

17" (16.0" VIS) Real Flat monitor

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

- LightFrame™3 - 2 x Normal Brightness
- 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 86 kHz offering a maximum resolution of 1600 x 1200 with flicker free display of 1024 x 768 at up to 107 Hz
- Flat square High Brightness, High Contrast CRT with high-resolution 0.25 mm dot pitch (0.21 hdp)
- XSD-Xtra Space Design for large screen display in a small footprint: World's shortest 17-inch conventional monitor with maximum depth of only 419 mm/16.5"
- Multimedia Base and USB Hub option
- TCO99 certified



Optional
Multimedia base
6G3B11

Optional
USB HUB
PCUH411

Let's make things better.



PHILIPS

17" (16.0" VIS) Real Flat monitor



Technical Specifications

- 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 55% P22
- Phosphor 306 x 230 mm
- Recom. display area(mm) 12.0" x 9.0"
- Recom. display area(inch) 325 x 244 mm
- Max. display area(mm) 12.8" x 9.6"
- Max. display area(inch)

Scanning

- Horizontal scanning 30 - 86 kHz
- Vertical scanning 50 - 160 Hz

Video

- Video dot rate 176 MHz
- Input impedance -Video 75 Ohm
- -Sync 2.2k Ohm
- Input signal levels 0.7 Vpp
- 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 1600 x 1200
 - Recom. resolution 1024 x 768
 - 16 user definable modes
 - 29 factory preset modes:
- | | H.freq (kHz)/V.freq (Hz) |
|-------------|--------------------------|
| 640 x 350 | 31.5K/70 |
| 640 x 350 | 37.9K/85 |
| 640 x 480 | 31.5K/60 |
| 640 x 480 | 37.9K/72 |
| 640 x 480 | 37.5K/75 |
| 640 x 480 | 43.3K/85 |
| 640 x 480 | 50.6K/100 |
| 720 x 400 | 31.5K/70 |
| 720 x 400 | 37.9K/85 |
| 800 x 600 | 37.9K/60 |
| 800 x 600 | 48.1K/72 |
| 800 x 600 | 46.9K/75 |
| 800 x 600 | 53.7K/85 |
| 800 x 600 | 63.9K/100 |
| 832 x 624 | 49.7K/75 |
| 1024 x 768 | 48.4K/60 |
| 1024 x 768 | 56.5K/70 |
| 1024 x 768 | 60.0K/75 |
| 1024 x 768 | 68.7K/85 |
| 1152 x 864 | 67.5K/75 |
| 1152 x 864 | 77K/85 |
| 1152 x 870 | 68.7K/75 |
| 1152 x 900 | 71.8K/76 |
| 1280 x 960 | 60.0K/60 |
| 1280 x 960 | 85.9K/85 |
| 1280 x 1024 | 64.0K/60 |
| 1280 x 1024 | 80.0K/75 |
| 1600 x 1200 | 75.0K/60 |
| 1600 x 1200 | 81.3K/65 |

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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 68 W (typical)
- Suspend/Stand By mode < 2 W
- Off mode/Deep Sleep < 2 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, Chinese, Portuguese, Korean), zoom, horizontal, vertical, pincushion, balanced, trapezoid, parallelogram, color, reset, degauss, moire, serial number, resolution, frequency, sRGB
- LightFrame™3 For improving the picture display of multi media content such as photos, videos and games. Will boost brightness and sharpness performance on user selected areas/windows on the screen. With automatic detection of graphical content in Internet Explorer for the web browsing. Can process up to 16 images simultaneously. One-button full screen mode. Advanced user adjustments via Windows control panel. Easy to use control software for Windows 98, Me, XP and 2000. Software in English, French, German, Spanish, Italian, Portuguese, Dutch, Chinese and Korean

Connections and Cables

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

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
- CE, BCIQ, PSB
- NUTEK, Energy Star

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) 16.5 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 > 75,000 H

Other

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

All data subject to change without notice

Release date: May 2001

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