



- **22-inch (20.0" VIS) Color CRT Monitor**  
Enjoy excellent display performance providing an optimum resolution of 2048 x 1536 for amazing image clarity and sRGB compatibility for better color matching.
- **Breakthrough Real Flat Tube**  
Experience natural viewing with no distortion and less reflection with Philips Real Flat monitors.
- **Superior Display with Auto Calibrate**  
With Philips exclusive Auto Calibrate technology, the 202P4 keeps brightness and color output constant over time – automatically.
- **XtraSpace Design™**  
Moving beyond industry standards, Philips monitors increase available desk space while delivering the shortest front-to-back desk space requirement in the industry.
- **Philips First Choice Program**  
One-call support includes a comprehensive 3-year warranty with a 1-year 48-hour advance swap guarantee.



**REAL  
FLAT**



Auto Calibrate

**XSD**  
XtraSpace Design



Mist White Model  
202P40



Optional USB Hub  
attached to standard base  
PCUH411

Philips Professional Series Monitors

Let's make things better.



**PHILIPS**

**Product Number** 202P45 (Black/Silver)  
202P40 (Mist White)

## Technical Specifications

### CRT

- Size (inch/cm) 22.0 inch / 55 cm (20.0" VIS)
- Deflection Angle (degrees) 90°
- Grille Pitch 0.25 mm
- Tube Type Aperture Grille, Real Flat, High Contrast, Anti-glare, Anti-static, Anti-reflection, Light Transmission 41%
- Phosphor B22
- Recom. Display Area (mm) 392 x 294 mm
- Recom. Display Area (inch) 15.4" x 11.6"
- Max. Display Area (mm) 406 x 305 mm
- Max. Display Area (inch) 16.0" x 12.0"

### Scanning

- Horizontal Scanning 30 - 130 kHz
- Vertical Scanning 50 - 160 Hz

### Video

- Video Dot Rate 360 MHz
- Input Impedance -Video 75Ω
- -Sync 2.2kΩ
- Input Signal Levels 0.7 Vp-p
- Sync Input Signal Separate Sync
- Sync Polarities Composite Sync
- Sync Polarities Positive and Negative

### White Color Temperature

Chromaticity CIE Coordinates:

- at 9300 K: x=0.283, y=0.297
- at 6500 K: x=0.313, y=0.329
- at 5500 K: x=0.332, y=0.347
- sRGB

### Resolution and Preset Modes

- Max. Resolution 2048 x 1536
- Recom. Resolution 1600 x 1200
- GTF
- 16 User Definable Modes
- 37 Factory Preset Modes:

Resolution	H.freq	V.freq	Resolution	H.freq	V.freq
640 x 480	31.5(kHz)	60(Hz)	1280 x 1024	91.1	85
640 x 480	37.9	72	1600 X 1200	75.0	60
640 x 480	37.5	75	1600 X 1200	81.3	65
640 x 480	43.3	85	1600 X 1200	87.5	70
640 x 480	50.6	100	1600 X 1200	93.8	75
720 x 400	31.5	70	1600 X 1200	106.3	85
800 x 600	37.9	60	1792 X 1344	83.6	60
800 x 600	48.1	72	1792 X 1344	106.3	75
800 x 600	46.9	75	1792 X 1344	118.5	85
800 x 600	53.7	85	1856 X 1392	86.3	60
800 x 600	63.9	100	1856 X 1392	122.3	85
832 x 624	49.7	75	1920 X 1440	90.0	60
1024 x 768	48.4	60	1920 X 1440	112.5	75
1024 x 768	56.5	70	1920 X 1440	120.0	80
1024 x 768	60.0	75	1920 X 1440	127.3	85
1024 x 768	68.7	85	2048 x 1536	95.8	60
1152 x 870	68.7	75	2048 x 1536	120.5	75
1280 x 1024	64.0	60	2048 x 1536	130.0	80
1280 x 1024	80.0	75			

### Plug and Play Compatibility

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



### Power Management

Complies with EPA Energy Star specifications

- Operation 124 W (typical)
- Suspend/Stand By Mode < 7 W
- Off Mode/Deep Sleep Mode < 2.8 W

### Low-Emission Characteristics

- Complies with MPR-II and TCO '99 specifications

### Monitor Controls and Functions

- Main 5-button OSD  
Brightness +/- Direct Access  
Contrast +/- Direct Access  
Input Selection Direct Access  
Language (English, Spanish, French, German, Italian), Zoom, Horizontal, Vertical, Pincushion, Balanced, Trapezoid, Parallelogram, Color, sRGB, Reset, Degauss, Moire, Serial Number, Resolution, Frequency, Convergence, Purity, Input Selection, Auto Calibrate  
Automatic and manual calibration of color temperature, brightness and contrast levels to original setting
- On Screen Display
- Auto Calibrate

### Connections and Cables

- Connections -Video 15-pin D-Sub / 5 BNC
- Cables D-Sub Video Cable, Power Cord

### Regulatory Approvals

- TCO '99
- MPR-II Low Emission
- FCC-B, UL, CSA, DHHS
- VCC-I, CE, BCIQ, PSB
- Energy Star

### Physical Specifications

- UPC Code 202P45 (Black/Silver) 0 37849 92918 6  
202P40 (Mist White) 0 37849 92469 3
- Unit Dimension (WxHxD) 19.7" x 19.7" x 18.3" (incl. base)  
501 x 501 x 466 mm (incl. base)  
19.7" x 18.1" x 18.3" (excl. base)  
501 x 461 x 466 mm (excl. base)
- Unit Weight 61.8 lbs/28.1 kg
- Carton Dimension (WxHxD) 25.9" x 26.6" x 25.9"  
657.9 x 675.6 x 657.9 mm
- Carton Weight 76.0 lbs/34.5 kg
- Power Supply 90 - 264 VAC, 50/60Hz
- Temperature (operating) 0°C to 35°C/ 32°F to 95°F
- Temperature (storage) -25°C to 65°C/ -13°F to 149°F
- Relative Humidity 5% to 95%
- System MTBF > 75,000 hrs

### Other

- USB Hub Option PCUH411

Carton contains: 202P4 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.

Let's make things better.



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