

## Exhibit 3 Installation and Operating Instruction

**Product Features****150MT**

- Multi video input allowing display of PC, DVD, VCD, VCR and TV
- Picture in Picture (PIP) function
- Super-high brightness and fast response time
- AUTO adjustment optimizes picture quality
- 100-page Teletext (in areas where teletext service is available)

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**Technical Specifications\***

<b>LCD PANEL</b>	
• Type	TFT LCD
• Screen size	15" visual
• Pixel Pitch	0.297 x 0.297mm (15.0")
• LCD Panel type	1024 x 768 pixels R.G.B. vertical stripe Anti-glare polarizer hardness
• Effective viewing area	304.1 x 228.1mm (15.0")
• Display Colors	8 bits interface (16M colors)
<b>SCANNING</b>	
• Vertical refresh rate	56Hz-76Hz
• Horizontal frequency	30KHz-61KHz
<b>VIDEO</b>	
• Video dot rate	80 MHz
• Input impedance	
- Video	75 Ohm
- Sync	2K Ohm
• Input signal levels	700m Vpp

• Sync input signal	Separate sync Composite sync
• Sync polarities	Positive and negative
• Input Frequency	XGA Hsync 48- 61 KHz, Vsync 60 - 76 Hz (N.I.) SVGA Hsync 35- 50 KHz, Vsync 56 - 75 Hz (N.I.) VGA Hsync 31- 38 KHz, Vsync 60 - 76 Hz (N.I.)
• Video interface	D-sub, S-Video, TV-RF, SCART or composite and components video

## AUDIO

• Input level for PC/SVHS/SCART	500 mV nominal
• Headphone out signal level	4mW max.
• Loudspeaker	2x2.5W

## OPTICAL CHARACTERISTICS

• Contrast ratio	500 (typ.)
• Brightness	300 cd/m <sup>2</sup> (typ.)
• Peak contrast angle	6 o'clock
• White Chromacity	x: 0.281 y: 0.311 (at 9300° K) x: 0.312 y: 0.338 (at 6500° K)
• Viewing Angle (C/R >5)	Upper ≥60° (typ.) Lower ≥70° (typ.) Left ≥75 ° (typ.) Right ≥75 ° (typ.)
• Response time	≤25ms (typ.)

\* These information are subject to change without notice.

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## Resolution & Preset Modes

- Maximum 1024 x 768 at 75Hz
- Recommended 1024 x 768 at 60Hz

## 14 user definable modes

14 factory preset modes:

H. freq (KHz)	Resolution	V. freq (KHz)
31.469	640*350	70.086
31.469	720*400	70.087
31.469	640*480	59.940
35.000	640*480	67.000
37.861	640*480	72.809
37.500	640*480	75.000
35.156	800*600	56.250
37.879	800*600	60.317
48.077	800*600	72.188
46.875	800*600	75.000
49.700	832*624	75.000
48.363	1024*768	60.004
56.476	1024*768	70.069
60.023	1024*768	75.029

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### Automatic Power Saving

If you have VESA's DPMS compliance display card or software installed in your PC, the monitor can automatically reduce its power consumption when not in use. And if an input from a keyboard, mouse or other input device is detected, the monitor will automatically "wake up". The following table shows the power consumption and signaling of this automatic power saving features:

Power Management Definition					
VESA Mode	Video	H-sync	V-sync	Power Used	LED color
ON	Active	Yes	Yes	48W	Green
Stand-by	Blanked	No	Yes	< 2W	Blinking Green
Suspend	Blanked	Yes	No	< 2W	Blinking Green
OFF	Blanked	No	No	< 2W	Blinking Green

This monitor is **ENERGY STAR<sup>®</sup>** compliant. As an **ENERGY STAR<sup>®</sup>** Partner, **PHILIPS<sup>®</sup>** has determined that this product meets the **ENERGY STAR<sup>®</sup>** guidelines for energy efficiency.

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### Physical Specifications

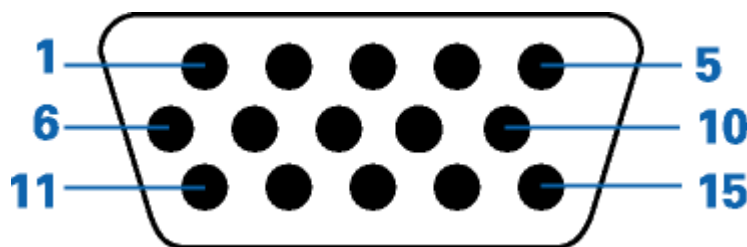
• Dimension (WxHxD)	391 x 366 x 200 mm (incl. Pedestal)
• Weight	5.1 Kg
• Tilt (Forward / Backward)	- 5° / 25°
• Power supply	100 — 240 VAC, 50/60 Hz
• Power consumption	48 W (typ.)
• Temperature (operating)	5° C to 35° C
• Relative humidity	20% to 80%
• System MTBF	50K hrs (CCFL 40Khrs)

\* These information are subject to change without notice.

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### Pin Assignment

The 15-pin D-sub connector (male) of the signal cable:



Pin No.	Assignment	Pin No.	Assignment
1	Red video input	9	DDC +5V
2	Green video input	10	Logic ground
3	Blue video input	11	Identical output - connected to pin 10
4	Identical output - connected to pin 10	12	Serial data line (SDA)
5	Cable detect	13	H. Sync / H+V
6	Red video ground	14	V. Sync

7	Green video ground	15	Data clock line (SCL)
8	Blue video ground		

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## Product Views

Follow the links to see various views of the monitor and its components.

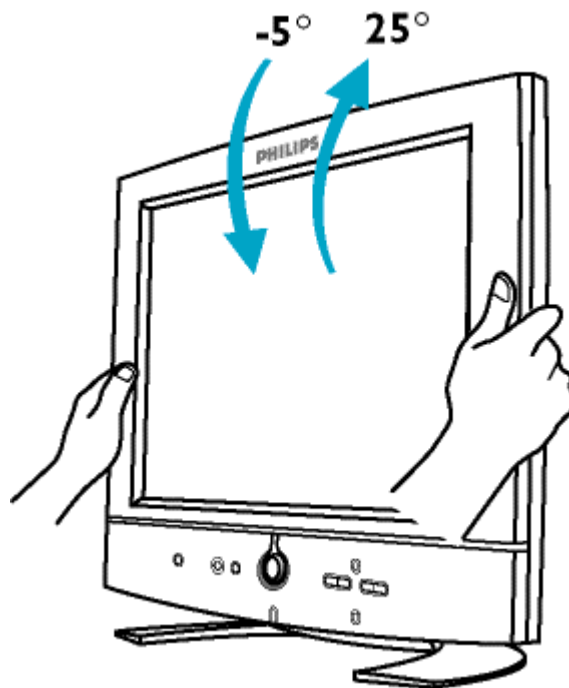
[Front View Product Description](#)

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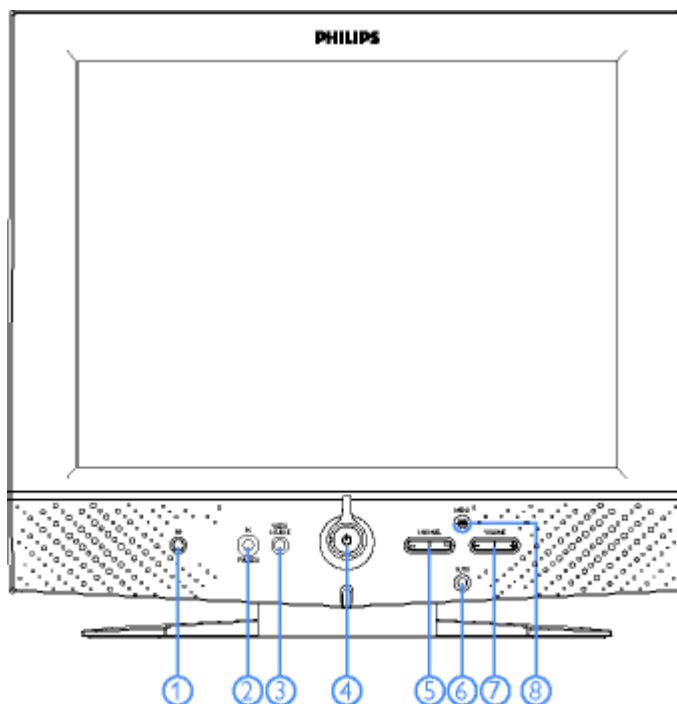
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## Physical Function

Tilt



## Front View Product Description

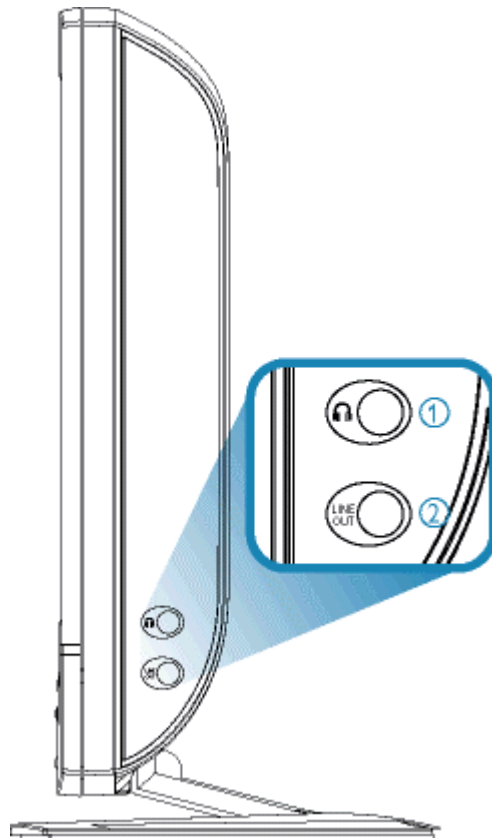


- |   |   |  |
|---|---|--|
| 1 | <b>PIP</b>  | Activate PIP (Picture in Picture) window and select size       |
| 2 | <b>PC&lt;-&gt;TV/Video</b>  | Switch the monitor between PC mode and TV/Video mode           |
| 3 | <b>VIDEO SOURCE</b>   | TV/Video source selection                                      |
| 4 |  | Power switch On/Off  |
| 5 |  | Increase or decrease the channel number                        |
| 6 | <b>AUTO</b>   | Automatically adjust the H/V position, phase and clock setting |
| 7 | <b>+ -</b>  | Increase or decrease the level of audio volume                 |
| 8 | <b>MENU OK</b>  | Open the OSD and select the highlighted function               |

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## Side View

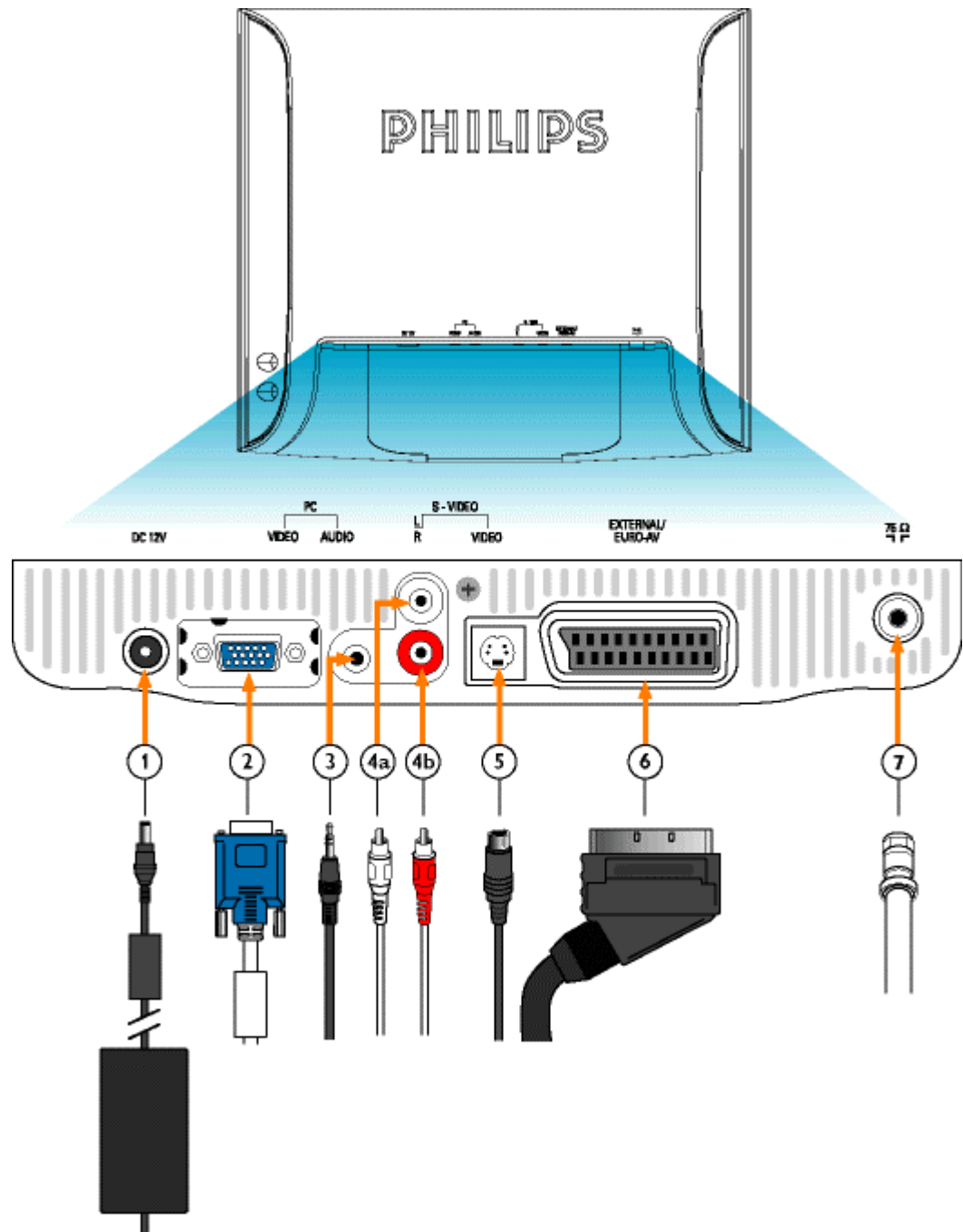


1. Headphone Jack
2. LINE OUT Jack

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**Rear View**



- |   |             |                 |
|---|-------------|-----------------|
| 1 | DC 12V      | DC 12V power in |
| 2 | PC - Video  | D-Sub input     |
| 3 | PC - Audio  | PC Stereo input |
| 4 | S-VIDEO (L) | AV audio (L)    |
|   | S-VIDEO (R) | AV audio (R)    |



- |   |                      |                                    |
|---|----------------------|------------------------------------|
| 5 | S-VIDEO              | S-VIDEO in                         |
| 6 | EXTERNAL/<br>EURO-AV | SCART connection (for Europe only) |
| 7 | 75 $\Omega$          | TV Antenna or CATV cable in        |

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## Optimizing Performance

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



**Note:** You can check the current display settings by pressing the "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 installtion process. Click on the link to know more about this program.

More about  [FP\\_setup01.exe](#)

**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.

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