

17" TFT LCD SXGA monitor



Ultra Slim Frame

- 17-inch color LCD monitor with excellent display performance
- Dual input- accepts DVI-D digital and VGA analog inputs
- Embedded AC power supply
- Stereo 48W PMPO (2x2W RMS)
- Advanced AUTO adjustment optimizes picture quality
- Rotation for both portrait and landscape display
- Liner height adjustment for best viewing position
- Adjustable tilt and swivel function
- Optional self-powered USB hub
- sRGB compliant



Optional USB HUB (PCUH11)

All accessories might not be available in all markets. Please check with your local Philips representative for availability.



PHILIPS

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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: 135 MHz
- Input impedance: 75 ohm
- video: 2K ohm
- Sync: 0.7Vpp
- Input signal levels: Separate sync
- Sync input signal: 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

Audio

- Input signal level: 0.7Vpp
- Headphone out signal level: 32Ω 20+20mW
- Input signal connector: 3.5mm mini jack
- Loudspeaker: 2+2W RMS stereo front firing (PMPO: 48W)

Microphone

- Sensitivity: -55dB re 1V/μbar at 1kHz
- Output impedance: 2.2KΩ max
- Directivity: -5dB at 180°
- Frequency range: 300Hz~3KHz

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)
- Viewing angle (C/R >5): x: 0.313, y: 0.329 (at 6500°K)
- 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

- 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 - power save/OFF mode, Flashing Green - new mode

Multimedia Base controls & function

- Front: Power on/off & Volume adjustment - pop out rotary, Bass - tact switch, Mute - tact switch, Microphone in - built-in internally
- LED indicator: Green - Power on, Red - Bass, Mute

Connections and cables

- Connections on monitor body: - 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
- Connections on base: - Audio in & Mic out: 3.5mm audio in and Mic out jack, - Headphone: 3.5mm headphone jack, - Mic phone in: 3.5mm Microphone in jack, - Cables: D-Sub video cable, Power cord, 12V DC in flying cable on base, Audio cable, Mic cable

User Options Accessories (sold separately)

- USB Hub (PCUH411)
 - 1 Up stream port
 - 4 Down stream ports
 - Self-powered
 - Digital communication speed up to 12Mbps

Regulatory approvals

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

Physical specifications

- Dim. incl. base (WxHxD) 375 x 413 x 184 mm (in lowest position)
- Dim. excl. base (WxHxD) 375 x 326 x 60 mm
- Tilt / Swivel: 0°~35° / +/- 175°
- Height adjustment range: 50mm
- Portrait display: 90° rotation counter clockwise
- Weight: 6.3 Kg
- Power supply: 100 - 240 VAC, 50/60 Hz
- Power consumption: 40 W* (typ.)
- Temperature (operating): 0°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 1280 x 1024, 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. Macintosh is a registered trademark of Apple Computer, Inc.

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