

17" (16.0" VIS) Real Flat monitor

107P₅₀

Dare to compare! LightFrame™3 for the sharpest and brightest displays ever!

- LightFrame™3 - Doubles Normal Brightness
- 17-inch (16.0" VIS) Real Flat color monitor with excellent front of screen performance for use with MACs and PCs
- Autoscan covers horizontal frequencies up to 97 kHz offering a maximum resolution of 1920 x 1440 with flicker free display of 1280 x 1024 up to 91 Hz
- Real Flat high brightness, high contrast CRT with high-resolution 0.21 mm horizontal dot pitch
- TCO '03 certified



Optional
Multimedia base
6G3B11100



PHILIPS

17" (16.0" VIS) Real Flat monitor



Technical Specifications

CRT panel

- Size (inch/cm) 17"/ 41 cm,
- Deflection angle (degrees) 90°
- Dot pitch 0.25 mm
- Horizontal pitch 0.21 mm
- Tube type Shadow mask, Real Flat, high brightness, high contrast, anti glare, anti static, anti reflection, light transmission 50%
- Phosphor P22
- Recom. display area (mm) 310 x 230 mm
- Recom. display area (inch) 12.2" x 9.0"
- Max. display area (mm) 325 x 244 mm
- Max. display area (inch) 12.8" x 9.6"

Scanning

- Horizontal scanning 30 - 97 KHz
- Vertical scanning 50 - 160 Hz

Video

- Video dot rate 250 MHz
- Input impedance -Video 75 Ohm
- -Sync 4.7K Ohm
- Input signal levels 0.7Vpp
- 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 & preset modes

- Max. resolution 1920 x 1440
 - Recommended resolution 1024 x 768
 - User definable modes 11
 - Factory modes 40
- | | H.freq (KHz) | V.freq (Hz) |
|-------------|--------------|-------------|
| 640 x 350 | 31.5 K | 70 |
| 640 x 350 | 37.9 K | 85 |
| 640 x 480 | 31.5 K | 60 |
| 640 x 480 | 35 K | 67 |
| 640 x 480 | 37.9 K | 72 |
| 640 x 480 | 37.5 K | 75 |
| 640 x 480 | 43.3 K | 85 |
| 640 x 480 | 50.6 K | 100 |
| 720 x 400 | 31.5 K | 70 |
| 720 x 400 | 37.9 K | 85 |
| 800 x 600 | 35.2 K | 56 |
| 800 x 600 | 37.9 K | 60 |
| 800 x 600 | 48.1 K | 72 |
| 800 x 600 | 46.9 K | 75 |
| 800 x 600 | 53.7 K | 85 |
| 800 x 600 | 60.4 K | 90 |
| 800 x 600 | 63.9 K | 100 |
| 832 x 624 | 49.7 K | 75 |
| 1024 x 768 | 48.4 K | 60 |
| 1024 x 768 | 56.5 K | 70 |
| 1024 x 768 | 60.0 K | 75 |
| 1024 x 768 | 68.7 K | 85 |
| 1024 x 768 | 72.5 K | 90 |
| 1152 x 864 | 63.9 K | 70 |
| 1152 x 864 | 67.5 K | 75 |
| 1152 x 864 | 77 K | 85 |
| 1152 x 870 | 68.7 K | 75 |
| 1152 x 900 | 71.8 K | 76 |
| 1280 x 960 | 60.0 K | 60 |
| 1280 x 960 | 85.9 K | 85 |
| 1280 x 1024 | 64.0 K | 60 |
| 1280 x 1024 | 80.0 K | 75 |
| 1280 x 1024 | 91.1 K | 85 |
| 1600 x 1200 | 75.0 K | 60 |
| 1600 x 1200 | 81.3 K | 65 |
| 1600 x 1200 | 87.5 K | 70 |
| 1600 x 1200 | 93.8 K | 75 |
| 1792 x 1344 | 83.6 K | 60 |
| 1856 x 1392 | 86.3 K | 60 |
| 1920 x 1440 | 90.0 K | 60 |

Plug and play compatibility

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

Power management

- Complies with EPA Energy Star and NUTEK specifications
- Operation 70 W (typical)
 - Suspend/ Stand by mode < 1 W
 - Off mode/ Deep Sleep < 1 W

Low-emission characteristics

- Complies with MPR-II and TCO '03 specifications

Monitor controls and functions

- Main 4-button OSD
- Brightness +/- direct access
- Contrast +/- direct access
- Language (English, Spanish, French, German, Italian, Chinese, Portuguese, Korean), zoom, horizontal, vertical, pincushion, balanced, trapezoid, parallelogram, color, reset, degauss, LightFrame, moire, serial number, resolution, frequency, sRGB
- On Screen Display For improving the display of multimedia content including photos, videos and game screens. Boosts brightness and sharpness performance in user selected screen areas or windows. For enhanced web browsing, automatically detects graphical content in Internet Explorer. Can process up to 16 images simultaneously. Advanced user adjustments made through Windows control panel. Easy to use display enhancement control software for Windows 98, Me, XP and 2000. Software in English, French, German, Spanish, Italian, Portuguese, Chinese and Korean.
- LightFrame™3

Connections and cables

- Connections on monitor body
- Video 15-pin D-sub
- Cables D-Sub Video cable (fixed), power cord

Regulatory approvals

- TCO '03
- MPR-II Low Emission
- TÜV/GS, TÜV-Ergo
- FCC-B, UL, CSA, DHHS
- SEMKO, Poland-B sign, C-Tick
- CE, BSMI, PSB
- NUTEK, Energy Star

Physical specifications

- Dim. incl. base (W x H x D) (mm) 399 x 410 x 419
- Dim. incl. base (W x H x D) (inch) 15.7" x 16.1" x 16.5"
- Dim. excl. base (W x H x D) (mm) 399 x 373 x 419
- Dim. excl. base (W x H x D) (inch) 15.7" x 14.7" x 16.5"
- Weight (kg) 15.1 kg
- Power supply 90 - 264 VAC, 50/60 Hz
- Temperature (operational) 0°C to 40°C/ 32°F to 104°F
- Temperature (storage) -25°C to 65°C/ -13°F to 149°F
- Relative humidity 5% to 95%
- MTBF > 75,000 H

Other

- Multimedia base option type: 6G3B11/00

As an Energy Star partner, Philips has determined that this product meets the Energy Star guidelines for energy efficiency. Microsoft and Windows are registered trademarks of Microsoft Corporation. MacOS is a registered trademark of Apple Computer, Inc.

All data subject to change without notice

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www.philips.com/pcstuff

