

17" TFT LCD SXGA monitor



High design for the stylish home

- 17-inch color LCD monitor with excellent display performance
- Stereo 2W/channel RMS x 2 speakers
- Standard VGA analog input
- Embedded universal AC power supply
- AUTO adjustment optimizes picture quality
- sRGB compliance
- Intelligent cable management keeps desk clear of unsightly wires



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
- Effective viewing area 337.9 x 270.3mm
- Display colors 16.7M 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

Audio

- Input signal level 0.5 V RMS
- Input signal connector 3.5mm mini jack
- Loudspeaker 2W/channel RMS x2

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 99, MPRII and prEN50279 (so call MPRIII) specifications

Monitor controls and functions

- Side

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	power save/OFF mode
Flashing Green	new mode

Audio controls & function

- Side Volume adjustment control with

Power on/off	- Rotary button
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- LED indicator

Green	power on
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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 cable, Audio cable

Regulatory approvals

- TUV/GS, TUV-Ergo
- FCC-B, UL, CSA
- SEMKO
- prEN50279 Low Emission
- CE Mark
- NUTEK, Energy Star
- TCO '99

Physical specifications

- Dim. incl. base (WxHxD) 399 x 398.2 x 197.2 mm (incl. pedestal)
- Dim. excl. base (WxHxD) 399 x 372.9 x 68.6mm
- Tilt -5°~20°
- Net Weight 4.65Kg
- 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
 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
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