

17" (16.0" VIS) XSD™ monitor

107B<sub>10</sub>

### Product description

- 17" -inch (16.0" VIS) color monitor with excellent front of screen performance for use with MACs and PCs
- Autoscan covers horizontal frequencies up to 92 KHz offering a maximum resolution of 1920 x 1440 with flicker free display of 1024 x 768 at up to 115 Hz
- Flat Square High Contrast CRT with high-resolution 0.25 mm dot pitch (0.21 mm hdp)
- XSD- XtraSpace Design™ for large screen display in a small footprint: World's shortest 17-inch monitor with maximum depth of only 368 mm/14.5" that matches most of today's 14-inch monitors.
- Outstanding ease of use thanks to CustoMax® monitor control software via USB
- Multimedia Base and USB Hub option
- TCO99, E2000, NUTEK, EPA, FCC, CE and ISO9241 certified



(at selected countries)



CustoMax® control via USB

Optional USB HUB PCUH411

Optional Multimedia Base 6G3B10



Let's make things better.



PHILIPS

## Technical Specifications

### CRT

- Size (inch/cm) 17"/ 41 cm
- Deflection angle (degrees) 100°
- Dot pitch 0.25 mm
- Horizontal pitch 0.21 mm
- Tube type Shadow mask, Flat Square, High Contrast, Anti Glare, Anti Static, Anti reflection, Light Transmission 46% P22
- Phosphor 306 x 230 mm
- Recom. display area(mm) 12.0" x 9.0"
- Recom. display area(inch) 327 x 245 mm
- Max. display area(mm) 12.9" x 9.7"
- Max. display area(inch)

### Scanning

- Horizontal scanning 30 - 92 KHz
- Vertical scanning 50 - 160 Hz

### Video

- Video dot rate 234 MHz
- Input impedance
- Video 75 Ohm
- Sync 2.2k Ohm
- Input signal levels 0.7 Vpp
- Sync input signal Separate sync
- 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 1920 x 1440
  - Recom. resolution 1024 x 768
  - 16 user definable modes
  - 34 factory preset modes:
- |             |                               |
|-------------|-------------------------------|
| 640 x 350   | H.freq (kHz)/ V.freq (Hz)     |
| 640 x 480   | 31.5K/70; 37.9K/85            |
|             | 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; 77K/85              |
| 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  |
| 1792 x 1344 | 83.6K/60                      |
| 1856 x 1392 | 86.3K/60                      |
| 1920 x 1440 | 90.0K/60                      |

### Plug and play compatibility

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

### Power management

- Complies with EPA Energy Star and NUTEK specifications
- Operation (typ.) 90 W
- Suspend/Stand By mode (typ.) < 10 W
- Off mode/ Deep Sleep < 2.3 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
- On Screen Display Language (English, Spanish, French, German, Italian), zoom, horizontal, vertical, pincushion, balanced, trapezoid, parallelogram, color, reset, degauss, moire, serial number, resolution, frequency
- CustoMax® via USB Adjustments, test patterns, on screen help

### Connections and Cables

- Connections
- Video 15-pin D-Shell
- USB upstream port
- Cables Video(fixed), 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
- VCCI, CE, BCIQ, PSB

### Physical specifications

- Dim. incl. base (WxHxD)(mm) 399 x 410 x 368
- Dim. incl. base (WxHxD)(inch) 15.7" x 16.1" x 14.5"
- Dim. excl. base (WxHxD)(mm) 399 x 373 x 368
- Dim. excl. base (WxHxD)(inch) 15.7" x 14.7" x 14.5"
- Weight (kg) 14.8 kg
- Power supply 90 - 264 VAC, 50/60Hz
- Temperature (operational) 0°C to +40°C/ 32° to 104°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
- Multimedia Base option type: 6G3B10

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 trademark acknowledged. Copyright ©1999 Philips Electronics N.V.

All data subject to change without notice  
 Release date: July 1999