



Philips  
LCD monitor with  
LightFrame™

43 cm (17")  
SXGA

170P5ES

## 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.

### Outstanding front of screen performance

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

### Maximum comfort for maximum productivity

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

### Best total cost of ownership solution

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

**PHILIPS**  
sense and simplicity

# 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

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 high quality 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

## Picture/Display

- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 17"/ 43 cm
- Effective viewing area: 337.9 x 270.3 mm
- Pixel pitch: 0.264 x 0.264 mm
- Brightness: 250 cd/m<sup>2</sup>
- Contrast ratio (typical): 450:1
- Display colors: 16 M
- Viewing angle: @ C/R > 5
- Viewing angle (H / V): 160 / 140 degree
- Response time (typical): 16 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Optimum resolution: 1280 x 1024 @ 60 Hz
- Factory Preset Modes: 15 modes
- User definable modes: 16 modes
- Horizontal Scanning Frequency: 30 - 82 kHz
- Refresh Rate (V): 56 - 76 Hz
- Picture enhancement: LightFrame™
- sRGB

## Connectivity

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

## Convenience

- 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
- OSD Languages: English, French, German, Italian,

- Simplified Chinese, Spanish
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC CI, sRGB, Windows 98/ME/2000/XP
- Regulatory approvals: CE Mark, E2000, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, EMC, TCO '99, TÜV/GS, TÜV Ergo, TCO '03
- Swivel: +/- 45°
- Tilt: -5° to 25°
- VESA Mount: 100 x 100 mm

## Accessories

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

## Dimensions

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

## Power

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



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