

- **Digital/Analog Support**

Experience the advantages of a true digital monitor while still maintaining support for traditional analog signals

- **AUTOMATIC Adjustment**

A perfect picture is only three seconds away. Philips auto adjustment provides optimal screen position and performance with a press of a single button.

- **VESA Compliant**

Standard VESA mounting holes and optional wall-mounting kit

- **XtraSpace Design™**

Big screen, little space. Only 7.1" in depth, the 170B has the smallest footprint in its class

- **Philips First Choice Program**

One-call support includes a comprehensive 3-year warranty with a 1-year 48-hour advance swap guarantee



Philips LCD Series Monitors

Let's make things better.



PHILIPS

Product Number 170B1A

Technical Specifications

LCD Panel

- Screen Size 17.0"/43.2 cm
- Pixel Pitch 0.264 x 0.264mm
- Panel Type Active Matrix TFT LCD
- Display Format 1280 x 1024, RGB Vertical Stripe
- Surface Treatment Non-glare, Hard Coat
- Interface Digital and Analog
- Light Transmission 6%
- Surface (Pencil) Hardness 3H
- Backlight CCFL x 4
- Display Area 13.3" x 10.6"/337.9 x 270.3 mm

Video

- Video 135MHz
- Input Impedance: Video: 75Ω, Sync: 2kΩ
- Input Signal Levels: 0.7Vp-p, 0.286Vp-p (S-O-G)
- Sync Input Signal Separate Sync, Composite Sync, Sync on Green
- Sync Polarities Positive and Negative

Resolution and Preset Modes

- Maximum Resolution 1280 x 1024 @ 75Hz
- 32 User Definable Modes
- 15 Factory Preset Modes:

Resolution	Mode	H.Freq	V.Freq	Standard
640 x 350	n.i.	31.5(kHz)	70(Hz)	VGA®
720 x 400	n.i.	31.5	70	VGA®
640 x 480	n.i.	31.5	60	VGA®
640 x 480	n.i.	35.0	67	MAC®
640 x 480	n.i.	37.5	75	VESA®/75
800 x 600	n.i.	35.2	56	SVGA®
800 x 600	n.i.	37.9	60	VESA®/75
800 x 600	n.i.	46.9	75	SVGA®
832 x 624	n.i.	49.7	75	MAC®
1024 x 768	n.i.	48.4	60	XGA
1024 x 768	n.i.	60.0	75	VESA®/75
1152 x 870	n.i.	69.0	75	MAC®
1152 x 900	n.i.	71.8	76	SUN/SPARC
1280 x 1024	n.i.	63.9	60	SXGA®
1280 x 1024	n.i.	80.0	75	VESA®/75

Plug-And-Play Compatibility

- Display Data Channel DDCI/2B (VESA)

Low Emission Characteristics

- Complies with MPR-II and TCO 1999 Specifications

Optical Characteristics (at 77°F/25°C)

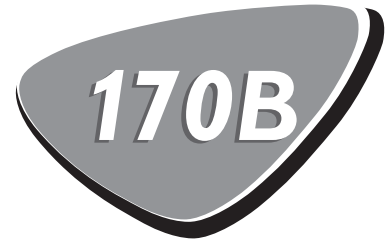
- Contrast Ratio (C/R) 300:1
- Brightness 235cd/m2 (typical)
- Viewing Angle (C/R>5)
- Horizontal 120°(±60°) Vertical 100°(+40°/-60°)
- Number of Colors 16.7 million
- Response time (0- = 0°, 0/ = 0°) $t_{rise} = 30ms$ (typ) $t_{fall} = 15ms$ (typ)
- White Color Temperature and Chromaticity
CIE Coordinates:(measured at ±0°H/±0°V)
at 9300°K $x = 0.281, y = 0.311$
at 6500°K $x = 0.312, y = 0.338$
at 5500°K $x = 0.332, y = 0.347$
as shipped at 100% RGB $x = 0.310, y = 0.330$

Power Management

- Complies with EPA Energy Star, NUTEK, and TCO '99 Specifications
- Philips 170P consumes less than 3 Watts in Power Off mode

Regulatory Approvals

- UL • CSA • TUV/GS • MPR II Low Emission
- CE • FCC-B • TCO '99
- NOM • SEMKO • TUV/ERGO



Controls and Connections

• Front

- Power - Up/Down (Brightness) - Auto Button
- Left/Right - OSD Button

• Rear

- Power Input Socket A/C & D/C - 15-Pin D-Sub Input
- DVI-D Input - Kensington® Lock Socket

• OSD Controls

- Brightness - Color Temp. - H.Position/Size - V.Position/Size
- Phase Adj. - Exit - Clock Adj.
- Reset - Language - Product - Resolution
- Info-S/N - Tet/Graphics - Expand Mode
- Contrast (analog mode only) - Video Input Priority (digital or analog)

• Cables

- Detachable Power Cord - Detachable D-Sub Interface Cable
- Detachable Stereo Audio Cable - Detachable Microphone Cable

• Supported Platforms

- MS-DOS®, Macintosh®, O/S 2®, Windows®, Windows '95/'98®/2000, Windows NT®

• Supplied Software

- Includes Windows '95/'98® drivers, FP Adjust for Windows 95/'98® /2000 Panel Optimization Software

• Available Accessories

- Protective Cover XG3B10
- USB Wedge 4G350A2H
- VESA Mount 4G35082Q

Physical Specifications

- Unit Dimensions 17.6"W x 18.6"H x 7.1"D
446 x 471 x 181 mm (including pedestal)
- Unit Weight 18.1 lbs./8.2 kg. (including pedestal)
- Carton Dimensions 22.0"W x 22.6"H x 9.4"D
560 x 575 x 240 mm
- Carton Weight 22.5 lbs./10.2 kg.
- UPC Code 0 37849 89832 1
- Power Supply 90-264 Vac, 50/60Hz
- Power Consumption 48 Watts Maximum (45 Watts typical)
- Operating Temperature ??°F to ??°F/5°C to 35°C
- Relative Humidity 20% to 80%
- Storage Temperature -??°F to ??°F/-20°C to 60°C
- MTBF >50,000 Hours (excluding LCD)
- CCFL Lifetime 30,000 Hours (brightness≥50% of original)

USB Technology

For those who need support for USB peripherals, adding a Philips optional USBwedge is a snap. Just click the USBwedge onto the back of the monitor base, and let your computer do the rest. Don't worry about IRQ settings, hardware interrupts, or jumpers; with USB, those decisions will be automatically made by your operating system. The USBwedge is a fully powered hub supporting five USB devices: four downstream and one upstream.

Carton contains: 170B TFT LCD Monitor, power cord, users' manual, and warranty card.

This monitor fulfills all Nutek requirements regarding power management. Philips is a partner in the EPA's ENERGY STAR® Computers Program. As an ENERGY STAR® partner, Philips has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. Mac is a registered trademark of Apple Computer, Inc. MS-DOS is a registered trademark and Windows® 95/98/NT is a trademark of Microsoft Corp. All trademarks acknowledged.

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Specifications subject to change without notice.

