



BRILLIANCE

17" (16.0" VIS) Real Flat monitor

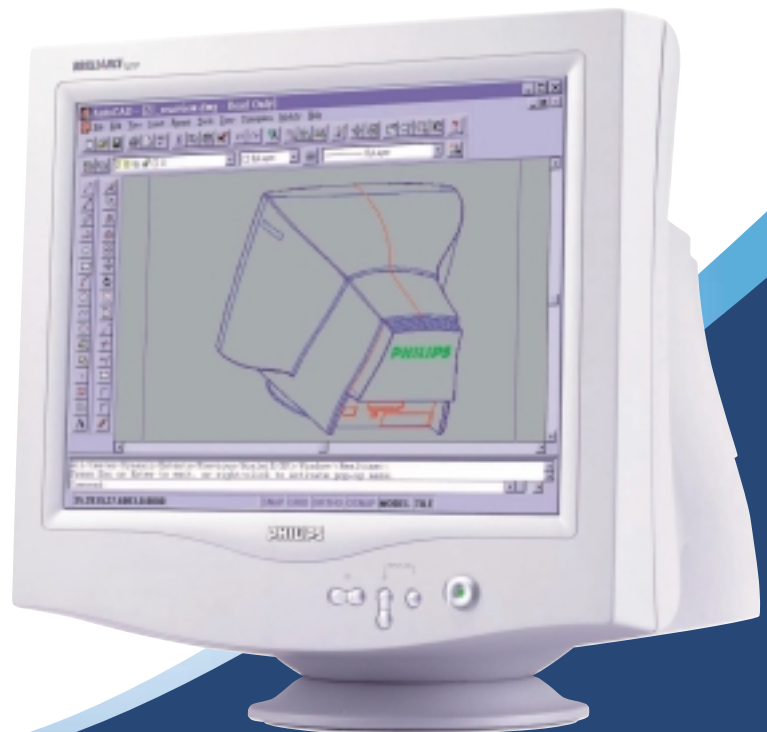
Product description

- 17-inch (16.0"VIS) Real Flat color monitor featuring ICE technology for 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
- Real Flat Aperture Grille CRT with high-resolution 0.25 mm grille pitch
- LightFrame™ for brightest and sharpest display of movie and photo windows
- XSD - Xtra Space Design™ for large screen display in a small footprint: World's shortest 17-inch Real Flat monitor with maximum depth of only 419 mm / 16.5"
- TCO99, E2000, NUTEK, EPA, FCC, CE, ISO9241 and ISO14001 certified

Optional Multimedia base 6G3B11



Optional USB HUB PCUH411



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PHILIPS

17" (16.0" VIS) Real Flat monitor



Technical specifications

CRT

- Size (inch/cm) 17"/ 41 cm
- 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 38%
- Phosphor B22
- Recom. display area(mm) 306 x 230 mm
- Recom. display area(inch) 12.0" x 9.0"
- Max. display area(mm) 325 x 244 mm
- Max. display area(inch) 12.8" x 9.6"

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
 - GTF
 - 16 user definable modes
 - 34 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; 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/2000 compatible

Power management

- Operation (typ.) 92 W
- Suspend/Stand By mode (typ.) < 11 W
- Off mode/ Deep Sleep < 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, convergence
Brightness and sharpness boost on user selectable windows. User interface application for Windows® 95/98/NT/2000 and MacOS 8/9.
Supported languages: English, French, German, Spanish, Dutch, Portuguese (for Windows® version) and English, French, Spanish, German (for MacOS).
- LightFrame™

Connections and Cables

- Connections
- Video 15-pin D-Shell
- Cables Video(Fixed) and Power

Regulatory approvals

- TCO '99
- MPR-II Low Emission
- TÜV/GS, TÜV-Ergo, TÜV/9241-3
- FCC-B, UL, CSA, DHHS
- SEMKO, Poland-B sign, C-Tick
- VCC-I, CE, BCIQ, PSB

Physical specifications

- Dim. incl. base (WxHxD)(mm) 399 x 410 x 419
- Dim. incl. base (WxHxD)(inch) 15.7" x 16.1" x 16.5"
- Dim. excl. base (WxHxD)(mm) 399 x 373 x 419
- Dim. excl. base (WxHxD)(inch) 15.7" x 14.7" x 16.5"
- Weight (kg) 17.5 kg
- Power supply 90 - 264 VAC, 50/60Hz
- 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 (excl. CRT) > 75,000 H

Other

- USB Hub option type: PCUH411
- Multimedia Base option type: 6G3B11

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.
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Release date: June 2000
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