

# U.S.FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

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## INFORMATION TO THE USER

**NOTE:** 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.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet of a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.
- Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- Connecting of peripherals requires the use of grounded shielded signal cables.

## Introduction

This manual contains instructions for installing and operating Prestigio P575/P595 LCD TFT Monitor. 17" / 19" LCD Monitor is a highly ergonomic color display unit.

- 17" viewable SXGA LCD / 19" viewable SXGA LCD
- High quality screen re-scaling capability
- 12V DC input voltage
- VESA DPMS (Display Power Management Signaling)
- VESA DDC1/2B compatibility
- Advanced digital On-Screen-Display controls
- Fast and accurate auto adjustment
- Most advanced image scaling

## Safety Information

This Monitor has been engineered and manufactured to assure your safety. You can prevent serious electrical shock and other hazards by keeping in mind the following:

- Do not place anything wet on the monitor or the power cord. Never cover the ventilation openings with any material and never touch them with metallic or inflammable materials.

- Avoid operating the monitor in extreme heat, humidity or areas affected by dust.
- Temperature :5~50°C, humidity :30~80RH
- Be sure to turn the monitor off before plugging the power cord into the socket. Make sure that the power cord and the other cords are securely and rightly connected.
- Overloaded AC outlets and extension cords are dangerous, as are frayed power cords and broken plugs, which may cause electric shock or fire. Call your service technician for replacement.
- Do not use sharp tools such as a pin or a pencil near the monitor, as they may scratch the LCD surface.
- Do not use a solvent, such as benzene, to clean the monitor, as it will damage the LCD surface.

## Cleaning and Maintenance

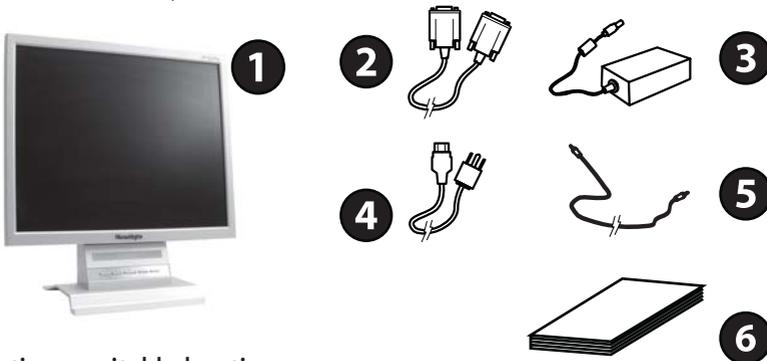
- To avoid risk of electric shock, do not disassemble the display unit cabinet. The unit is not user-serviceable. Remember to unplug the display unit from the power outlet before cleaning.
- Do not use alcohol (methyl, ethyl or isopropyl) or any strong dissolvent. Do not use thinner or benzene, abrasive cleaners or compressed air.
- Do not wipe the screen with a cloth or sponge that could scratch the surface.
- To clean your antistatic screen, use water and a special microfiber screen cleaning tissue used in optical lens cleaning, or lightly dampen a soft, clean cloth with water or a mild detergent.
- If the instructions above do not help in removing stains, contact an authorized service agent.

## Installing the monitor

### Packing List

The following items should be found in the packaging.

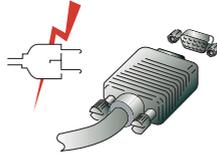
1. LCD Monitor
2. Signal Cable
3. AC / DC Adapter External Universal (DC 12V / 4.16A) (AC 100-240V / 1.7A)
4. Power Cord
5. Audio Cable
6. User's Guide + Warranty Card



### Selecting a suitable location

- Place the monitor at least 30cm from other electrical or heat-emitting equipment and allow at least 10cm on each side for ventilation.
- Place the monitor in a position where no light shines directly onto or is reflected on the screen.

- To reduce eye strain, avoid installing the display unit against a bright background such as a window.
- Position the monitor so that the top of the screen is no higher than eye level.
- Position the monitor directly in front of you at a comfortable reading distance (around 45 to 90cm).



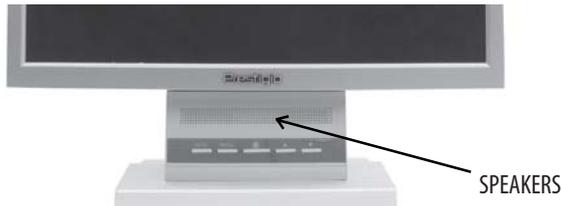
Before you start cabling your monitor, check that the power is off on all units.  
To avoid any possibility of electric shock, always connect your equipment to properly earthed outlets.

## Connecting the monitor

1. Insert the 15-pin signal cable connector into the 15-pin VGA connection on your computer and on the monitor and screw it down.
2. Plug adapter output cable to the jack at the rear of LCD monitor and the power cord to the adapter.
3. Connect the power cord to power source.
4. Turn on the computer and the monitor.
5. Turn on the power to the computer. The picture will appear within about 10 seconds. Adjust the picture to obtain optimum picture quality. See section Adjusting the picture in this guide for more information.

## Audio system

This monitor has an audio system including two micro loudspeakers. Each of two micro loudspeakers has 2 Watts output power.



## Setting the refresh rate

Follow the instructions below to set your refresh rate in Windows 98/ME/XP/2000.

1. Go to the configuration window (Start-Settings-Configuration window).
2. Double click on the 'Display' icon.
3. Click on the 'Settings' tab.
4. Click on the 'Advanced' button.
5. Click on 'Adapter' and select 60Hz from the list.
6. Click on 'Apply' to accept the selected value.

## Preset Timing Table

If the signal from the system isn't equal to the preset timing mode, adjust the mode with reference to the user guide of videocard because the screen may not be displayed.

The recommended setting is a resolution of 1280 x 1024 and a refresh rate of 60Hz.

No.	Horizontal Frequency	Refresh Rate	Resolution
1	31.5 KHz	70 Hz	720 x 400
2	31.5 KHz	60 Hz	640 x 480
3	37.5 KHz	75 Hz	640 x 480
4	37.9 KHz	60 Hz	800 x 600
5	46.9 KHz	75 Hz	800 x 600
6	48.4 KHz	60 Hz	1024 x 768
7	56.5 KHz	70 Hz	1024 x 768
8	60.0 KHz	75 Hz	1024 x 768
9	63.9 KHz	60 Hz	1280 x 1024
10	80.0 KHz	75 Hz	1280 x 1024

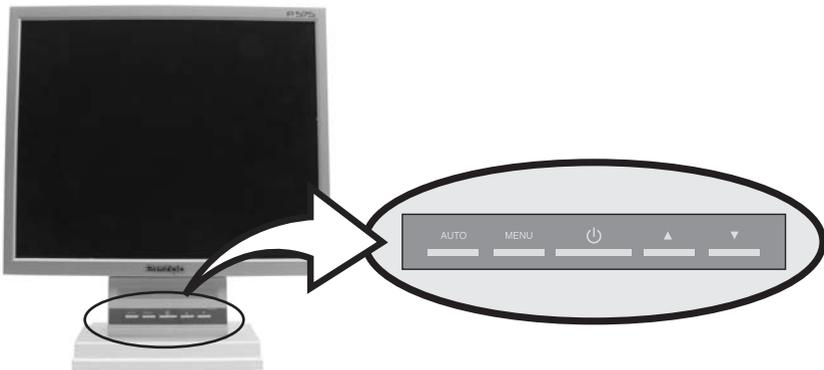
## User's Environment

Recommended Ergonomic User's Environment

- Viewing angle of the monitor should be between 0~20 degree.

## Adjusting the picture

You can adjust the screen display by using the buttons located below the screen.



# FUNCTION SETTING

SLIGHTLY DIFFERENT OSD FOR ALL CAPS.

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Different function settings are available for the different modes of signal input.

Menu Icon	Description
Auto Adjust	This function will automatically adjust the phase and Position to the best performance.
Luminance	Allow user to adjust the brightness and contract .
Geometry	Allows user to adjust H.position , V.position , Pixel clock , Phase.
Color	Allow user to adjust oringial color setting and favorite color setting.
Volume	Allow user to adjust the volume
Osd	Provide several setting options for your OSD Time out 0 position setting.
Langaue	Provide 8 different language for user setting.
Recall	Allow user for color recall and all recall to the original setting.
Miscellaneous	Provide user to adjust Sharpness , Display information .
Exit	Back to the Main menu

## TO ACTIVATE AND USE OSD

1. Press MENU on screen display as followj
2. Press  $\wedge / \vee$  to choose an item . . . while you indicated that item will change white to white.
4. Press  $\wedge / \vee$  to choose or adjust a setting.
5. Press MENU to go back to main menu.

## OSD Description

### Main Menu



### Auto Adjust

to activate the buttom , it will automatically adjust the phase and position till the best performance .

## Luminance



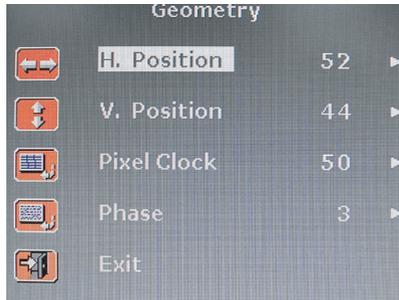
Press  $\wedge$ / $\vee$  to select an item while you indicated that item will change to white.

Adjustment Item  
 Brightness  
 Contrast  
 Exit

Press  $\vee$   
 Less brightness  
 Decrease contrast  
 Back to the sub menu

Press  $\wedge$   
 More brightness  
 Increase contrast

## Geometry



Adjustment Item  
 H.position  
 V.position  
 Pixel Clock  
 Phase  
 Exit

Press  $\vee$   
 Decrease horizontal size  
 Decrease Vertical size  
 Decrease pixel clock  
 Fine tune picture quality  
 Back to the sub menu

Press  $\wedge$   
 Increase horizontal size  
 Increase vertical size  
 Increase pixel clock

## Color

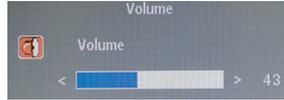


Four color presets (9300 / 6500 / 5800 / users preset ) select the desired color setting .

## User Preset

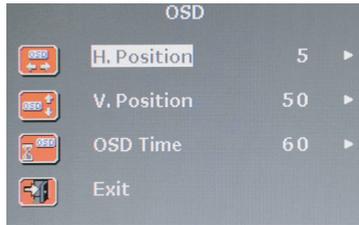
Provide user can select R.G.B.setting value by individually.

## Volume



Provide user can push V to decrease volume , ^ to increase volume .

## OSD



Adjustment Item  
 H.Position  
 V.Postion  
 Osd Time  
 Exit

Press V  
 Less brightness  
 Decrease contrast  
 Low color intensity  
 Back to the sub menu

Press ^  
 More brightness  
 Increase contrast  
 High color intensity

## Miscellaneous



sharpness: user can choose 1 >>>> 5 to tune up sharpness.  
 Display Information: provide current resolution and frequency.

## Exit

Back to the destop screen .

# Language

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Osd control munus are available in 8 languages ( English , Francais , Deutsch , Italiano , Espanol , Japanese , Chinse

# Recall



Users can choose color recall, to recall default setting .  
Or can choose to recall all, to recovery all values to original setting .

# Display power management

## Reducing power consumption

If the power management function of your computer is enabled, your monitor turns on and off automatically. You can control power management features from your computer.

Your computer may have power management features which enable the computer or moni-tor to enter a power saving mode when the system is idle. You can reactivate the system by pressing any key or moving the mouse.

Mode	LED	Power consumption
Normal	Green	40 W (Typ)
Off	Red	< 5 W (Typ)
Unplugged	Not illuminated	0 W

The power button does not disconnect the monitor from the mains.  
The only way to isolate the monitor completely from the mains supply is to unplug the mains cable.

## Troubleshooting

If your monitor is not functioning properly, you may be able to solve the problem by following the suggestions below:

Problem	Possible solution
Blank screen	<p>If the power LED is not lit, push the Soft power switch or check the AC cord to turn the monitor on. If the display unit is powered through the computer, check that the computer is switched on.</p> <p>The PC might be in standby mode. Push one of the keyboard keys. Check that the keyboard is properly connected to the computer.</p> <p>Check that the signal cable connector is properly connected and that the connection pins are not bent or damaged. If the connector is loose, tighten the connector's screws.</p>
Error message: Video mode not supported	Check that the power cable is correctly connected to the display unit and to the power outlet.
The display does not enter power management mode	Check the resolution and the frequency on the video port of your computer. Compare these values with the data in the Preset Timing Table.
Color defects	The video signal from the computer does not comply with VESA DPMS standard. Either the computer or the graphics adapter is not using the VESA DPMS power management function.
Size, position, shape or quality unsatisfactory	Check that the signal cable connector is properly connected and that the connection pins are not bent or damaged. Try another color temperature.
Duplicated images	Adjust the picture characteristics as described in the section OSD Adjustment.
Image is not stable	<p>A problem with your graphics adapter or display unit. Contact your service representative.</p> <p>Check that the display resolution and frequency from your PC or graphic adapter is an available mode for your monitor. In your PC, you can check through Control panel, Display, Settings.</p> <p>If the setting is not correct, use your computer utility program to change the display settings.</p>
Message : No signal	<p>Check that the signal cable connector is properly connected and that the connection pins are not bent or damaged.</p> <p>If the connector is loose, tighten the connector's screws. Check that the computer is switched on.</p> <p>To enter a power saving mode. You can reactivate the system by pressing any key or moving the mouse.</p>
The power LED is a red color	<p>LED Indicator can be orange color on changing of video mode or Input Signal (D-sub/DVI).</p> <p>Check the Resolution and the frequency on the video part of your computer. Compare these values with the data in the Preset Timing Table.</p>

## Contacting service

If the above troubleshooting hints do not help you find a solution to the problem, contact an authorized service agent.

If the monitor is sent for service, use the original package if possible.

Unplug the display unit from the power outlet and contact a service agent when:

- The monitor does not operate normally according to the operating instructions.
- The monitor exhibits a distinct change in performance.
- The monitor has been dropped or the cabinet has been damaged.
- The monitor has been exposed to rain, or water or liquid has been spilled onto the monitor.

## Specifications

### LCD

17"viewable TFT LCD

19"viewable TFT LCD

### Brightness

300 cd/m<sup>2</sup>

### Response Time

8 ms / 12 ms

### Contrast Ratio

500:1 (700:1 for models with Samsung panel)

### Input signals

R.G.B Analog, 15 pin D-sub, DVI

### Frequency rate

Horizontal: 30.0 to 80.0 KHz,

Vertical: 55 to 75Hz

### Maximum bandwidth

135 MHz

### Maximum resolution

1280 x 1024@75Hz

### Recommended resolution

1280 x 1024@60Hz,

### Input voltage

12 V DC, 4.16A

### Power consumption

<40W

### Power management

VESA DPMS

### Plug & Play

VESA DDS 1/2B

### OSD menu

BRIGHTNESS / CONTRAST, COLOR CONTROL, CLOCK / PHASE,

OSD CONTROL

### Audio system

2ch x 2 Watts

### Ergonomics

TCO, FCC Class B, CE,

### Safety and EMC

MPR-II, GOST R 50949-2001

### Operating Temperature

5~50°

### Weight

4.2 Kg unpacked, 5.1 Kg packed

### Dimensions (W x H x D)

375 x 370 x 170 mm

- Specification is subject to change without notice for performance improvement.