

# 17" TFT LCD SXGA monitor



- 17-inch color LCD monitor with excellent display performance
- VGA analog input
- Embedded AC power supply
- Advanced AUTO adjustment optimizes picture quality.
- Adjustable tilt function
- User installable bezel for easy installation of optional protective cover
- Optional self-powered USB hub, multimedia base



Optional  
USB HUB  
PCUH411

Optional  
Protective Cover  
XG3B30

Optional  
Multimedia Base  
VG3P31

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**PHILIPS**

# 17" TFT LCD SXGA monitor



## 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
- Effective viewing area Anti-glare polarizer, hard coated 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
  - video 75 Ohm
  - Sync 2K Ohm
- Input signal levels 0.7 Vpp
- Sync input signal Separate sync
- Sync polarities Composite sync
- Video interface Sync on green
- Sync polarities Positive and negative
- Video interface Analog (D-Sub) input

### Optical characteristics

- Contrast ratio 400 (typ.)
- Brightness 250 cd/m<sup>2</sup> (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 (Bringtness) - 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)
  - 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)
- Multimedia Base (VG3P31) color: gray
  - Built-in front-firing Stereo 48W PMPO (2x2 W RMS)
  - 90° portrait & landscape display
  - Adjustable tilt and swivel
  - Linear height adjustment for best viewing position

### 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 -5°~35°
- 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

Release date: November 2001

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