

17" TFT LCD WXGA monitor

- 17-inch color LCD monitor with excellent Wide-Screen display performance
- Dual input: Accepts DVI-D digital and VGA analog inputs
- Embedded AC power supply
- Advanced AUTO adjustment optimizes picture quality
- Adjustable tilt and swivel function
- Rotation for both portrait and landscape display



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PHILIPS

17" TFT LCD WXGA monitor



Technical Specifications

LCD panel

- Type TFT LCD
- Screen size 17.1 inch / 43.4 cm
- Pixel Pitch 0.291x 0.291mm
- LCD Panel type 1280 x 768 pixels
R.G.B. vertical stripe
Anti-glare polarizer, hard coated
- Effective viewing area 372.48 x 223.49mm
- Display colors 16.7M colors

Scanning

- Vertical refresh rate 56~75 Hz
- Horizontal frequency 30~61 kHz

Video

- Video dot rate (Max.) 75 MHz
- Input impedance
 - video 75 Ohm
 - Sync 2K Ohm
- Input signal levels 0.7 Vpp
- Sync input signal Separate sync
Composite sync
Sync on green
- Sync polarities Positive and negative
- Video interface Dual input: D-Sub (analog) and DVI-D (digital) are available and user selectable

Optical characteristics

- Contrast ratio 350 (typ.)
- Brightness 450 cd/m² (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 ≥ 50°(typ.)
 - Lower ≥ 70°(typ.)
 - Left ≥ 75°(typ.)
 - Right ≥ 75°(typ.)
- Response time ≤25 ms (typ.)

Resolution & preset modes

- Maximum 1280x768 at 75Hz
- Recommended 1280x768 at 60Hz
- 21 user definable modes
- 13 factory preset modes:
H.freq(KHz)/ V.freq (Hz)
640 x 350 31.5K/70
640 x 480 31.5K/60
640 x 480 35.0K/67
640 x 480 37.5K/75
720 x 400 31.5K/70
800 x 600 35.2K/56
800 x 600 37.9K/60
800 x 600 46.9K/75
832 x 624 49.7K/75
1024 x 768 48.4K/60
1024 x 768 60.0K/75
1280 x 768 47.7K/60
1280 x 768 60.1K/75

(Interlace mode is not applicable)

Plug and play compatibility

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

Power management

- Complies with EPA Energy Star and NUTEK specifications
- Typical operation 35W (typical)
- Sleep mode 1W*
- * only apply to 100V/110V AC input

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 (Bringtness) - Tact Switch
 - Left/ Right (Input) - 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

Regulatory approvals

- TÜV/GS, TÜV-Ergo
- FCC-B, UL, CSA
- SEMKO
- MPR-II Low Emission
- CE Mark
- NUTEK, Energy Star
- TCO '99

Physical specifications

- Dimension (WxHxD) 417 x 374 x 180 mm (incl. Pedestal)
- Tilt / Swivel -5°~35° / +/- 175°
- Portrait Display 90° rotation counter clockwise
- Weight 5.4 Kg
- Power supply 100 - 240 VAC, 50/60 Hz
- Power consumption 35 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 (including CCFL 50K hrs)

We recommend using 1280 x 768 at 60Hz 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.

* Resolution 1280x 768, standard size, contrast max. Brightness 50%, 9300°K, Full white pattern

All data subject to change without notice
Release date: August 2002
www.philips.com

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