

the smart way to boost productivity

Productivity pays: Look to the Philips 230W5 with SmartManage - remote, LAN-based monitor management - for professional motion picture, video, CD and DVD post production work that demands a big, wide screen, PiP and input source variety.

Outstanding front of screen performance

- WUXGA, wide format 1920x1200 resolution for sharper display.
- Fast response time capable of handling fast moving pictures
- Widest viewing angle up to 176 degree 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
- Display from multiple video sources: YPbPr, S-Video, and CVBS
- PiP allows watching a second source simultaneously
- Built-in speakers with output power up to 3Wx2 (48W PMPO)

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



BRILLIANCE

PHILIPS

23 inch LCD Monitor

Commercial Specifications

Picture/ Display

- LCD Panel Type1920 x 1200 pixels,
Anti-glare Polarizer,
RGB Vertical Stripe
- Panel Size23" wide / 58.4 cm
- Effective Viewing Area495.4 x 309.6 mm
- Pixel Pitch0.258 x 0.258 mm
- Brightness (nits)250
- Contrast Ratio500:1
- Display Colors16 M
- Viewing Angle (C/R > 10°)
 - Horizontal : 176°
 - Vertical : 176°
- Response Time16 ms
- White Chromaticity, 6500° K $x = 0.313$ / $y = 0.329$
- White Chromaticity, 9300° K $x = 0.283$ / $y = 0.297$
- Maximum Resolution1920 x 1200 @ 60Hz
- Recommended Resolution1920 x 1200 @ 60Hz
- Factory Preset Modes20 modes
- User Definable Modes15 modes
- Horizontal Scanning Frequency30 - 94 KHz
- Refresh Rate (V)56 - 85 Hz
- Aspect Ratio16:10
- Picture EnhancementPicture in Picture,
Progressive Scan

Connectivity

- Audio Input for PC3.5mm Phone Jack x 2
- Audio Input for VideoAudio Left/Right (RCA) x2
- AVICVBS in, S-Video, YPbPr
- Other ConnectionsStereo Line Out Jack
- Signal InputAnalog (VGA), DVI-I
- USBUSB 2.0
- Other Video InputComponent Video, S-Video

Convenience

- Built-in Audio3W RMS x 2 Stereo
Speakers
- Convenience EnhancementsOn-screen Display
SmartManage
- Monitor ControlsAuto, Brightness Control,
Left/Right, Menu (OK),
Power On/Off, Up/Down,
Volume Control
- OSD LanguagesEnglish, French, German,
Italian, Simplified Chinese,
Spanish, Japanese
- Other Convenience FeaturesKensington Lock
- Plug & Play CompatibilityDDC/CI, Windows 98/ME
/2000/XP
- Regulatory ApprovalsCE Mark, FCC-B, UL, CSA,
NUTEK, Energy Star,
SEMKO, TCO '03, TÜV/GS,
TÜV Ergo
- Swivel+/- 170°
- Tilt-5° to 20°
- VESA Mount100 mm x 100 mm

Accessories

- User ManualYes
- Included AccessoriesAC Power Cord,
DVI-D Cable,
PC Audio Cable x 2,
USB Cable, VGA Cable

Dimensions

- Depth (with base)250 mm
- Height (with base)452 mm
- Width (with base)548 mm
- MTBF50,000 (excl. CCFL
40,000) hrs
- Relative Humidity20 % - 80 %
- Temperature Range (Operation)5°C to 35°C
- Temperature Range (Storage)-20°C to 60°C
- Weight9 kg

Power

- Complies WithEnergy Star, NUTEK
- Consumption90 W (Typical)
- Off Mode≤ 2 W
- Power LED IndicatorOperation, Blue;
Stand by/Sleep,
Amber
Built-in
- Power Supply

Product Highlights

WUXGA, wide format 1920 x 1200

Wide format of Ultra Extended Graphics Array, a display specification that is capable of displaying 1920 x 1200 resolution, or approximately 2.3 million pixels.

Fast response time

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. It is measured in milliseconds. Lower numbers mean faster transitions and therefore result in fewer visible image artifacts.

Widest viewing angle

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 who experience difficulties all accomplished over a LAN.

Big, widescreen

Big, widescreen improves productivity by displaying two A4 pages side-by-side.

Large viewing area

The visible portion of a monitor screen available to display data.

Front connections

User friendly design places a USB 2.0 hub and a universal 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. It can read memory cards - SD/MMC, Memory Stick, Smart Media, and two types of Compact Flash - without an additional peripheral.

USB connectivity solution

A USB hub enables the speedy transfer of data between any kind of USB devices to USB-supported PC.

Video connection

Plugs to accommodate signal input from a variety of sources.

Picture In Picture (PIP)

Provides the ability to watch simultaneously two different sources, either two video sources or a combination with data/graphics.

Built-in 6W speakers

A pair of high quality speakers with output power up to 3W x 2 (maximum) and 48W PMPO built into the stylish design to provide users the rich sound applications - without the cost and clutter of standalone speakers.

In-box DVI cable

A DVI cable is shipped with product.

Embedded power supply

A power adaptor built into the body of a display device that replaces a bulky external power adaptor.

VESA mounting holes

A unified industry standard for wall mounting IT equipment set by the Video Electronics Standards Association.



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