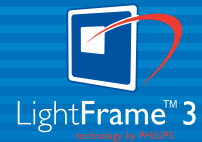


# 19" (18.0" VIS) XSD™ monitor

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

- LightFrame™3 - 2 x Normal Brightness
- 19-inch (18.0" 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 1280 x 1024 at up to 86 Hz
- Flat square High Contrast CRT with 0.27 mm pitch (0.23 hdp)
- XSD-Xtra Space Design for large screen display in a small footprint: World's shortest 19-inch conventional monitor with maximum depth of only 441 mm/17.3"
- Multimedia Base and USB Hub option
- TCO99 certified



Optional  
Multimedia base  
6G3B11

Optional  
USB HUB  
PCUH411

Let's make things better.



# PHILIPS

# 19" (18.0" VIS) XSD™ monitor



## Technical Specifications

### CRT

- Size (inch/cm) 19"/ 46 cm
- Deflection angle (degrees) 90°
- Dot pitch 0.27 mm
- Horizontal pitch 0.23 mm
- -Tube type Shadow mask, Flat Square, High Contrast, Anti Glare, Anti Static, Anti reflection, Light Transmission 46%
- 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 - 92 kHz
- Vertical scanning 50 - 160 Hz

### Video

- Video dot rate 158 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

### Resolution and preset modes

- Max. resolution 1920 x 1440
- Recom. resolution 1280 x 1024
- 16 user definable modes
- 31 factory preset 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 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
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 83 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 area 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 (for Windows version) and English, French, German, Spanish (for MacOS). Functionality for the MacOS version differs from the Windows version.

### Connections and Cables

- Connections -Video 15-pin D-Shell
- 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) 440 x 447 x 441
- Dim. incl. base (WxHxD)(inch) 17.3" x 17.6" x 17.3"
- Dim. excl. base (WxHxD)(mm) 440 x 399 x 441
- Dim. excl. base (WxHxD)(inch) 17.3" x 15.7" x 17.3"
- Weight (kg) 19.4 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

All data subject to change without notice

Release date: August 2002

www.pcstuff.philips.com

As an Energy Star partner, Philips has determined that this product meets the Energy Star guidelines for energy efficiency.

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