

U.S.FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

INFORMATION TO THE USER

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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 P577/P597 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

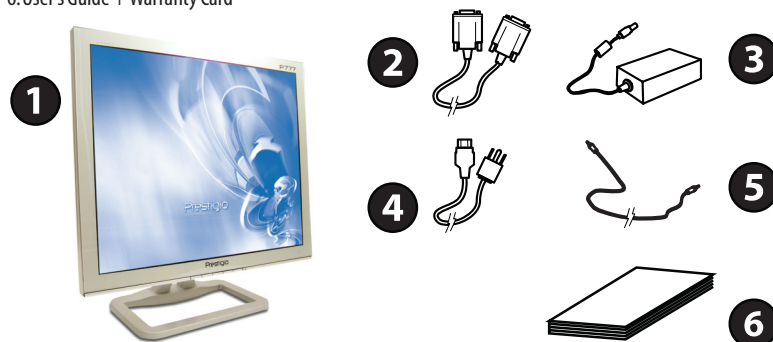
- To avoid risk of electric shock, do not disassemble the display unit cabinet. The unit is not user-serviceable. Remember to unplug the display unit from the power outlet before cleaning.
- Do not use alcohol (methyl, ethyl or isopropyl) or any strong dissolvent. Do not use thinner or benzene, abrasive 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.

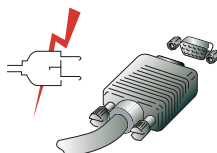
1. LCD Monitor
2. Signal Cable
3. AC / DC Adapter External Universal (DC 12V / 4.16A) (AC 100-240V / 1.7A)
4. Power Cord
5. Audio Cable
6. User's Guide + Warranty Card



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 an 2Wrms (max.) 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.



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Using the On Screen Display

1. Push the MENU button to call the OSD to the screen. The resolution and frequency are displayed at the bottom of the menu box for your information.
2. Push the $\wedge$ or $\vee$ button to choose the item you want to adjust. The selected item is highlighted.
3. Push the MENU button to enter the highlighted item.
4. Use $\vee$ or $\wedge$ to choose the subitem.
5. Push Menu to adjust the highlighted subitem.
6. Use the $\wedge$ or $\vee$ button to adjust the selection.
7. The display unit automatically saves the new settings in 1 second after your last adjustments and the menu disappears. You can also push the EXIT button to make the menu disappear.

Direct access button

AUTO

At first display a full screen such as Window's back ground. Push the button AUTO to adjust the shape of screen automatically. Push the button MENU to confirm adjustment results.

OSD MENU

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A. Main Menu

If you push the "MENU" key, will appear this main menu page, you can use the "UP" or "ADJ.+" AND "Down" or "ADJ.-" key (appear Pic1) to select the function you need.



PIC1

The end of this page will be shown the working resolution and frequency.

a. AUTO SET

If You select AUTO SETUP function on OSD MAIN MENU and push the MENU key. (appear Pic2) In this function, that will active the auto adjusting for the picture.



PIC2

b. BRIGHTNESS

If You select BRIGHTNESS function on OSD MAIN MENU and push the MENU key. (appear Pic3) In this function, You can push ADJ+ or ADJ- key to increase or decrease backlight current of the inverter. You can push MENU key to quit this function.



PIC3

c. BACKLIGHT

If You select BACKLIGHT function on OSD MAIN MENU and push the MENU key. (appear Pic4A) In this function, you can push ADJ+ or ADJ- key to increase or decrease the brightness for the lamps of panel.

You can push MENU key to quit this function.

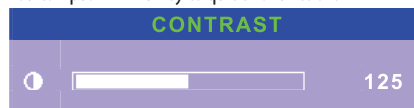


PIC4A

d. CONTRAST

If You select CONTRAST function on OSD MAIN MENU and push the MENU key. (appear Pic4) In this function, You can push ADJ+ or ADJ- key to increase or decrease video gain of the picture.

You can push MENU key to quit this function.

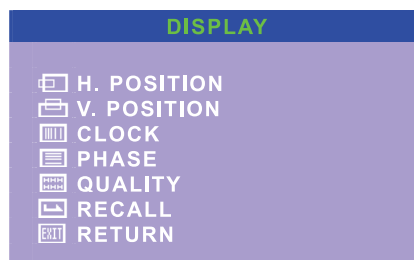


PIC4

e. DISPLAY

If You select DISPLAY ADJUST function on OSD MAIN MENU and push the MENU key.

In this mode, that will into the sub-page (appear Pic5) to adjust display's function of the picture.



PIC5

1. H. POSITION

If You select H.POSITION function on OSD DISPLAY MENU and push the MENU key. (appear Pic6)
In this function, You can push ADJ+ or ADJ- key to Shift Left or Right the picture in horizontal position.
You can push MENU key to quit this function.



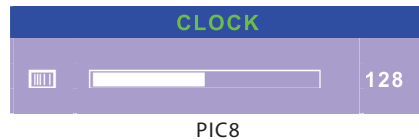
2. V. POSITION

If You select V.POSITION function on OSD DISPLAY MENU and push the MENU key. (appear Pic7)
In this function, You can push ADJ+ or ADJ- key to Shift UP or DOWN the picture in vertical position.
You can push MENU key to quit this function.



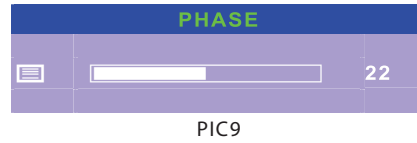
3. CLOCK

If You select CLOCK function on OSD DISPLAY MENU and push the MENU key. (appear Pic8)
In this function, You can push ADJ+ or ADJ- key to increase or decrease the pixel clock frequency of the picture.
You can push MENU key to quit this function.



4. PHASE

If you select PHASE function on OSD DISPLAY MENU and push the MENU key. (appear Pic9)
In this function, You can push ADJ+ or ADJ- key to shift the pixel clock phase of the picture.
You can push MENU key to quit this function.



5. QUALITY

If You select QUALITY function on OSD DISPLAY MENU and push the MENU key. (appear Pic10)
In this function, You can push ADJ+ or ADJ- key to change scanning filter of the picture.
If input resolution is best recommend of LCD panel specifications.
The function is not working.
You can push MENU key to quit this function.



6. RECALL

If You select RECALL function on OSD DISPLAY MENU and push the MENU key.
In this mode, that could recall the value for the H. POSITION, V.POSITION, CLOCK, PHASE and QUALITY.

7. RETURN

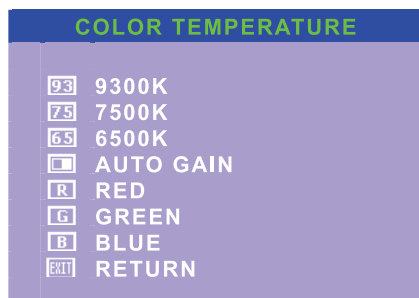
If You select RETURN function on OSD DISPLAY MENU and push the MENU key.
OSD menu from DISPLAY menu (Pic5) change to MAIN MENU (Pic1)

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8. COLOR TEMPERATURE

If You select COLOR TEMPERATURE function on OSD MAIN MENU and push the MENU key.

In this function, that will into the sub-page (appear Pic11) to adjust the display color of the picture



PIC11

1. 9300K

If You select 9300K function on COLOR TEMPERATURE menu and push the MENU key.

In this mode, that could recall the value for the color temperature of 9300K.

2. 7500K

If You select 7500K function on COLOR TEMPERATURE menu and push the MENU key.

In this mode, that could recall the value for the color temperature of 7500K.

3. 6500K

If You select 6500K function on COLOR TEMPERATURE menu and push the MENU key.

In this mode, that could recall the value for the color temperature of 6500K.

4. AUTO GAIN

If You select AUTO GAIN function on COLOR TEMPERATURE menu and push the MENU key.

In this mode, that could active the auto white balance adjusting.

5. RED

If You select RED function on COLOR TEMPERATURE menu and push the MENU key. (appear Pic12)

In this function, You can push ADJ+ or ADJ- key to increase or decrease the R gain in user's mode of color temperature.

You can push MENU key to quit this function.

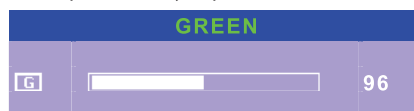


PIC12

6. GREEN

If You select GREEN function on COLOR TEMPERATURE menu and push the MENU key. (appear Pic13)

In this function, You can push ADJ+ or ADJ- key to increase or decrease the G gain in user's mode of color temperature. You can push MENU key to quit this function.

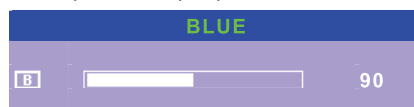


PIC13

7. BLUE

If You select BLUE function on COLOR TEMPERATURE menu and push the MENU key. (appear Pic14)

In this function, You can push ADJ+ or ADJ- key to increase or decrease the R gain in user's mode of color temperature. You can push MENU key to quit this function.



PIC14

8. RETURN

If You select RETURN function on OSD DISPLAY MENU and push the MENU key.

OSD menu from DISPLAY menu (Pic11) change to MAIN MENU (Pic1)

9. LANGUAGE

In this mode, that could into the sub-page (Pic15) to select the language for OSD display.

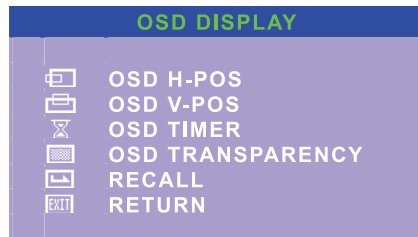


PIC15

10.OSD DISPLAY

If You select OSD DISPLAY function on OSD MAIN MENU and push the MENU key.

If you select this function will into the sub-page (Pic16) to adjust the display's function for OSD.



PIC16

1.OSD H-POS

If You select OSD H-POS function on OSD DISPLAY MENU and push the MENU key.(Pic17)

In this function, You can push ADJ+ or ADJ- key to Shift Left or Right the horizontal position of OSD display.

You can push MENU key to quit this function.



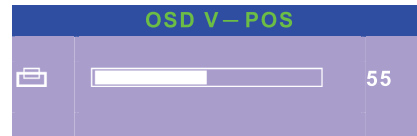
PIC17

2. OSD V-POS

If You select OSD V-POS function on OSD DISPLAY MENU and push the MENU key.(Pic18)

In this function, You can push ADJ+ or ADJ- key to Shift UP or DOWN the vertical position of OSD display.

You can push MENU key to quit this function.



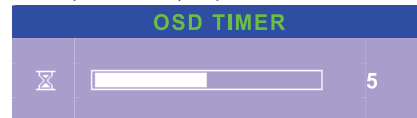
PIC18

3. OSD TIMER

If You select OSD TIME function on OSD DISPLAY MENU and push the MENU key.(Pic19)

In this function, You can push ADJ+ or ADJ- key to increase or decrease the time of OSD display. Except "0" is always display.

You can push MENU key to quit this function.



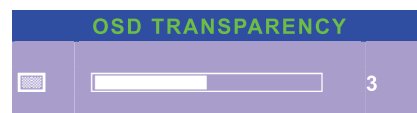
PIC19

4. OSD TRANSPARENCY

If You select OSD TRANSPARENCY function on OSD DISPLAY MENU and push the MENU key.(Pic20)

In this function, You can push ADJ+ or ADJ- key to increase or decrease the transparency of OSD display.

You can push MENU key to quit this function.



PIC20

5.RECALL

If You select RECALL function on OSD DISPLAY MENU and push the MENU key.

In this mode, that could recall the value for the OSD H-POS, OSD V-POS, OSD TIMER and OSD TRANSPARENCY

6.RETURN

If You select RETURN function on OSD DISPLAY MENU and push the MENU key.

OSD menu from DISPLAY menu (Pic16) change to MAIN MENU (Pic1)

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11. VGA / DVI INPUT

If You select VGA/DVI function on OSD MAIN MENU and push the MENU key.

In this function, that will into the sub-page (appear Pic21) to select input source.



PIC21

1. ANALOG INPUT

If You select ANALOG INPUT function on VGA/DVI menu and push the MENU key.

The input signal from VGA.

2. DIGITAL INPUT

If You select DIGITAL INPUT function on VGA/DVI menu and push the MENU key.

The input signal from DVI.

If no DVI input connector, Signal automatic select VGA input.

3. RETURN

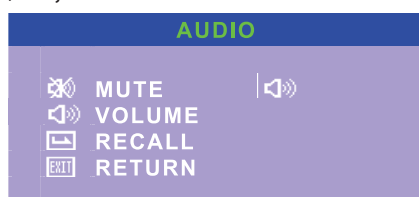
If You select RETURN function on VGA/DVI menu and push the MENU key.

OSD menu from DISPLAY menu (Pic21) change to MAIN MENU (Pic1)

12. AUDIO

If You select AUDIO function on OSD MAIN MENU and push the MENU key.

In this function, that will into the sub-page (appear Pic22) to adjust the audio function.



PIC22

1. MUTE

If You select MUTE function on AUDIO menu and push the MENU key.

That could switch the audio mode is mute.

If push MENU key again, That could switch the audio mode is um-mute

2. VOLUME

If You select VOLUME function on AUDIO and push the MENU key.(Pic23)

In this function, You can push ADJ+ or ADJ- key to increase or decrease

the audio volume.

You can push MENU key to quit this function.



PIC23

3. RECALL

If You select RECALL function on AUDIO menu and push the MENU key.

In this mode, that could recall the value for the MUTE and VOLUME.

4. RETURN

If You select RETURN function on AUDIO menu and push the MENU key.

OSD menu from DISPLAY menu (Pic22) change to MAIN MENU (Pic1)

13. RECALL

If You select RECALL function on MAIN MENU and push the MENU key.

In this mode, that could recall the value for the all you can adjust function.

14: EXIT

If You select EXIT function on MAIN MENU and push the MENU key.

That could quit the OSD menu.

B. Hot Key :

- a. That could push the "Adj +" or "UP" key to switch the mode of audio mute.
- b. That could push the "Adj -" or "DOWN" key to adjust the volume of audio output.
- c. If the monitor is no signal input, and the same time, to push the "Power on/off" key keep 5 seconds, that could into the burn-in mode, until the signal input is on.

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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 monitor 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	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. The PC might be in standby mode. Push one of the keyboard keys. Check that the keyboard is properly connected to the computer. 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.
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.

Problem	Possible solution
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	A problem with your graphics adapter or display unit. Contact your service representative. 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. If the setting is not correct, use your computer utility program to change the display settings.
Message : No signal	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. Check that the computer is switched on. To enter a power saving mode. You can reactivate the system by pressing any key or moving the mouse.
The power LED is a red color	LED Indicator can be orange color on changeing of video mode or Input Signal (D-sub/DVI). Check the Resolution and the frequency on the video part of your computer. Compare these values with the data in the Preset Timing Table.

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.

Technical Specification - Prestigio P577

Display Panel

17 inch TFT LCD Panel

Screen Dimension

432 mm

Display Area

337.920 (H) X 270.336 (V) mm

Display Mode

Normally White

Recommended Resolution

1280 (X 3) X 1024

Pixel Pitch

0.264 (per one triad) X 0.264 mm

Luminance

300 (Typ) cd/m²

Contrast Ratio

500:1

Response Time

12 (Typ) msec

Viewing Angel

70 (L) / 70 (R) / 70 (U) / 60 (D)

Support Color

16.2M colors (RGB 6-bits + FRC data)

PC Connector

D-Sub 15 Pin, DVI (Optional)

Speaker

2W x 2

AC/DC Power Adapter Input

AC 100 ~ 240V, 50/60 Hz

AC/DC Power Adapter Output

DC 12V, 4.16A

Power Consumption

50 Watt (Max.)

Accessories

User's Manual, Adapter, Power Cord, VGA Cable, Audio Cable, DVI Cable (Optional)

Safety & Regulation

TCO, FCC Class B, CE

ENG

- Specification is subject to change without notice.

Technical Specifications - Prestigio P597

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Display Panel

19 inch TFT LCD Panel

Screen Dimension

480 mm

Display Area

376.320 (H) X 301.056 (V) mm

Display Mode

Normally White

Recommended Resolution

1280 (X 3) X 1024

Pixel Pitch

0.294 (per one triad) X 0.294 mm

Luminance

270 (Typ) cd/m²

Contrast Ratio

550:1 (Typ)

Response Time

8 (Typ) msec

Viewing Angel

70 (L) / 70 (R) / 75 (U) / 60 (D)

Support Color

16.2M colors (RGB 6-bits + FRC data)

PC Connector

D-Sub 15 Pin, DVI (Optional)

Speaker

2W x 2

AC/DC Power Adapter Input

AC 100 ~ 240V, 50/60 Hz

AC/DC Power Adapter Output

DC 12V, 4.16A

Power Consumption

50 Watt (Max.)

Accessories

User's Manual, Adapter, Power Cord, VGA Cable, Audio Cable,
DVI Cable (Optional)

Safety & Regulation

TCO, FCC Class B, CE

- Specification is subject to change without notice.



Notes

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