

19" (18.0" VIS) Real Flat monitor



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

- **LightFrame™ 3 - 2 x Normal Brightness**
- **19-inch (18.0" 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 at up to 90 Hz**
- **Real Flat 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 foot print: World's shortest 19-inch Real Flat shadow mask monitor with maximum depth of only 449 mm/17.6"**
- **TCO '03 certified**



PHILIPS

19" (18.0" VIS) Real Flat monitor



Technical Specifications

CRT

- Size (inch/cm) 19"/ 46 cm
- Deflection angle (degrees) 90°
- Dot pitch 0.25 mm
- Horizontal pitch 0.21 mm
- -Tube type Shadow mask, Real Flat, High Contrast, Anti Glare, Anti Static, Anti reflection, Light Transmission 45%
- Phosphor P22
- Recom. display area(mm) 355 x 265 mm
- Recom. display area(inch) 14" x 10.4"
- Max. display area(mm) 360 x 270 mm
- Max. display area(inch) 14.4" x 10.8"

Scanning

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

Video

- Video dot rate 203 MHz
- Input impedance -Video 75 Ohm
- -Sync 2.2k Ohm
- Input signal level 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 and preset modes

- Max. resolution 1920 x 1440
- Recom. resolution 1280 x 1024
- 16 user definable modes
- 33 factory modes:

	H.freq (kHz)	V.freq (Hz)
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
1280 x 1024	91.1K	85
1600 x 1200	75.0K	60
1600 x 1200	81.3K	65
1600 x 1200	87.5K	70
1600 x 1200	93.8K	75
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 2B (VESA)
- Microsoft® Windows® 95/98/Me & 2000/NT/XP compatible
- sRGB

Power management

- Complies with EPA Energy Star and NUTEK specifications
- Operation 75 W (typical)
- Off mode/Deep Sleep < 2 W

Low-emission characteristics

- Complies with MPR-II and TCO '03 specifications

Monitor controls and functions

- Main 3-button OSD
- Brightness +/- direct access
- Contrast +/- direct access
- On Screen Display Language (English, Spanish, French, German, Italian, Chinese, Portuguese, Korean), zoom, horizontal, vertical, pin cushion, 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 on monitor body
- Video 15-pin D-Shell
- Cables D-Sub Video cable(fixed), power cord

Regulatory approvals

- TCO '03
- 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) 440 x 433 x 449 mm
- Dim. incl. base (WxHxD) 17.3" x 17.0" x 17.6" inch
- Dim. excl. base (WxHxD) 440 x 383 x 449 mm
- Dim. excl. base (WxHxD) 17.3" x 15.1" x 17.6" inch
- Weight 20 kg
- Power supply Please refer to rating label
- 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

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

