



Philips
LCD monitor

43 cm (17")
SXGA

170B5CB

satisfies display requirements of demanding users

When you demand more than basics: Outstanding, reliable display, productivity enhancing ergonomics plus SmartManage for remote, LAN-based monitor management and low power consumption make the Philips 170B5 the right business choice.

Outstanding front of screen performance

- Zero Bright Dot™ eliminates LCD bright dot defects
- Fast response time for great display of moving images
- SXGA 1280 x 1024 resolution for sharper display
- Dual input accepts both analog VGA and digital DVI signals
- sRGB ensures color matching between display and printouts

Maximum comfort for maximum productivity

- Built-in speakers for audio without desktop clutter
- Adjustable screen height for the ideal viewing angle
- 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

Great convenience

- Embedded power supply eliminates external power adaptors

PHILIPS

Highlights

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.

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-gray 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.

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.

Dual input

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

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.

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.

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.

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.



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/m²
- 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
- sRGB

Connectivity

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

Convenience

- Built-in Audio: 2 W RMS x 2 Stereo Speakers
- User convenience: On-screen Display, SmartManage
- Monitor Controls: Auto, Brightness Control, Left/Right, 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, EMC, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, TCO '99, TÜV/GS, TÜV Ergo
- Swivel: +/- 125°
- Tilt: -5° to 25°
- VESA Mount: 100 x 100 mm

Accessories

- Included accessories: AC Power Cord, Audio Cable, VGA cable
- User Manual
- Optional accessories: Super Ergo Base

Dimensions

- Dimensions (with base) (W x H x D): 375 x 372 x 210 mm
- Height adjustment range: 70 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: 5.4 kg

Power

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

