

- **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 9.4" in depth, the 180P 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



Stealth Black Model

Philips LCD Series Monitors

Let's make things better.



PHILIPS

**Product Number 180P1L (Mist White)  
180P1B (Stealth Black)**

**Technical Specifications**

**LCD Panel**

- Screen Size 18.0"/46 cm
- Pixel Pitch 0.280 x 0.280mm
- 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 4%
- Surface (Pencil) Hardness 3H
- Backlight CCFL x 4
- Display Area 14.1" x 11.3"/359.0 x 287.2 mm

**Video**

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

**Audio**

- Input Signal Level 0.7Vp-p
- Loud speakers 2 Built-in, Front-firing,  
1+1 Watt Stereo/24W PMPO  
32Ω, 20+20mW
- Earphone Out Internal Electrical Condenser
- Microphone

**Resolution and Preset Modes**

- Maximum Resolution 1280 x 1024 @ 75Hz
- 30 User Definable Modes
- 16 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. | 56.5      | 70     | VESA®/70  |
| 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 DDCCI/2B (VESA)

**Low Emission Characteristics**

- Complies with MPR-II and TCO '99 Specifications (180P1L)
- Complies with MPR-II and TCO '95 Specifications (180P1B)

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

- Contrast Ratio (C/R) 250:1
- Brightness 200cd/m2 (typical)
- Viewing Angle (C/R>5)  
- Horizontal 160°(±80°) Vertical 160°(±80°)
- Number of Colors 16.7 million
- Response time  
(0- = 0°, 0/ = 0°)  $t_{rise} = 20ms$  (typ)  $t_{fall} = 30ms$  (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  
as shipped at 100% RGB x = 0.315, y = 0.363

**Power Management**

- Complies with EPA Energy Star, NUTEK, and TCO '99 (180P1B - TCO '95) Specifications
- Philips 180P consumes less than 3 Watts in Power Off mode



**Regulatory Approvals**

- UL • CSA • TUV/GS • MPR II Low Emission
- CE • FCC-B • TCO '99 (180P1L)
- NOM • SEMKO • TCO '95 (180P1B) • TUV/ERGO

**Controls and Connections**

- **Front**
  - Power - Up/Down (Brightness) - Auto Button
  - Left/Right (Mute) - OSD Button - Headphone Jack
- **Rear**
  - Power Input Socket A/C & D/C - 15-Pin D-Sub Input
  - 3.5 mm Mini-jack Audio Input- DVI-D Input
  - Kensington® Lock Socket - 3.5 mm Mono Mini-jack Microphone Input
- **OSD Controls**
  - Brightness - Color Temp. - H.Position/Size - V.Position/Size
  - Volume - Phase Adj. - Exit - Clock Adj.
  - Reset - Language - Text/Graphics - Product Info.
  - Video Input (digital or analog) - Contrast (analog mode only)
- **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®/2000 drivers, FP Adjust for Windows 95®/98®/2000 Panel Optimization Software
- **Available Accessories**
  - Protective Cover 4G35022Q
  - USB Wedge 4G350A2H
  - VESA Mount (not shown) 4G35082Q

**Physical Specifications**

- Unit Dimensions 17.8"W x 18.8"H x 7.1"D  
451 x 476 x 181 mm (including pedestal)
- Unit Weight 18.7 lbs./8.5 kg. (including pedestal)
- Carton Dimensions 22.0"W x 22.6"H x 9.4"D  
560 x 575 x 240 mm
- Carton Weight 23.1 lbs./10.5 kg.
- UPC Code 0 37849 89797 3
- Power Supply 90-264 Vac, 50/60Hz
- Power Consumption 48 Watts Maximum (30 Watts typical)
- Operating Temperature 32°F to 104°F/0°C to 40°C
- Relative Humidity 20% to 80%
- Storage Temperature -13°F to 140°F/-25°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: 180P LCD Monitor, power cord, stereo cable, mic cable, and users' manual.

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.

