

# superb display for professional tasks

Professionals like you get more done with the 170P6: Digital LightFrame™ and the Perfect Panel guarantee for superb performance, productivity-enhancing remote asset management, advanced ergonomics and lead-free design.

## Outstanding front of screen performance

- LightFrame™ DR maximizes your on-screen experience
- Perfect Panel™ guarantees dot defect-free display
- SXGA 1280 x 1024 resolution for sharper display
- 8-ms response time for outstanding display of moving images
- Dual input accepts both analog VGA and digital DVI signals

## Maximum comfort for maximum productivity

- Screen rotates for better ergonomics and cable management
- Four-port, high-speed USB 2.0 hub for easy connections
- Brightness automatically adjusts with ambient conditions
- Built-in speakers for audio without desktop clutter
- Stand-alone audio for efficient net conferencing

## Best total cost of ownership solution

- SmartManage provides LAN-based asset management capabilities
- Lead-free design safeguards our environment

**BRILLIANCE****PHILIPS**

# 17 inch LCD Monitor

## Commercial Specifications

### Picture/ Display

- LCD panel type1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel size17" / 43 cm
- Effective viewing area337.9 x 270.3 mm
- Pixel pitch0.264 x 0.264 mm
- Brightness (nits)250
- Contrast ratio500:1
- Display colors16.2 M
- Viewing angle (C/R > 5)
  - Horizontal : 160°
  - Vertical : 140°
- Response time8 ms
- White chromaticity, 6500° K $x = 0.313 / y = 0.329$
- White chromaticity, 9300° K $x = 0.283 / y = 0.297$
- Maximum resolution1280 x 1024 @ 75Hz
- Recommended resolution1280 x 1024 @ 60Hz
- Factory preset modes15 modes
- User definable modes50 modes
- Video dot rate140 MHz
- Horizontal scanning frequency30 - 83 KHz
- Vertical scanning frequency56 - 76 Hz
- Picture enhancementLightFrame™ digital reality
- sRGBYes

### Connectivity

- Signal inputAnalog (VGA), DVI-D, PC Audio in
- Audio outputStereo Audio (3.5 mm jack) x1
- USBUSB 2.0
- Video sync input signalComposite Sync, Separate sync, Sync on green

### Convenience

- Built-in audio2W RMS x 2 stereo speakers
- Convenience enhancementsOn-screen display, SmartManage enabled
- Monitor controlsAuto, Brightness control, Left/Right, LightFrame, Menu (OK), Power On/Off, Up/Down, Volume control
- OSD languagesEnglish, French, German, Italian, Simplified Chinese, Spanish
- Other convenience featuresKensington lock compatible
- Plug & Play compatibilityDDC/CI, sRGB, Windows 98/ME/2000/XP
- Regulatory approvalsCE Mark, E2000, FCC-B, UL, CSA, Energy Star, SEMKO, EMC, TÜV/GS, TÜV Ergo, TCO '03
- Swivel+/- 45°
- Tilt-5° to 25°
- VESA mount100 mm x 100 mm

### Accessories

- Included accessoriesAC Power cord, Audio cable, DVI-D cable, USB cable, VGA cable
- User manualYes

### Dimensions

- Depth (with base)201 mm
- Height (with base)396 mm
- Width (with base)375 mm
- Height adjustment range130 mm
- MTBF50,000
- Relative humidity20 % - 80 %
- Temperature range (operation)5°C to 40°C
- Temperature range (storage)-20°C to 60°C
- Weight6.3 kg

### Power

- Complies withE2000, Energy Star, NUTEK
- Consumption43 W (Typical)
- Off mode< 1 W
- Power LED indicatorOperation, blue; Stand by/sleep, amber
- Power supplyBuilt-in, 100-240 VAC, 50/60 Hz

## Product Highlights

### LightFrame™ Digital Reality

LightFrame™ Digital Reality is an integrated software and hardware solution for Philips high-end monitors that delivers high quality visual display enhancements to users through quick and convenient hardware or software interfaces.

### Perfect Panel™

Bright dots and dark dots are defects in a LCD panel. While some manufacturers still consider bright and dark defects in an LCD panel an inevitable part of the manufacturing process, Philips doesn't. Philips monitors are produced with zero tolerance for LCD panel defects and backed by our Perfect Panel™ guarantee providing repair or replacement of any LCD monitor that displays even a single defective bright or dark dot.

### 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.

### 8-ms response time

Response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of fast-moving images.

### Dual input

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

### Super Ergo base

The Super Ergo base is a monitor base that displays ergonomic display comfort and provides intelligent cable management. The base's height, swivel, tilt and rotation angle adjustments people friendly display positioning for maximum comfort that can ease the physical strains of a long workday; intelligent cable management reduces cable clutter and keeps workspace neat and professional.

### USB connectivity solution

The universal serial bus or USB is a standard protocol for linking PCs and peripherals. A four-port USB 2.0 hub located on a monitor directly in the user's line of sight provides a conveniently located, easy-to-use, high-speed connection for reading, writing, loading and transferring programs, data, digital media or music files to, from or among your PC and up to four USB devices.

### SmartBright

Ambient light is the general background light all around us that softens contrasts between brightly lighted task areas and the surrounding portions of the room. In most rooms, ambient light changes constantly, but changes in lighting can adversely effect display quality. Philips SmartBright automatically adjusts display settings to correspond with ambient light conditions, delivering just the right level of brightness for optimal front-of-screen performance, maximum productivity and minimal fatigue.

### Built-in speakers

Audio speakers built into a display device.

### Stand-alone audio function

Built-in advanced firmware that delivers audio output even if there is no video input.

### 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.

### Lead-free

Lead-free display products are designed and produced in compliance with strict European Community Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

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