

19" (18.0" VIS) Real Flat monitor



- 19-inch (18.0" VIS) Real Flat color monitor featuring ICE technology for excellent front of screen performance for use with MACs and PCs
- Autoscan covers horizontal frequencies up to 111 kHz offering a maximum resolution of 1920 x 1440 optimal with flicker free display of 1280 x 1024 at up to 104 Hz
- Real Flat Aperture Grille CRT with high-resolution 0.24 mm uniform grille pitch
- Auto Calibrate extends the useful life of the monitor by automatically adjusting color and luminance to original values
- XSD - Xtra Space Design™ for large screen display in a small footprint: World's shortest 19-inch Real Flat monitor with maximum depth of only 438 mm / 17.2"
- sRGB for correct representation of colors
- TCO99, E2000, NUTEK, EPA, FCC, CE, ISO9241 and ISO14001 certified



Optional
USB HUB
PCUH411

BRILLIANCE

Let's make things better.



PHILIPS



19" (18.0" VIS) Real Flat monitor

Technical Specifications

CRT

- Size (inch/cm) 19"/ 46 cm
- Deflection angle (degrees) 90°
- Grille pitch 0.24 mm uni-pitch
- Tube type Aperture grille, Real Flat, High Contrast, Anti Glare, Anti Static, Anti reflection
- Light Transmission 41%
- B22
- Phosphor 355 x 265 mm
- Recom. display area(mm) 14" x 10.4"
- Recom. display area(inch) 365 x 274 mm
- Max. display area(mm) 14.4" x 10.8"
- Max. display area(inch)

Scanning

- Horizontal scanning 30 - 111 kHz
- Vertical scanning 50 - 160 Hz

Video

- Video dot rate 261 MHz
- Input impedance 75 Ohm
- -Video 2.2k Ohm
- -Sync 0.7 Vpp
- Input signal levels Separate sync
- Sync input signal Composite sync
- Sync polarities Positive and negative

White color temperature

- 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
 - GTF
 - 16 user definable modes
 - 30 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 |
| 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 870 | 68.7K/75 |
| 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 |
| 1600 x 1200 | 106.3K/85 |
| 1792 x 1344 | 83.6K/60 |
| 1792 x 1344 | 106.3K/75 |
| 1856 x 1392 | 86.3K/60 |
| 1920 x 1440 | 90.0K/60 |

Plug and play compatibility

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

Power management

- Complies with EPA Energy Star and NUTEK specifications
- Operation 120 W (typical)
- Suspend/Stand By mode < 6 W
- Off mode/Deep Sleep < 3 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
- Input selection direct access
- Language (English, Spanish, French, German, Italian), zoom, horizontal, vertical, pincushion, balanced, trapezoid, parallelogram, color, sRGB
- reset, degauss, moire, serial number, resolution, frequency
- Convergence, purity
- Input selection
- Auto Calibrate
- Automatic and manual calibration of color temperature, brightness and contrast levels to original setting.
- On Screen Display
- Auto Calibrate

Connections and Cables

- Connections 15-pin D-sub / 5 BNC
- 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
- VCC-I, CE, BCIQ, PSB

Physical specifications

- Dim. incl. base (WxHxD)(mm) 456 x 469 x 438
- Dim. incl. base (WxHxD)(inch) 17.9" x 18.5" x 17.2"
- Dim. excl. base (WxHxD)(mm) 456 x 419 x 438
- Dim. excl. base (WxHxD)(inch) 17.9" x 16.5" x 17.2"
- Weight (kg) 23.5 kg
- Power supply 90 - 264 VAC, 50/60Hz
- Temperature (operational) 0°C to 35°C/ 32°F to 95°F
- Temperature (storage) -25°C to 65°C/ -13°F to 149°F
- Relative humidity 5% to 95%
- MTBF > 75,000 hrs

Other

- USB Hub option type: PCUH411

As an Energy Star partner, Philips has determined that this product meets the Energy Star guidelines for energy efficiency. Brilliance is a registered trademark of Koninklijke Philips Electronics N.V. Microsoft and Windows are registered trademarks of Microsoft Corporation. All trademark acknowledged. Copyright 2001 Koninklijke Philips Electronics N.V.

All data subject to change without notice
Release date: December 2001
www.philips.com

Let's make things better.



PHILIPS