

19" (18.0" VIS) XSD™ monitor



- 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 0.25 mm pitch (0.21 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 439 mm/17.2"
- TCO '03 certified



PHILIPS

19" (18.0" VIS) XSD™ 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, 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 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 65 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, pincushion, balanced, trapezoid, parallelogram, color, reset, degauss, moire, serial number, resolution, frequency, sRGB

Connections and cables

- Connections -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)(mm) 440 x 433 x 437
- Dim. incl. base (WxHxD)(inch) 17.3" x 17.0" x 17.2"
- Dim. excl. base (WxHxD)(mm) 440 x 383 x 437
- Dim. excl. base (WxHxD)(inch) 17.3" x 15.1" x 17.2"
- Weight (kg) 17.8 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

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

