



15" (14.0" VIS) XSD™ monitor

Product description

- 15-inch (14.0" VIS) color monitor with excellent front of screen performance for use with MACs and PCs
- Autoscan covers horizontal frequencies up to 54 kHz offering a maximum resolution of 1024 x 768 with flicker free display of 800 x 600 at up to 87 Hz
- Flat Square CRT with 0.28 mm dot pitch (0.24 hdp)
- XSD - Xtra Space Design™ saves desk space: World's shortest 15-inch conventional monitor with maximum depth of only 379 mm / 14.9"
- MPRII, NUTEK, EPA, FCC, CE, ISO9241 and ISO14001 certified

Optional USB HUB PCUH411



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15" (14.0" VIS) XSD™ monitor



Technical Specifications

CRT

- Size (inch/cm) 15"/ 38 cm
- Deflection angle (degrees) 90°
- Dot pitch/ Grille pitch 0.28 mm
- Horizontal pitch 0.24 mm
- Tube type Shadow mask, Flat Square, Anti-Glare, Anti-Static, Light Transmission 57%
- Phosphor P22
- Recom. display area(mm) 270 x 202 mm
- Recom. display area(inch) 10.6" x 8.0"
- Max. display area(mm) 284 x 213 mm
- Max. display area(inch) 11.2" x 8.4"

Scanning

- Horizontal scanning 30 - 54 kHz
- Vertical scanning 50 - 120 Hz

Video

- Video dot rate 65 MHz
- Input impedance
 - Video 75 Ohm
 - Sync 2.2k Ohm
- Input signal levels 0.7 Vpp
- Sync input signal Separate sync
- Sync polarities Positive and negative

White color temperature

Chromaticity CIE coordinates:

- at 9300 K: x=0.281, y=0.311

Resolution and preset modes

- Max. resolution 1024 x 768
 - Recom. resolution 800 x 600
 - 10 user definable modes
 - 6 factory preset modes:
- | | H.freq (kHz)/V.freq (Hz) |
|------------|--------------------------|
| 640 x 400 | 31.5K/70 |
| 640 x 480 | 31.5K/60; 37.5K/75 |
| 800 x 600 | 46.9K/75; 53.7K/85 |
| 1024 x 768 | 48.4K/60 |

Plug and play compatibility

- Display Data Channel DDC 1/2B
- Microsoft® Windows® 95/98/NT/2000/Me compatible

Power management

Complies with EPA Energy Star and NUTEK specifications

- Operation (typ.) 70 W
- Suspend/Stand By mode (typ.) < 15W
- Off mode/ Deep Sleep < 8 W

Low-emission characteristics

- Complies with MPR requirement

Monitor controls and functions

- Front
 - Power on/off
 - Contrast
 - Brightness
- Digital push buttons
 - Increase, Decrease, H-shift, H-size, V-shift, V-size, Shift to second level
 - Trapezoid, Pincushion, Recall

Connections and cables

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

Regulatory approvals

- MPR-II Low Emission
- TÜV/GS
- TÜV/-Ergo
- TÜV/9241-3
- FCC-B, UL, CSA, DHHS
- SEMKO, Poland-B sign, C-Tick
- VCC-1, CE, BCIQ, PSB

Physical specifications

- Dim. incl. base (WxHxD)(mm) 358 x 380 x 379
- Dim. incl. base (WxHxD)(inch) 14.1" x 14.9" x 14.9"
- Dim. excl. base (WxHxD)(mm) 358 x 335 x 379
- Dim. excl. base (WxHxD)(inch) 14.1" x 13.2" x 14.9"
- Weight (kg) 11.7 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) > 50,000 H

Other

- USB Hub option type: PCUH411

This monitor fulfills all nutek requirement 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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