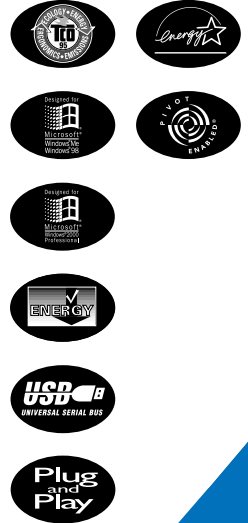


## 15" TFT LCD XGA monitor

- 15-inch color LCD monitor with excellent display performance
- Dual input - accepts both DVI Digital and VGA analog inputs
- Embedded universal AC power supply
- Linear height adjustment for best viewing position
- Advanced AUTO adjustment optimizes picture quality
- Rotation for both portrait and landscape display
- User installable bezel for optional protective cover choice
- Optional USB powered hub



**BRILLIANCE**

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**PHILIPS**

# 15" TFT LCD XGA monitor



## Technical Specifications

### LCD panel

- Type TFT LCD
- Screen size 15 inch / 38.1 cm
- Pixel pitch 0.297 x 0.297mm
- LCD panel type 1024 x 768 pixels, R.G.B vertical stripe
- Effective viewing area Anti-glare polarizer, hard coated 304.1 x 228.1mm
- Display colors 8 bits interface (16M colors)

### Scanning

- Vertical refresh rate 56~76 Hz
- Horizontal frequency 30~61 KHz

### Video

- Video dot rate 80 MHz
  - Input impedance
    - video 75 ohm
    - Sync 2K ohm
  - Input signal levels 0.7 Vpp
  - Sync input signal Separate sync
  - Sync polarities Composite sync
  - Video interface Sync on green
  - Dual input Positive and negative
- Both Analog (D-Sub) and DVI-D (Digital only) are available and user selectable

### Optical characteristics

- Contrast ratio 300 (typ.)
- Brightness 250 cd/m<sup>2</sup> (typ.)
- Peak contrast angle 6 o'clock
- White chromaticity x: 0.281 y: 0.311 (at 9300°K)
- x: 0.312 y: 0.338 (at 6500°K)
- Viewing angle (C/R >5) Upper ≥ 55° (typ.)
- Lower ≥ 60° (typ.)
- Left ≥ 75° (typ.)
- Right ≥ 75° (typ.)
- Response time ≤45 ms (typ.)

### Resolution & preset modes

- Maximum 1024x768 at 75Hz
- Recommended 1024x768 at 60Hz
- 14 user definable modes
- 14 factory preset modes:

	H.freq (KHz)	V.freq (Hz)
640 x 350	31.5	70
720 x 400	31.5	70
640 x 480	31.5	60
640 x 480	35.0	67
640 x 480	37.8	73
640 x 480	37.5	75
800 x 600	35.2	56
800 x 600	37.9	60
800 x 600	48.0	72
800 x 600	46.9	75
832 x 624	49.7	75
1024 x 768	48.4	60
1024 x 768	56.5	70
1024 x 768	60.0	75

(Interlace mode is not applicable)

### Plug and play compatibility

- Display data channel DDC 2B (VESA)
- Microsoft® Windows® 95/98/ Me & 2000/NT compatible

### Power management

- Complies with EPA Energy Star and NUTEK specifications
- Typical operation 23W (typical)
- Sleep mode 3W

### Low-emission characteristics

- Complies with MPR-II and TCO '99 specifications

### Monitor controls and functions

- Front
  - Power on/off - Tact Switch
  - OK - Tact Switch
  - Auto - Tact Switch
  - Up/Down (Brightness) - Tact Switch
  - Left / Right - Tact Switch
- LED indicator
  - Green power on
  - Amber stand by/sleep mode
  - Flashing Green new mode

### Connections and cables

- Connections
  - Video 15-pin D-sub (analog)
  - DVI-D (digital)
  - DC output 12V, 6.5mm DC connector
  - Power IEC/CEE-22 type male power inlet on monitor body
- Cables D-Sub video cable, Power cord

### User options Accessories (sold separately)

- USB Hub
  - 1 Up stream port
  - 4 Down stream ports
  - Self-powered
  - Digital communication speed up to 12Mbps
- Protective cover
- Multimedia base

### Regulatory approvals

- TÜV/GS, TÜV-Ergo
- FCC-B, UL, CSA
- SEMKO
- MPR-II Low Emission
- CE Mark
- NUTEK, Energy Star
- TCO '95

### Physical specifications

- Dimension (WxHxD) 380 x 360 x 165 mm (incl. Pedestal)
- Tilt / Swivel -5°~25° / ±175°
- Height adjustment range 50mm
- Portrait display 90° rotation counter clockwise
- Weight 5.4 Kg
- Power supply 100 - 240 VAC, 50/60 Hz
- Power consumption 23 W\* (typ.)
- Temperature (operating) +5°C to +35°C
- Temperature (storage) -20°C to +60°C
- Relative humidity 20% to 80%
- System MTBF 50K hrs (excluding CCFL 40K hrs)

We recommend using 1024 x 768 at 60Hz non-interlaced mode for the best picture quality. 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. Macintosh is a registered trademark of Apple Computer, Inc. Pivot® Software is licensed from Portrait Displays, Inc. © 1993-2000 Portrait Displays, Inc. US Patent #5,973,664

\* Resolution 1024x 768, standard size, contrast max., brightness 50%, 9300°K, full white pattern, without Audio/USB.

All data subject to change without notice  
Release date: July 2001  
[www.philips.com](http://www.philips.com)

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