

17" TFT LCD SXGA monitor



- 17-inch color LCD monitor with excellent display performance
- Triple input featuring two connectors - accepts DVI-I digital/ analog and VGA analog inputs
- Embedded AC power supply
- Advanced AUTO adjustment optimizes picture quality.
- Adjustable tilt and swivel function
- User installable bezel for easy installation of optional protective cover
- Optional self-powered USB hub



Optional
USB HUB
PCUH411

Optional
Protective Cover
XG3B30

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PHILIPS

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Technical Specifications

LCD panel

- Type: TFT LCD
- Screen size: 17.0 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: 8 bits interface (16M colors)

Scanning

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

Video

- Video dot rate (Max.): 135 MHz
- Input impedance: 75 Ohm
- - video: 2K Ohm
- - Sync: 0.7 Vpp
- Input signal levels: Separate sync
- Sync input signal: Composite sync
- Sync polarities: Sync on green
- Video interface: Positive and negative
- Triple input (two connectors): D-Sub (analog) and DVI-I (accepts both digital and analog) are available and user selectable

Optical characteristics

- Contrast ratio: 400 (typ.)
- Brightness: 250 cd/m² (typ.)
- Peak contrast angle: 6 o'clock
- White chromaticity: x: 0.281 y: 0.311 (at 9300°K)
- Viewing angle (C/R >5): x: 0.312 y: 0.338 (at 6500°K)
- Upper: ≥ 80°(typ.)
- Lower: ≥ 80°(typ.)
- Left: ≥ 80°(typ.)
- Right: ≥ 80°(typ.)
- Response time: ≤40 ms (typ.)

Resolution & preset modes

- Maximum: 1280x1024 at 75Hz
 - Recommended: 1280x1024 at 60Hz
 - 32 user definable modes
 - 15 factory preset modes:
- | | H.freq(KHz)/ V.freq (Hz) |
|-------------|--------------------------|
| 640 x 350 | 31.5K/70 |
| 640 x 480 | 31.5K/60 |
| 640 x 480 | 35.0K/67 |
| 640 x 480 | 37.5K/75 |
| 720 x 400 | 31.5K/70 |
| 800 x 600 | 35.2K/56 |
| 800 x 600 | 37.9K/60 |
| 800 x 600 | 46.9K/75 |
| 832 x 624 | 49.7K/75 |
| 1024 x 768 | 48.4K/60 |
| 1024 x 768 | 60.0K/75 |
| 1152 x 870 | 69.0K/75 |
| 1152 x 900 | 71.8K/76 |
| 1280 x 1024 | 63.9K/60 |
| 1280 x 1024 | 80.0K/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: 2W

Low-emission characteristics

- Complies with MPR-II and TCO '99 specifications

Monitor controls and functions

- Front: Power on/off - Tact Switch
- OK - Tact Switch
- Auto - Tact Switch
- Up/ Down (Brigntness) - Tact Switch
- Left/ Right (Input) - Tact Switch
- LED indicator: Green - power on
- Amber - stand by/ sleep mode
- Flashing Green - New mode

Connections and cables

- Connections:
 - Video: 15-pin D-sub (analog)
 - DVI-I (digital/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

User Options Accessories (sold separately)

- USB Hub (PCUH411)
 - 1 Up stream port
 - 4 Down stream ports
 - Self-powered
 - Digital communication speed up to 12Mbps
- Protective cover (XG3B30)

Regulatory approvals

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

Physical specifications

- Dimension (WxHxD): 414 x 406 x 180 mm (incl. Pedestal)
- Tilt / Swivel: -5°~35° / +/- 175°
- Weight: 7.0 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 (including CCFL 50K hrs)

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.

* Resolution 1280x 1024, 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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