

17" TFT LCD SXGA monitor



Ultra Slim Frame

- 17-inch color LCD monitor with excellent display performance
- Standard VGA analog input
- Embedded AC power supply
- Advanced AUTO adjustment optimizes picture quality
- Adjustable tilt function



PHILIPS

17" TFT LCD SXGA monitor



Technical Specifications

LCD panel

- Type TFT LCD
- Screen size 17 inch / 43.2 cm
- Pixel pitch 0.264 x 0.264mm
- LCD panel type 1280 x 1024 pixels, R.G.B vertical stripe
- Anti-glare polarizer, hard coated
- Effective viewing area 337.9 x 270.3mm
- Display colors 16M colors

Scanning

- Vertical refresh rate 56~76 Hz
- Horizontal frequency 30~82 KHz

Video

- Video dot rate (Max.) 135 MHz
- Input impedance
 - video 75 ohm
 - Sync 2K ohm
- Input signal levels 0.7Vpp
- 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 400 (typ.)
- Brightness 260 cd/m² (typ.)
- Peak contrast angle 6 o'clock
- White chromaticity
 - x: 0.283 y: 0.297(at 9300°K)
 - x: 0.313 y: 0.329 (at 6500°K)
- Viewing angle (C/R >5)
 - Upper ≥ 80°(typ.)
 - Lower ≥ 80°(typ.)
 - Left ≥ 80°(typ.)
 - Right ≥ 80°(typ.)
- Response time ≤25 ms (typ.)

Resolution & preset modes

- Maximum 1280x1024 at 75Hz
- Recommended 1280x1024 at 60Hz
- 33 user definable modes
- 15 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	37.5	75
800 x 600	35.2	56
800 x 600	37.9	60
800 x 600	46.9	75
832 x 624	49.7	75
1024 x 768	48.4	60
1024 x 768	60.0	75
1152 x 870	69.0	75
1152 x 900	71.8	76
1280 x 1024	63.9	60
1280 x 1024	80.0	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 40W (typical)
- Sleep mode 1W

Low-emission characteristics

- Complies with TCO 95, MPRII and prEN50279 (so call MPRII) specifications

Monitor controls and functions

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

Connections and cables

- Connections on monitor body
 - Video 15-pin D-sub (analog)
 - 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
- prEN50279 Low Emission
- CE Mark
- NUTEK, Energy Star
- TCO '95

Physical specifications

- Dim. incl. base (WxHxD) 375 x 359 x 180 mm
- Dim. excl. base (WxHxD) 375 x 326 x 60 mm
- Tilt -5°~25°
- Weight 4.3 Kg
- Power supply 100 – 240 VAC, 50/60 Hz
- Power consumption 40 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)

* Resolution 1280x1024, standard size, contrast max., brightness 50%, 9300°K, Full white pattern.

We recommend using 1280 x 1024 at 60Hz non-interlaced mode for the best picture quality

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