Philips
LCD monitor with
LightFrame™ DR

17"

SXGA

170X5FB

design and performance count!

The ultimate display for your lifestyle! Ready to rock your world with stunning performance, the hot Philips 170X5 combines LightFrame™ Digital Reality for the multimedia adventure with cool, innovative cutting-edge design flair.

Outstanding front of screen performance

- LightFrame™ DR maximizes your on-screen experience
- ISO 13406-2 Class I compliant dot-defect-free display
- SXGA 1280 x 1024 resolution for sharper display
- 12ms On/off response time:Superior text and graphics display
- sRGB ensures color matching between display and printouts

Design that complements any interior

- Innovative, cutting-edge design makes a lifestyle statement!
- Ultra-modern SmartTouch controls

Great convenience

- Enjoy multimedia experience with built-in speakers
- Play music from external audio devices even if the PC is off
- Embedded power supply eliminates external power adaptors
- CableGuide keeps cables in order and your space neat
- Easy to adjust display settings with Philips SmartControl

PHILIPS

sense and simplicity

LCD monitor with LightFrame™ DR
17" SXGA

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 (nits):** 250 nit
- **Contrast ratio (typical):** 500:1
- **Display colors:** 16.2 M
- **Viewing angle:** @ C/R > 5
- **Viewing angle (H / V):** 160 / 160 degree
- **Response time (typical):** 12 ms
- **White Chromaticity, 6500K:** x = 0.313 / y = 0.329
- **White Chromaticity, 9300K:** x = 0.283 / y = 0.297
- **Maximum Resolution:** 1280 x 1024 @ 75Hz
- **Recommended Resolution:** 1280 x 1024 @ 60 Hz
- **Factory Preset Modes:** 16 modes
- **User definable modes:** 16 modes
- **Video Dot Rate:** 140 MHz
- **Horizontal Scanning Frequency:** 30 - 83 kHz
- **Vertical Scanning Frequency:** 56 - 76 Hz
- **Picture enhancement:** LightFrame™ Digital Reality
- sRGB

Connectivity

- **Signal Input:** Analog (VGA), PC Audio in
- **Audio output:** Stereo Audio (3.5 mm jack) 1x
- **Video Sync Input Signal:** Sync on Green, Separate Sync, Composite Sync

Convenience

- **Built-in Audio:** 2 W RMS x 2 Stereo Speakers
- **Buttons and controls:** LightTouch controls, Customized hot key, Side keys
- **Convenience Enhancements:** On-screen Display, SmartControl
- **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 compatible
- **Plug & Play Compatibility:** DDC/CI, sRGB, Windows 98/ME/2000/XP
- **Regulatory Approvals:** CE Mark, E2000, Energy Star, FCC-B, UL, CSA, MPR-II, Low Emission, SEMKO, TÜV/GS, TÜV Ergo
- **Tilt:** -5° to 25°

Accessories

- **Included Accessories:** AC Power Cord, Audio Cable, VGA cable
- User Manual

Dimensions

- **Dimensions (with base) (W x H x D):** 388.2 x 400 x 181.4 mm
- **MTBF:** 50,000 hrs
- **Relative Humidity:** 20% - 80%
- **Temperature range (operation):** 5°C to 35°C
- **Temperature range (storage):** -20°C to 60°C
- **Weight:** 5.5 kg

Power

- **Complies with:** E2000, Energy Star, NUTEK
- **Consumption:** 35 W (Typical)
- **Off Mode:** < 1 W
- **Power LED indicator:** Operation - green, Stand by/sleep - Amber
- **Power supply:** Built-in, 90-264 VAC, 50/60 Hz

Product highlights

LightFrame™ DR
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.

PerfectPanel™
Bright dots and dark dots are defects in a LCD panel. While some manufacturers still consider bright and dark defects in a LCD panel an inevitable part of the manufacturing process, Philips doesn't. Philips monitors, compliant with ISO 13406-2 Class I standard, are produced with zero tolerance for LCD panel defects and backed by Philips PerfectPanel™ globally valid warranty providing repair or replacement of any LCD monitors that display 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.

12ms response time (On-Off)
On-Off 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 transition of text and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

sRGB ready
sRGB is an industry standard that ensures the best possible match between the colors displayed on your screen and those in your printouts.

Innovative cutting-edge design
An exclusive design concept that combines smooth, flowing lines reminiscent fine modern sculpture with ultra modern materials and techno touches to create a monitor that makes a lifestyle statement.

SmartTouch controls
SmartTouch controls are intelligent, ultra-responsive, touch sensitive icons that replace protruding buttons. Responding to your lightest touch, SmartTouch controls, for example, power up your monitor or brighten and sharpen your display with SmartImage Lite. When activated, SmartTouch icons glow to indicate that your commands have been implemented.

Built-in speakers
Audio speakers built into a display device.

Stand-alone audio function
Built-in advanced firmware that delivers audio output from external audio devices including a portable tape, CD or MP3 player even when there is no video input.

Embedded power supply
An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.

CableGuide
A convenient set of cable guides built into the rear of Philips monitors that keeps cables untangled and organized cables, helping you maintain a tidy, well ordered space.