

# BRILLIANCE 201P

## 21" (20.0" VIS)

### REAL FLAT Monitor

- **Smallest 21" flat monitor – period.** Space Conscious Design results in the smallest 21" monitor footprint in its class
- **Breakthrough Real Flat tube.** Experience natural viewing with no distortion and less reflection with Philips Real Flat professional monitors
- **Incredible images with ICE technology.** Philips Image Clear Enhancement technology includes a fixed pitch .24 mm aperture grill, special inner tube structure for greater focus accuracy and spot size control, and a high contrast coating for blacker blacks and whiter whites; automatic convergence and purity correction to guard against and correct interference from magnetic fields, temperature variations, or beam current deviations – to keep your image looking great at all times
- **Superior Display with Auto Calibrate.** With Philips exclusive Auto Calibrate technology, the Brilliance 201P keeps brightness and color output constant over time – automatically
- **Intuitive screen adjustments including CustoMax and OSD Lock.** Developed with consumer focus groups, the ergonomically placed and design controls allow for easy navigation through plan language menus and simple icons; in addition, Philips CustoMax screen adjustment software allows full monitor control via USB on Windows® '95/'98 USB equipped systems
- **Protect your investment – Upgrade don't replace.** Philips gives you the freedom choice with a flexible USB upgrade option; attach the rotatable USB powered hub to the tilt/swivel base to conveniently plug-in USB devices
- **A monitor you can rely on.** A high 75,000 MTBF rating makes the Brilliance 201P one of the most reliable monitors on the market; Philips First Choice Program with one call support includes a comprehensive 3-year warranty with a 1-year 48-hour advance swap guarantee.



USB hub



Auto Calibrate



Let's make things better.



# PHILIPS

## Product Number 201P10

### Technical Specifications

#### CRT

- Size (inch/cm) 21"/51 cm (20.0" VIS)
- Deflection Angle (Degrees) 90°
- Grille Pitch 0.24 mm
  - Tube Type Aperture Grille, 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 - 121kHz
- Vertical Scanning 50 - 160Hz

#### Video

- Video Dot Rate 320MHz
- Input Impedance
  - Video 75Ω
  - Sync 2.2kΩ
- Input Signal Levels 0.7Vp-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

#### Resolution and Preset Modes

- Max. Resolution 2048 x 1536
  - Recom. Resolution 1600 x 1200
  - 16 User Definable Modes
  - 39 Factory Preset Modes:
- |             | H.freq (kHz) / V.freq (Hz)                        |
|-------------|---|
| 640 x 350   | 31.5K/70; 37.9K/85                                |
| 640 x 480   | 31.5K/60; 37.9K/72; 37.5K/75; 43.3K/85; 50.6K/100 |
| 720 x 400   | 31.5K/70; 37.9K/85                                |
| 800 x 600   | 37.9K/60; 48.1K/72; 46.9K/75; 53.7K/85; 63.9K/100 |
| 832 x 624   | 49.7K/75  |
| 1024 x 768  | 48.4K/60; 56.5K/70; 60.0K/75; 68.7K/85            |
| 1152 x 864  | 67.5K/75  |
| 1152 x 870  | 68.7K/75  |
| 1152 x 900  | 71.8K/76  |
| 1280 x 960  | 60.0K/60; 85.9K/85                                |
| 1280 x 1024 | 64.0K/60; 80.0K/75; 91.1K/85                      |
| 1600 x 1200 | 75.0K/60; 81.3K/65; 87.5K/70; 93.8K/75; 106.3K/85 |
| 1792 x 1344 | 83.6K/60; 106.3K/75                               |
| 1856 x 1392 | 86.3K/60  |
| 1920 x 1440 | 90.0K/60; 112.5K/75                               |
| 2048 x 1536 | 95.8K/60; 120.5K/75                               |

#### Plug and Play Compatibility

- Display Data Channel DDC 1/2B
- Microsoft®, Windows® 95/98/NT Compatible
- VESA® GTF Compatible

#### Power Management

- Complies with EPA Energy Star, NUTEK and E2000 Specifications
- Operation (typ.) 124 W
- Suspend/Stand-By Mode (typ.) < 7 W
- Off Mode/Deep Sleep < 2.8 W

#### Low-emission Characteristics

- Complies with MPR-II and TCO '99 Specifications

## Professional Series Monitor

# 201P

#### 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, Reset, Degauss, Moire, Serial Number, Resolution, Frequency, Convergence, Purity, Input Selection, Auto Calibrate
- OSD
  - Adjustments, Test Patterns, Onscreen help
  - Automatic and Manual Calibration of Color Temperature, Brightness and Contrast Levels to Original Setting
  - Automatic Convergence and Purity Correction Due to Thermal or Magnetic Influence
- CustoMax® via USB
- Auto Calibrate
- Automatic Correction

#### Connections and Cables

- Connections
  - Video 15-pin D-Shell/5 x BNC
  - USB Upstream Port
- Cables D-Sub Video, Power and USB

#### Regulatory Approvals

- TCO '99
- MPR-II Low Emission
- TÜV/GS, TÜV-Ergo
- FCC-B, UL, CSA, DHHS
- SEMKO, Poland-B Sign, C-Tick
- VCC-I, CE, BCIQ, PSB



monitor back

#### Physical Specifications

- Dim. Incl. Base (WxHxD)(mm) 501 x 501 x 466
- Dim. Incl. Base (WxHxD)(inch) 19.7" x 19.7" x 18.3"
- Dim. Excl. Base (WxHxD)(mm) 501 x 461 x 466
- Dim. Excl. Base (WxHxD)(inch) 19.7" x 18.1" x 18.3"
- Unit Weight 29 kg/63.8 lbs.
- Power Supply 90 - 264 VAC, 50/60Hz
- UPC Code 0 37849 89463 7
- Carton Dimensions (WxHxD)(mm) 654 x 673 x 662
- Carton Dimensions (WxHxD)(inch) 25.7" x 26.5" x 26.1"
- Carton Weight 33kg/72.6 lbs.
- Temperature (Operational) 0°C to +35°C/ 32° to 95°F
- Temperature (Storage) -25°C to +65°C/ -13° to 149°F
- Relative Humidity 5% to 95%
- MTBF (excl. CRT) > 75,000 H

#### Other

- USB Hub Option Type PCUH411

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. Printed in the U.S.A. ©2000 Philips Consumer Electronics Co. A Division of Philips Electronics North America Corp. 200018 KID Design, Philips Consumer Electronics Co. By using environmentally-friendly materials, Philips Consumer Electronics Company continues to demonstrate our commitment to a cleaner environment. This paper is made from at least 10% post-recycled stock, and the ink is vegetable based.

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Specifications subject to change without notice

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