

17" TFT LCD SXGA monitor



High design for the stylish home

- 17-inch color LCD monitor with excellent display performance
- LightFrame™ for the brightest, sharpest and most vivid images ever!
- 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
Anti-glare polarizer, hard coated
- 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 03, MPRII and prEN50279 (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
- Front
 - LightFrame - Tact Switch
 - LED indicator
 - Blue
 - 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
- LED indicator Green power on

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, TÜV-Ergo
- FCC-B, UL, CSA
- SEMKO
- prEN50279 Low Emission
- CE Mark
- NUTEK, Energy Star
- TCO '03

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 4.7Kg
- Gross Weight 6.2Kg
- 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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