



- **18-inch Color LCD Monitor**  
Enjoy excellent display performance providing an optimum resolution of 1280 x 1024 for amazing image clarity.
- **Thinnest Front Bezel Design in Class**  
Preserves valuable desk space whether using one or multiple monitors tiled together.
- **Standard VGA Analog Input**  
Provides supports for traditional analog signals.
- **Integrated AC Power Supply**  
Conveniently adapts to a variety of mounting configurations using a built-in power supply that eliminates the hassle of external power supplies.
- **AUTOMATIC Adjustment**  
A perfect picture is only three seconds away. Philips auto adjustment provides optimal screen position and performance with the press of a single button.
- **Philips First Choice Program**  
One-call support includes a comprehensive 3-year warranty with a 1-year 48-hour advance swap guarantee.



Mist White Model  
180B2S



Optional USB Hub  
attached to standard base  
PCUH411  
(Mist White Only)

Philips LCD Business Series Monitors

Let's make things better.



PHILIPS

**Product Number** 180B2W (Stealth Black)  
180B2S (Mist White)

## Technical Specifications

### LCD

- Panel TFT LCD
- Screen Size (inch/cm) 18.1 inch / 46.0 cm
- Pixel Pitch 0.280 x 0.280 mm
- Display Format 1280 x 1024 pixels, RGB Vertical Stripe, Anti-glare Polarizer, Hard Coated
- Display Area 359 x 287.2 mm
- Display Colors 8 bits Interface (16M colors)

### Scanning

- Vertical Refresh Rate 56 - 76 Hz
- Horizontal Frequency 30 - 82 kHz

### Video

- Video Dot Rate 135 MHz
- Input Impedance -Video 75Ω -Sync 2kΩ
- Input Signal Levels 0.7 Vp-p
- Sync Input Signal Separate Sync Composite Sync Sync on green
- Sync Polarities Positive and Negative
- Video Interface Analog (D-Sub) Input

### Optical Characteristics

- Contrast Ratio 350 : 1 (typ.)
- Brightness 250 cd/m<sup>2</sup> (typ.)
- Peak Contrast Angle 6 o'clock
- White Chromaticity x=0.281 y=0.311 (at 9300° K) x=0.312 y=0.338 (at 6500° K)
- Viewing Angle V=160° Upper ≥ 80°(typ.) Lower ≥ 80°(typ.) H=160° Left ≥ 80°(typ.) Right ≥ 80°(typ.)
- Response Time ≤50 ms (typ.)

### Resolution and Preset Modes

- Max. Resolution 1280 x 1024 at 75Hz
- Recom. Resolution 1280 x 1024 at 60Hz
- 32 User Definable Modes
- 15 Factory Preset Modes:

Resolution	H.freq	V.freq	Resolution	H.freq	V.freq
640 x 350	31.5(kHz)	70(Hz)	832 x 624	49.7	75
720 x 400	31.5	70	1024 x 768	48.4	60
640 x 480	31.5	60	1024 x 768	60.0	75
640 x 480	35.0	67	1152 x 870	69.0	75
640 x 480	37.5	75	1152 x 900	71.8	76
800 x 600	35.2	56	1280 x 1024	63.9	60
800 x 600	37.9	60	1280 x 1024	80.0	75
800 x 600	46.9	75			

(Interlace mode is not supported)

### Plug and Play Compatibility

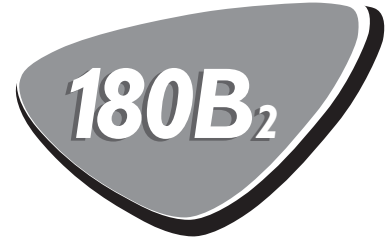
- Display Data Channel DDC 2B (VESA)
- Microsoft®, Windows® 95/98/Me and 2000/XP Compatible

### Power Management

- Complies with EPA Energy Star specifications
- Typical Operation 48W
- Sleep Mode 2W

### Low-Emission Characteristics

- Complies with MPR-II, TCO '95 (180B2W) and TCO '99 (180B2S) specifications



### Monitor Controls and Functions

- Front
  - Power on/off -Tact Switch
  - OK -Tact Switch
  - Auto -Tact Switch
  - Up/Down (Brightness) -Tact Switch
  - Left/Right (Input) -Tact Switch
- LED indicator
  - Steady Green -Power On
  - Amber -Stand By/Sleep Mode
  - Flashing Green -New Mode

### Connections and Cables

- Connections on Monitor Body
  - Video 15-pin D-Sub (analog) Connector
  - DC output 12V, 6.5mm DC Connector
  - Power IEC/CEE-22 Type Male Power Inlet
- Cables D-Sub Video Cable, Power Cord

### User Options Accessories

- USB Hub (PCUH411)
  - 1 Up Stream Port
  - 4 Down Stream Ports
  - Self Powered
  - Digital Communication Speed up to 12MB
- Multimedia Base (VG3P31)
  - 90° Portrait and Landscape Display
  - Adjustable Tilt and Swivel
  - Linear Height Adjustment for best viewing position

### Regulatory Approvals

- FCC-B, UL, CSA
- SEMKO
- MPR-II Low Emission
- CE Mark
- Energy Star
- TCO '95 (180B2W)
- TCO '99 (180B2S)

### Physical Specifications

- UPC Code 180B2W (Stealth Black) 0 37849 72670 3  
180B2S (Mist White) 0 37849 92667 3
- Unit Dimensions (WxHxD) 15.7" x 15.9" x 7.1"  
399 x 403 x 180 mm (incl base)
- Unit Weight 15.4 lbs/7.0 kg
- Carton Dimensions (WxHxD) 18.7" x 9.1" x 19.0"  
475.0 x 231.1 x 482.6 mm
- Carton Weight 22.0 lbs/10 kg
- Tilt -5°~35°
- Power Supply 100 - 240 VAC, 50/60Hz
- Power Consumption 48W\* (typ.)
- Temperature (operating) +5°C to +35°C/ 41°F to 95°F
- Temperature (storage) -20°C to +60°C/ -4°F to 140°F
- Relative Humidity 20% to 80%
- System MTBF 50K hrs (excluding CCFL 40K hrs)

Carton contains: 180B2 Monitor, power cord, and user's manual on CD.

INTERNET ADDRESS:  
TECHNICAL SUPPORT:

<http://www.philipsusa.com>  
(877) 835-1838 (USA)  
(402) 536-4171 (outside USA)

Specifications subject to change without notice.

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