the smart way to boost productivity

Productivity pays big dividends. That's why smart organizations rely on the Philips 230W5 with SmartManage - remote, LAN-based monitor management - for tasks that demand a big, wide screen and multiple function display to get the job done.

Outstanding front of screen performance

- WUXGA, wide format 1920 x 1200 resolution for sharper display.
- Fast response time capable of handling fast moving pictures
- Widest viewing angle up to 176° for extra efficiency
- Dual Input accepts both analog VGA and digital DVI signals

Maximum comfort for maximum productivity

- SmartManage manages display devices remotely
- Big, widescreen ideal for viewing two A4 pages side-by-side
- Large viewing area for seeing more images without scrolling
- Easy to access connections on a front to improve efficiency
- Screen tilt and swivel adjustment for ideal viewing angle

Multi-function for ultimate convenience

- A solid-state 6-in-1 card reader for easy media access
- Easy connection via hi-speed USB 2.0 Hub to any USB devices
- Built-in speakers with output power up to 3Wx2 (48W PMPO)
- Built-in power supply eliminates external power adaptors

Great convenience

- Easy plug and play DVI ensures true digital experience
- Embedded power supply eliminates external power adaptors
- VESA mounting pattern for easy wall mounting of display

- Embedded power supply
- SmartManage
- DVI-Auto, Brightness Control
- Front connections
- USB Hub enables the speedy transfer of data between any kind of peripheral.
- Media, and two types of Compact Flash - without an additional card reader (UCR) on the front side of monitor to improve efficiency.
- Screen tilt and swivel
- Movement of a screen to attain the ideal viewing angle.
- Universal card reader (UCR)
- A device reads data from portable media and transfers data to PC.
- Input devices, such as USB 2.0 hub and a universal card reader (UCR) at the first side of monitor to improve efficiency.
- USB connectivity solution
- A USB hub is mounted on the front side of monitor to any USB devices to USB-supported PC.
- Built-in 6W speakers
- A pair of high quality speakers with output power up to 3Wx2 (maximum) and 48W PMPO built into the stylish design to provide unassailable audio performance - without the cost and clutter of standalone speakers.

- Electronic industry standard for wall mounting of display devices.
- VESA mounting holes

WUXGA, wide format 1920 x 1200

- Philips owns the WUXGA trademark.

Dimensions

- Height (with base) 34.5cm
- Monitor (with stand) 55.8cm
- VESA mount
- 100 x 100mm

Weight

- 9kg

Regulatory Approvals

- ENERGY STAR qualified
- CE mark
- FCC-B, UL, CSA
- Factory Preset Modes
- 20 modes
- User Definable Modes
- 15 modes

Response Time

- 16 ms

Display Colors

- 16 M

Contrast Ratio

- 500:1

Brightness (nits)

- 250

Pixel Pitch

- 0.258 x 0.258 mm

Effective Viewing Area

- 495.4 x 309.6 mm

Panel Size

- 23" wide / 58.4 cm

RGB Vertical Stripe

- 38,000)

MTBF

- 50,000 (excl. CCFL/2000/XP)

Power

- Energy Saver: OFF after 10 minutes

Power On/Off, Up/Down, Left/Right, Menu (OK)

Monitor Controls

- Auto, Brightness Control

SmartManage

- Projector

VESA Mount

- 100 mm x 100 mm

Swivel

- +/- 170°

Tilt

- -5° to 20°

Other Connections

- Stereo Line Out Jack

User Manual

- Yes

Included Accessories

- AC Power Cord
- DVD Cable
- PC Audio Cable x 2
- USB Cable, VGA Cable

Warranty

- 2 years

Commercial Specifications

Table 23W58S

<table>
<thead>
<tr>
<th>Picture/Display</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>23&quot; LCD Panel</td>
<td>495.4 x 309.6 mm</td>
</tr>
<tr>
<td>Front bezel</td>
<td>23 x 248.6 mm</td>
</tr>
<tr>
<td>Height (with base)</td>
<td>34.5 cm</td>
</tr>
<tr>
<td>Monitor (with stand)</td>
<td>55.8 cm</td>
</tr>
<tr>
<td>VESA mount</td>
<td>100 x 100 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>9 kg</td>
</tr>
</tbody>
</table>

| Dimensions | 252 mm |
| Height | 452 mm |
| Width | 452 mm |
| Depth | 250 mm |

| Power | 90 W (Typical) |
| Energy Saver: OFF after 10 minutes |

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC Power Cord</td>
<td>Yes</td>
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<tr>
<td>DVD Cable</td>
<td>Yes</td>
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<tr>
<td>PC Audio Cable x 2</td>
<td>Yes</td>
</tr>
<tr>
<td>USB Cable, VGA Cable</td>
<td>Yes</td>
</tr>
</tbody>
</table>

30,000) hrs

20% - 80% |

17°C to 25°C |

-20°C to 40°C |

Frig

5400K |

5500K (cool), 4200K (warm) |

20% - 80% |

PC Audio Cable x 2, DVI-D Cable |

• Included Accessories AC Power Cord, User Manual |

VESA Mount 100 mm x 100 mm |

Tilt -5° to 20° |

Swivel +/- 170° |

Panel Size 23” wide / 58.4 cm |

RGB Vertical Stripe 38,000) hrs |

MTBF 50,000 (excl. CCFL/2000/XP) |

Power 90 W (Typical) |

Energy Saver: OFF after 10 minutes |

Power On/Off, Up/Down, Left/Right, Menu (OK) |

Monitor Controls Auto, Brightness Control |

SmartManage |

Speakers Built-in Audio 3W RMS x 2 Stereo |

Convenience Built-in Audio 2W RMS, 2 Stereo |

Convenience Enhancements Dimensional display SmartManage |

Master Control Auto, Brightness Control, Auto/Manual, Menu, (OK), Power On/Off, On/Off LED |

OSD Languages English, French, German, Italian, Spanish, French, Japanese |

Other Convenience Features Kensington Lock, Plug & Play Compatibility DDC/CI, Windows 10/2000/XP, PCI 2.2, IBM, IBA, LC, CI, NUTEC, Energy Star, SMUD, TCO '03, TCO '99, TÜV/ES, TÜV/GS, IEC 60950, VDE 0866, 1.1 |

Regulatory Approval Green PC, 3200K, TCO '99, TÜV, TÜV/GS, TÜV/ES, 0866, 1.1 |

Tilt +/- 10° |

VESA Mount 100 x 100 mm |

Accessories User Manual Yes |

Included Accessories AC Power Cord, DVD Cable, PC Audio Cable x 2, USB Cable, VGA Cable |

Welcome to the smart way to boost productivity!
**23 inch LCD Monitor**

**Productivity pays big dividends:** That’s why smart organizations rely on the Philips 230W5 with 23 inch LCD Monitor the smart way to boost productivity.

**Great convenience**
- Easy plug and play
- DVI ensures true digital experience
- Embedded power supply eliminates external power adaptors
- VESA mounting pattern for easy wall mounting of display

**Multi-function for ultimate convenience**
- A solid-state 6-in-1 card reader for easy media access
- Easy connection via hi-speed USB 2.0 Hub to any USB devices
- Built-in speakers with output power up to 3Wx2 (48W PMPO)

**Outstanding front of screen performance**

- **Dimensions**
  - Height: 542 mm
  - Width: 452 mm
  - Depth: 250 mm

- **Resolution**
  - WUXGA, wide format 1920 x 1200

- **Response Time**
  - 16 ms

- **Aspect Ratio**
  - 16:10

- **Refresh Rate**
  - 56 - 85 Hz

- **Horizontal Scanning Frequency**
  - 30 - 94 KHz

- **User Definable Modes**
  - 15 modes

- **Factory Preset Modes**
  - 20 modes

- **Maximum Resolution**
  - 1920 x 1200 @ 60Hz

- **Display Colors**
  - 16 M

- **Contrast Ratio**
  - 500:1

- **Pixel Pitch**
  - 0.258 x 0.258 mm

- **Effective Viewing Area**
  - 495.4 x 309.6 mm

- **Panel Size**
  - 23" wide / 58.4 cm

- **White Chromaticity**
  - x = 0.313 / y = 0.329

- **Response Time**
  - 16 ms

- **Screen tilt and swivel adjustment for ideal viewing angle**

- **User friendly design places a USB 2.0 hub and a universal card reader (UCR) on the front side of monitor to improve efficiency.

- **The widest viewing angle up to 176 degree provides the clearest display from any angle.**

- **Dual Input**
  - Connectors to accommodate input of both analog VGA and digital DVI signals.

- **SmartManage**
  - A system for monitoring, managing and checking status of display devices as well as delivering remote support to users in remote locations.

- **Built-in speakers with output power up to 3Wx2 (48W PMPO) built into the stylish design to provide stunning audio performance.**

- **Embedded 6W speakers**
  - Replace a bulky external speaker with a standalone speaker.

- **Computer sound applications - without the cost and clutter of standalone speakers.**

- **A unified industry standard for wall mounting IT equipment set by AOC, BrightView, Eizo, Planar, Sony, ViewSonic, and Ziotek.**

- **Plug & Play Compatibility**
  - DDC/CI, Windows 98/ME

- **User friendliness**
  - Easy to access connections on front improve efficiency

- **Screen tilt and swivel**
  - SmartMove manages display devices remotely

- **Widest viewing angle**
  - 176 degree provides the clearest display from any angle.

- **WUXGA, wide format 1920 x 1200**

- **Fast response time capable of handling fast moving pictures.**

- **It is measured in milliseconds. Lower numbers mean faster transitions from active (black) to inactive (white) and back to active (black) again.**

- **5000) hrs**
  - MTBF: 50,000 (excl. CCFL replacement)

- **9 kg**
  - Weight

- **5°C to 35°C**
  - Temperature Range (Operation)

- **20 % - 80 %**
  - Relative Humidity

- **-20°C to 60°C**
  - Temperature Range (Storage)

- **90 W (Typical)**
  - Consumption

- **Built-in Audio**
  - 3W RMS x 2 Stereo

- **Screen tilt and swivel**
  - Movement of a screen to attain the ideal viewing angle.

- **Screen tilt and swivel**
  - The visible portion of a monitor screen available to display data.

- **Large viewing area**
  - The amount of time it takes for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again.

- **SmartManage**
  - A system for monitoring, managing and checking status of display devices as well as delivering remote support to users in remote locations.

- **Universal card reader (UCR)**
  - A device read data from portable media and transfer to the PC. A card reader can replace memory cards - SD/MMC, Memory stick, Smart Media, and two types of Compact Flash - without an additional peripheral.

- **USB connectivity solution**
  - A USB hub is included in the packaging to connect between any kind of USB devices to USB-equipped PC.

- **Built-in 6W speakers**
  - A pair of built-in speakers with output power up to 3W x 2 (maximum) and 48W PMPO built into the stylish design to provide stunning audio performance - without the cost and clutter of standalone speakers.

- **In-box DVI cable**
  - A DVI cable is included with speakers.

- **Embedded power supply**
  - A power adapter built into the body of a display device that replaces a bulky external power supply.

- **VESA mounting holes**
  - A unified industry standard for wall mounting display devices set by the Video Electronics Standards Association.

**230W5BS**

**WUXGA, wide format 1920 x 1200**

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