

15" TFT LCD XGA color monitor

Ultra Slim Frame

- 15-inch color LCD monitor with excellent display performance
- Standard VGA analog input
- Embedded universal AC power supply
- Adjustable tilt and swivel
- AUTO adjustment optimizes picture quality
- User installable bezel for optional protective cover choice
- Optional USB hub



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PHILIPS

15" TFT LCD XGA color 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
- Anti-glare polarizer, hard coated
- Effective viewing area 304.1 x 228.1mm
- Display colors 16.7M 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 5K ohm
- Input signal levels 0.7 Vpp
- Sync input signal
 - Separate sync
 - Composite sync
 - Sync on green
- Sync polarities Positive and negative
- Video interface Analog (D-Sub) input

Optical characteristics

- Contrast ratio 350 (typ.)
- Brightness 250 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 ≥ 60°(typ.)
 - Left ≥ 75°(typ.)
 - Right ≥ 75°(typ.)
- Response time ≤40 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	46.9	75
800 x 600	48.0	72
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/ XP compatible

Power management

- Complies with EPA Energy Star and NUTEK specifications
- Typical operation 23W (typical)
- Sleep mode 2W

Low-emission characteristics

- Complies with MPR-II and TCO '95 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 on monitor body
 - Video 15-pin D-sub (analog) connector
 - DC output 12V, 6.5mm DC connector
 - Power IEC/CEE-22 type male power inlet
- Cables D-Sub video cable, Power cable

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) 343 x 342 x 165 mm (incl. Pedestal)
- Tilt / Swivel -5°~25° / ±175°
- Weight 4.3 Kg
- Power supply 100 - 240 VAC, 50/60 Hz
- Power consumption 23 W* (typ.)
- Temperature (operating) +5°C to +40°C
- Temperature (storage) -20°C to +60°C
- Relative humidity 20% to 80%
- System MTBF 50K hrs (excluding CCFL 30K 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.

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

All data subject to change without notice

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