



Philips Brilliance
LCD monitor

43 cm (17")
SXGA

170P5EB

the best productivity solution

When the job demands ultimate performance: Philips 170P5 gets the job done with advanced ergonomics and clearly superior front-of-screen performance plus SmartManage for remote, LAN-based monitor management and low power consumption.

Maximum comfort for maximum productivity

- Tilt and swivel adjustment for an ideal viewing angle
- Adjustable screen height for the ideal viewing angle
- 90 degree screen rotation and smart cable management
- Built-in speakers for audio without desktop clutter

Outstanding front of screen performance

- Fast response time for great display of moving images
- LightFrame™ delivers best-ever sharpness and brightness
- SXGA 1280 x 1024 resolution for sharper display
- Dual input accepts both analog VGA and digital DVI signals
- Zero Bright Dot™ eliminates LCD bright dot defects
- Easy plug-and-play DVI for a true digital experience

Best total cost of ownership solution

- Power consumption below the industry average
- SmartManage compatibility enables LAN-based asset management

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Highlights

LightFrame™

An intelligent and revolutionary technology for enhancing monitor's brightness, sharpness, contrast, and color. Images enhanced by LightFrame™ are lively, realistic, clear, attractive and colorful.

Zero Bright Dot™

Bright dots are defects in a LCD panel once thought to be an inevitable part of the manufacturing process. With Zero Bright Dot™, Philips monitors are guaranteed without bright dot defects.

SXGA, 1280 x 1024 resolution

For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1280-by-1024 pixel screen is capable of displaying 1280 distinct dots on each of 1024 lines, or about 1.3 million pixels.

Fast response time



Response time measures signal reaction speed in milliseconds. On/off response time measures the time required for the screen to turn from

completely white to completely black and vice versa. Fast on/off response time improves display of text. Gray-to-grey response time measures the average time of transition between several sets of random gray levels - Lower numbers mean faster transitions. Faster is better because a fast response time eliminates visible image artifacts that could dampen your experience when viewing fast moving images or objects.

Dual input



VGA connector



DVI connector

Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

In-box DVI cable

A DVI cable is shipped with the product to provide high quality digital display.

Built-in speakers

A pair of stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

Adjustable height

Adjustable height is the ability of a monitor to travel up or down on its base and lock into position when the desired height is reached, delivering a comfortable, individualized viewing angle that is just right for the user's height, weight, body-type and posture, alleviating possible eyestrain or fatigue that can come from long hours working on a computer.

ScreenRotate

ScreenRotate makes it possible to use a monitor in either the landscape and portrait mode; to change orientation for a better view of a selected document or image, the monitor is rotated to the desired orientation.

Screen tilt and swivel

Screen tilt and swivel is a mechanism built into the base permits the monitor to swivel and tilt backward or forward.

SmartManage enabled

SmartManage is 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.

Lower power consumption

Reduction of the electrical power required to operate a device.



Specifications

Connectivity

- Signal Input: VGA (Analog), DVI-D, PC Audio in
- I/O interface on pad: Headphone jack

Picture/Display

- Panel Size: 17"/ 43 cm
- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Pixel pitch: 0.264 x 0.264 mm
- Optimum resolution: 1280 x 1024 @ 60 Hz
- Brightness: 250 cd/m²
- Display colors: 16 M
- Contrast ratio (typical): 450:1
- Response time (typical): 16 ms
- Viewing angle: @ C/R > 5
- Viewing angle (horizontal): 160 degree
- Viewing angle (vertical): 140 degree
- Picture enhancement: LightFrame™
- Horizontal Scanning Frequency: 30 - 82 kHz
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Effective viewing area: 337.9 x 270.3 mm
- Factory Preset Modes: 15 modes
- Refresh Rate (V): 56 - 76 Hz
- sRGB
- User definable modes: 16 modes
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297

Convenience

- Plug & Play Compatibility: DDC CI, sRGB, Windows 98/ME/2000/XP
- Built-in Audio: 2 W RMS x 2 Stereo Speakers
- User convenience: On-screen Display, SmartManage
- Monitor Controls: Auto, Brightness Control, Left/Right, LightFrame, Menu (OK), Power On/Off, Up/

- Down, Volume control
- Regulatory approvals: CE Mark, E2000, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, EMC, TCO '99, TÜV/GS, TÜV Ergo
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish
- Other convenience: Kensington lock
- Swivel: +/- 45°
- Tilt: -5° to 25°
- VESA Mount: 100 x 100 mm

Power

- Power supply: Built-in
- Consumption (On mode): 33 W (Typical)
- Power LED indicator: Operation - Blue, Stand by/ sleep - Amber
- Complies with: E2000, Energy Star, NUTEK
- Consumption (Off Mode): < 1 W

Dimensions

- Height adjustment range: 130 mm
- Weight: 6.3 kg
- Temperature range (operation): 5°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs
- Depth (with base): 201 mm
- Height (with base): 396 mm
- Width (with base): 375 mm

Accessories

- Included accessories: AC Power Cord, Audio Cable, DVI-D cable, VGA cable
- User Manual
- Pivot & Portrait User Pack



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