning with a soft dry cloth is recommended. Do not scratch or rub the screen with a hard object. Do not use tissue to clean the screen. It may damage the LCD screen.

How to Operate the Monitor

Users can adjust the picture to the desired brightness and sharpness by following the instructions.

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<i>Buttons</i>		<i>Functions</i>
①	MENU	To access the main menu Enters the option or sub-menu
②	▼	Counter-clockwise movement in the OSD menu Decreases function setting level
③	▲	Clockwise movement in the OSD menu Increases function setting level
④	OK	Auto Configure: Automatically adjusts clock, phase and image positions to optimal state Exit OSD Menu
⑤	Power Switch	Power ON/OFF the monitor Green – Normal operation Amber – Power Management

Supported Timing

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Standard		Resolution	Horizontal Frequency	Vertical Frequency	
VESA	VGA	640 x 480	31.5 KHz	60 Hz	
			37.5 KHz	75 Hz	
			37.9KHz	72Hz	
			720 x 400	31.5 KHz	70.1 Hz
	SVGA	800 x 600	35.2 KHz	56.3 Hz	
			37.9 KHz	60.3 Hz	
			46.9 KHz	75.0 Hz	
			48.1 KHz	72.0 Hz	
	XGA	1024 x 768	48.4 KHz	60.0 Hz	
			56.5 KHz	70.1 Hz	
			60.0 KHz	75.0 Hz	
	SXGA	1280 x 1024	63.98 KHz	60.02 Hz	
			79.97 KHz	75.02 Hz	
		1280x800	49.6 KHz	60 Hz	
62.6 KHz			75 Hz		
WXGA+	1440 x 900	55.94KHz	59.89Hz		
Macintosh	VGA	640 x 480	35.0 KHz	66.7 Hz	
		832 x 624	49.7 KHz	74.6 Hz	

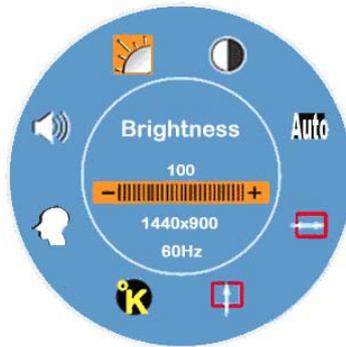
How to Use the OSD (On Screen Display)

❖ Structure of OSD

OSD function allows user to easily adjust the display to the desired quality. The OSD menu includes one main menu, one sub-menu of Advanced Setup and another sub-menu of Color Temperature.

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Main Menu



- ☞ Press the **MENU** key to bring up the OSD Main-Menu which allow user to adjust all the value settings of “BRIGHTNESS”, “CONTRAST”, “H-POSITION”, “V-POSITION”, “COLOR TEMPERATURE”, and “VOLUME” by clicking the “▼” or “▲” key. (See the OSD Operating Table)

❖ ADVANCED SETUP

■ After the Main Menu popped up

- ☞ Press the ▼ OR ▲ key to have the Advance Setup option selected and highlighted. Then, click on the **MENU** key to have the sub-menu popped up to proceed adjustment on each item (See the OSD Operating Table)
- ☞ Adjusted press the **OK** to exit the sub-menu
- ☞ Press the ▼ OR ▲ key to select the feature which needs to be adjusted Or press the **OK** again to exit the Main Menu
- ☞ Press **RESET** to set all user settings return to the factory preset value.

❖ COLOR TEMPERATURE

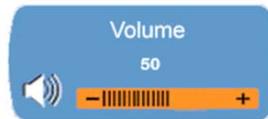
■ After the Main Menu popped up

- ☞ Press the ▼ OR ▲ key to have the Color Temperature option selected and highlighted.
- ☞ Then, click on the **MENU** key to have the sub-menu popped up to proceed adjustment on each item (**See the OSD Operating Table**) Adjusted Press the **OK** to exit the sub-menu
- ☞ Press the ▼ OR ▲ key to select the feature which needs to be adjusted, or press the **OK** again to exit the Main Menu

❖ Hot Keys

■ Volume Level Adjustment(Audio Model only)

- ☞ Press the ▲ key, the volume level adjustment interface will pop up right after. Then click on the ▼ or ▲ keys, the volume level can be easily adjusted (▲ for level increasing, ▼ for level decreasing)
- ☞ Press the **OK** to exit the Volume Level Adjustment dialog or the dialog will disappear itself automatically in a few seconds.



■ Mute/Un-mute(Audio Model only)

- ☞ Press the ▼ key, the Mute function will be activated right after, and the indicated interface will pop up as well. Then, press the ▼ or ▲ key again, the Un-Mute function will be activated, and the indicated image will pop up right after.
- ☞ Press the **OK** exit the Muting Function or the dialog will disappear itself automatically in a few seconds.



■ Auto Config(Disabled in DVI Mode)

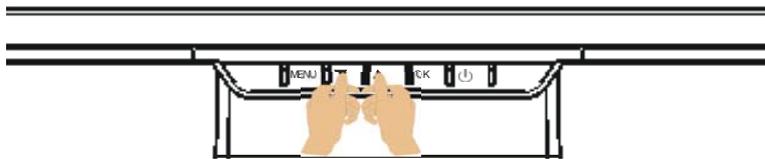
- ☞ Press the **OK**, the Auto Configure function will be executed, and the system will be set as the optimal condition after the execution, then the dialog will disappear itself automatically in a few seconds.



■ Input Signal Swapping between Analog and Digital(Dual Model only)

While the Analog signal is “on”

- ☞ Press both ▼ and ▲ keys at the same time, and hold the keys for one second for activating the input sourcing of Digital, and the DVI indicator  will appear in upper right corner, then the Analog Signal will be disabled right then. Therefore, If press both ▼ and ▲ keys at the same time again, and hold the keys for one second could activate the input sourcing of Analog back again, and the Analog indicator  will be showed up in the upper right corner as well.



❖ Special Notes for DVI Input

In DVI mode, the **H- POSITION**, **V- POSITION** and **AUTO ADJUST** features will be disabled in the Main Menu. The indicators ,  and  will be turned into white color.

At the same time, the **CLOCK** and **PHASE** features will be disabled in Sub Menu as well, and the background color of both indicators  and  will be turned into white.



OSD Operating Table

❖ Main Menu

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Main Menu	Function Name	Situation/Option
	BRIGHTNESS	Adjust Brightness level
	CONTRAST	Adjust Contrast level
	AUTO ADJUST	Automatically adjusts clock phase and image positions to optimal state (Disabled in DVI Mode)
	H- POSITION	Adjust screen horizontal position (Disabled in DVI Mode)
	V- POSITION	Adjust screen vertical position (Disabled in DVI Mode)
	COLOR TEMPERATURE	sRGB: This is quickly becoming the industry standard for color management, Enabling the sRGB setting will cause the Contrast and Brightness adjustments to be disabled. Native : reddish(Preset Color) Cool : bluish Warm : yellowish User Color : Adjust Red, Green, Blue color
	ADVANCED SETUP	Enter the advanced setup to adjust the OSD Timer, Languages, Clock, Phase, OSD Position and Reset
	VOLUME	Adjust Volume level (Audio Model only)

Note: Press **MENU** button to pop up the main OSD menu and press **MENU** button again to enter the brightness adjustment state to adjust the brightness to the desired value by pressing ▼ or ▲ key. The adjust range is from 0 to 100. Press **OK** button to exit at any time

❖ SUB-MENU

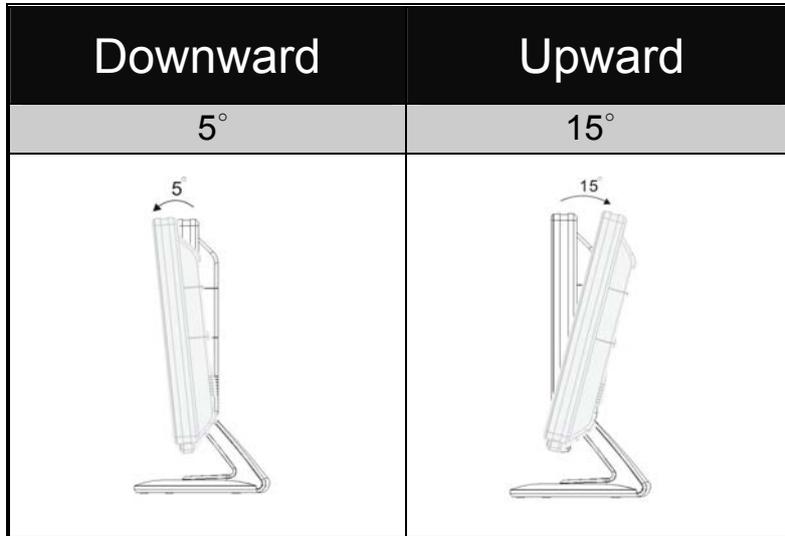
Main Menu	Sub Menu	Function Name	Situation/Option
		RED	Adjust the value of red color as desired
		GREEN	Adjust the value of green color as desired
		BLUE	Adjust the value of blue color as desired
		TIME OUT	Determine the time that the OSD menu displays on the screen
		LANGUAGE	Select the desired language
		CLOCK	Adjust the PLL parameters to allow the operator control over the synchronization of the PLL clock(Disabled in DVI Mode)
		PHASE	Adjust the PLL parameters to allow the operator control over the synchronization of the PLL clock(Disabled in DVI Mode)
		RESET	Set all user settings return to the factory preset value
		V- POSITION	Adjust OSD vertical position
		H- POSITION	Adjust OSD horizontal position

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Note: Press **MENU** button to enter the selection state .Next press ▼ and ▲ key to adjust the selection to the desired value on selected item. Press **OK** button to return to the main OSD menu, Press **OK** button to exit at any time

To Adjust the Viewing Angle

The viewing angle can be adjusted from downward 5 to upward 15 for optimal view angle setting. ($\pm 2^\circ$)



Power Management

The LCD Monitor complies with the VESA DPMS (version 1.0p) power management proposal. The VESA DPMS proposal provides three phases of power saving modes by detecting the horizontal or vertical sync signal.

Item	DPMS Mode	Display	Power LED	Power Consumption	Recovery Time	H-sync	V-sync
1	On	Normal	Green	Normal	---	On	On
2	No Signal	No Display	Amber	$\leq 1W$	3 sec	Off	On
					3 sec	On	Off
3	Off	No Display	Off	$\leq 1W$	---	Off	Off

Troubleshooting Procedures

If the LCD monitor fails to function correctly, please follow the following steps for a possible solution.

1. Perform the adjustments according to **How to Operating the Monitor**.
2. Refer to the following items if you cannot find a proper item listed in the **How to Operating the Monitor** or if the problem remains.

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PROBLEM	CHECK TO SEE
a) Power indicator does not light up.	If the power cord is firmly plugged in the socket.
	If the power switch is turned on.
	If the AC socket is "OK". Please check using another piece of equipment.
b) Power indicator is Green.	If the blank screen saver is active, touch the keyboard or mouse.
	Increase the CONTRAST and/or BRIGHTNESS.
	If the signal timing of the computer is within the spec of the monitor.
c) Power indicator is amber.	If the monitor is on power management mode, touch the keyboard or the mouse.
	If the computer is ON.
	Check if the VGA signal cable is loose.
d) Display is too dark or too bright.	Please adjust "Contrast" or "Brightness" to the appropriate position.
	If the video output level of the computer is within the spec.
e) Display is not in the center.	If the signal timing of the computer is within the spec.
	Please press "OK" button to perform auto adjustment.
f) Display is shaking.	If the power voltage is within the spec.
	If the signal timing of the computer is within the spec.

3. When "No Connection" menu pops up and keeps moving on the screen, please check if the VGA cable and DVI cable is connected correctly.
4. When "Out of Range" menu pops up and keeps moving on blank screen, please wait for 15 seconds or so, then the display will come back to normal state. Please check and adjust the timing of input signal to the appropriate one.
5. When "No Signal" menu pops up, please check if the power and PC are both on.
6. If the problem you have experienced is not described or you cannot correct the problem, stop using the monitor and contact your dealer or the nearest service center for further assistance.

Safety Rules Compliance Statement

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CE compliance statement

This LCD complies with the relevant CE standards, including:
EN 55022、EN55024、2004/108/EC and 2006/95/EC