

## Exhibit 4

## Installation and Operating Instruction

### About This Guide

This electronic user's guide is intended for anyone who uses the Philips LCD Monitor. It describes the LCD monitor's features, setup, operation and other pertinent information. Its contents are identical to the information in our printed version.

Sections are as follows:

- [Safety and Troubleshooting Information](#) provides tips and solutions for common problems as well as other related information you may need.
- [About This Electronic User's Manual](#) gives an overview of information included, along with notation icon descriptions and other documentation for your reference.
- [Product Information](#) gives an overview of the monitor's features and as well as the technical specifications for this monitor.
- [Installing Your Monitor](#) describes the initial setup process and gives an overview of how to use the monitor.
- [On Screen Display](#) provides information on adjusting the settings on your monitor.
- [Customer Care and Warranty](#) contains a list of worldwide Philips Consumer Information Centers along with help desk phone numbers and information on the warranty applicable to your product.
- [Glossary](#) defines technical terms.
- [Download and Print Option](#) transfers this entire manual to your hard drive for easy reference.

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### Other Documents You May Need

In addition to this *Electronic User's Guide*, you may need to refer to the following documentation:

- *Philips LCD Monitor Quick Start Guide* which summarizes the steps for setting up the monitor. This is included with this product.

## Notational Descriptions

The following subsections describe notational conventions used in this document.

### Notes, Cautions, and Warnings

Throughout this guide, blocks of text may be accompanied by an icon and printed in bold or italic type. These blocks contain notes, cautions, or warnings. They are used as follows:



**NOTE:** This icon indicates important information and tips that help you make better use of your computer system.



**CAUTION:** This icon indicates information that tells you how to avoid either potential damage to hardware or loss of data.



**WARNING:** This icon indicates the potential for bodily harm and tells you how to avoid the problem.



**SMART HELP:** This icon indicates helpful information when adjusting the On Screen Display of your monitor.

Some warnings may appear in alternate formats and may be unaccompanied by an icon. In such cases, the specific presentation of the warning is mandated by regulatory authority.

**Federal Communications Commission (FCC) Notice (U.S. Only)**

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 on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



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

Use only RF shielded cable that was supplied with the monitor when connecting this monitor to a computer device.

To prevent damage which may result in fire or shock hazard, do not expose this appliance to rain or excessive moisture.

**THIS CLASS B DIGITAL APPARATUS MEETS ALL REQUIREMENTS OF THE CANADIAN INTERFERENCE-CAUSING EQUIPMENT REGULATIONS.**



## Product Features

### Brilliance 170B

- 17" color LCD monitor with excellent display performance.
- Dual input-accepts both DVI Digital and VGA Analog input.
- Advanced AUTO adjustment automatically optimizes picture quality.
- Wide viewing angle technology.
- 7.1 (181mm) small footprint with full detachable cables.
- USB Bay for upgrade to USB Hub.
- Optional protective cover to prevent LCD panel damage.
- Standard VESA mounting holes and optional tilt/swivel Wall Mount Kit.

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## Technical Specifications\*

LCD PANEL	
• Type	TFT LCD
• Screen size	17" / 43.2cm diagonal
• Pixel Pitch	0.264 x 0.264mm
• LCD Panel type	1280 x 1024 pixels R.G.B. vertical stripe Anti-glare polarizer, hard coated
• Effective viewing area	337.9 x 270.3 mm
• Display Colors	8 bits interface (16M colors)
SCANNING	
Vertical refresh rate	56Hz-76Hz
Horizontal Frequency	30KHz-82KHz
VIDEO	
• Video dot rate	135MHz
• Input impedance	
- Video	75 ohm
- Sync	2 KOhm
• Input signal levels	0.7 Vpp
• Sync input signal	Separate sync Composite sync Sync on green
• Sync polarities	Positive and negative
• Video interface	Dual input : Both Analog (D-Sub) and DVI-D (Digital) are available and user selectable.

## Resolution & Preset Modes

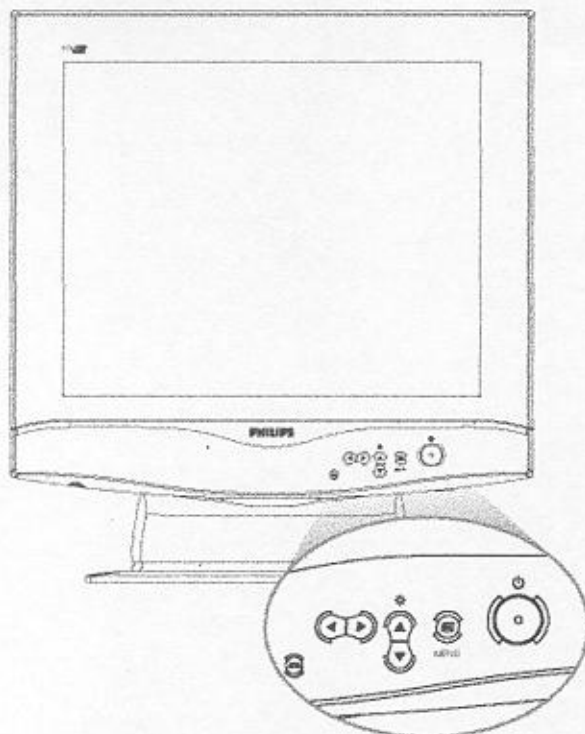
- Maximum 1280x 1024 at 75Hz
- Recommended 1280x1024 at 60Hz

## 32USER DEFINABLE MODES

### 15 factory preset modes:

H. freq (KHz)	Resolution	V. freq (KHz)
31.5	640*350	70
31.5	720*400	70
31.5	640*480	60
35.0	640*480	67
37.5	640*480	75
35.2	800*600	56
37.9	800*600	60
46.9	800*600	75
49.7	832*624	75
48.4	1024*768	60
60	1024*768	75
69.0	1152*870	75
71.8	1152*900	76
63.9	1280*1024	60
80	1280*1024	75

## Front View



UP and DOWN buttons are used when adjusting the OSD of your monitor



LEFT and RIGHT buttons, like the UP and DOWN buttons, are also used in adjusting the OSD of your monitor.



BRIGHTNESS hotkey. When the UP and DOWN arrow buttons are pressed, the adjustment controls for the BRIGHTNESS will show up.



.OK button which when pressed will take you to the OSD controls



POWER button switches your monitor on



Automatically adjust the horizontal position, vertical position, phase and clock setting.

## Optimizing Performance

- For best performance, ensure that your display settings are set at 1024x768@60Hz (for 14"/15") or 1280x1024, 60Hz (for 17"/18").



***Note: You can check the current display settings by pressing the OSD "OK" button once. Go into the Product Information. The current display mode is shown on the item called RESOLUTION.***

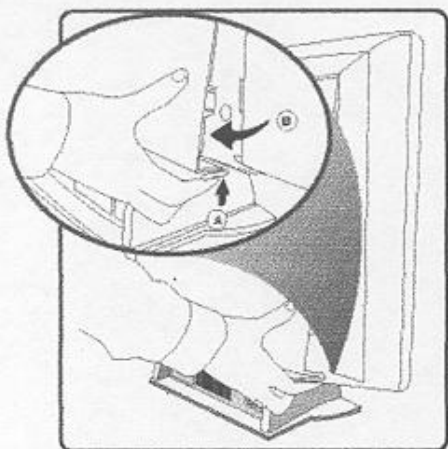
- You can also install the Flat Panel Adjust (FP Adjust) program, a program for getting the best performance out of your monitor, included in this CD. A step-by-step instructions is provided to guide you through the installation process. Click on the link to know more about this program.

More about  [FPadjust Program](#)

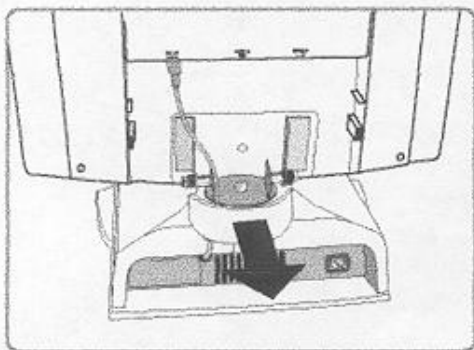




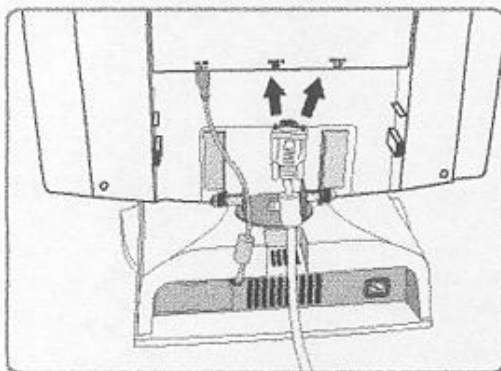
## Connecting to Your PC



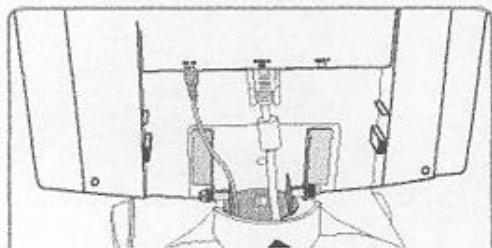
1) To remove the back cover, press up to disengage the clips on each side, then pull and lift.



2) Remove the plastic ring from the hinge



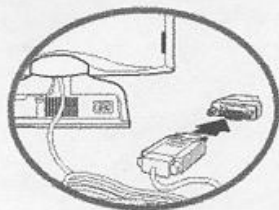
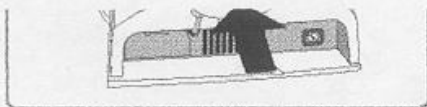
3) Plug in the video cable into VGA or DVI-D connector.



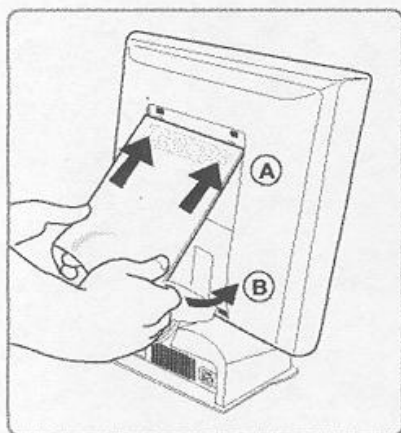
4) Cover the cables with the plastic ring and put the ring back on the hinge



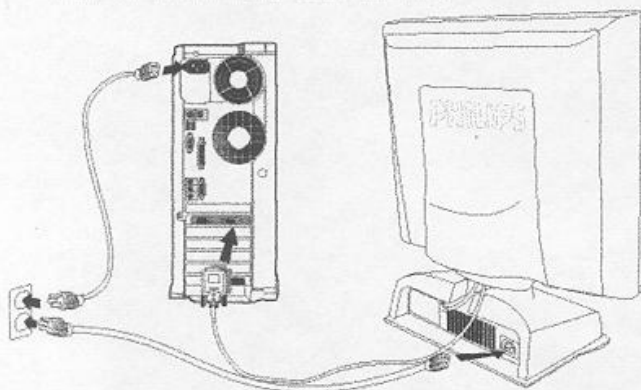
## Connecting to Your PC



**NOTE:** If you use an Apple Macintosh™, you need to connect the special Mac adapter to one end of the monitor signal cable



5) Replace the back cover on the monitor



## 6) Connect to Your PC

6.1 Turn off your computer and unplug its power cable.

6.2 Connect the monitor signal cable to the video connector on the back of your computer.

6.3 Plug the power cord of your computer and your monitor into a nearby outlet.






6.4 Turn on your computer and monitor. If the monitor displays an image, installation is complete.

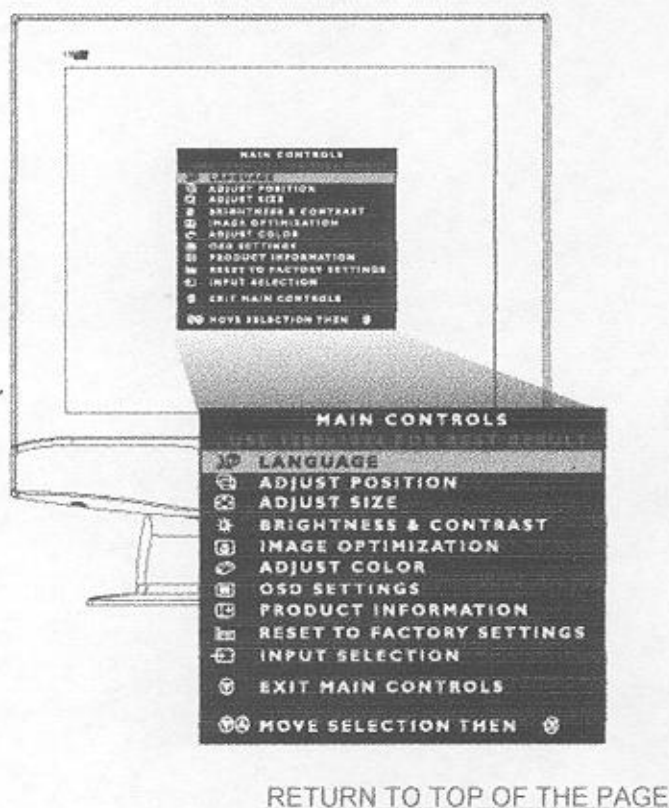
## Description of the On Screen Display

### *What is the On-Screen Display?*

This is a feature in all Philips LCD monitors which allows an end-user to adjust screen performance of monitors directly through an on-screen instruction window. The user interface provides user-friendliness and ease-of-use when operating the monitor.

### *Basic and simple instruction on the control keys.*

On the front controls of your monitor, once you press the  button, the On Screen Display (OSD) Main Controls window will pop up and you can now start making adjustments to your monitor's various features. Use the   or the   keys to make your adjustments within.



## The OSD Tree

Below is an overall view of the structure of the On-Screen Display. You can use this as reference when you want to later on work your way around the different adjustments.