

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
- Optional multimedia base



Optional
Multimedia Base
VG3P32

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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, 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
 - video 75 Ohm
 - Sync 2K Ohm
- Input signal levels 0.7 Vpp
- Sync input signal Separate sync, Composite sync, Sync on green
- Sync polarities Positive and negative
- Video interface 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)
x: 0.312 y: 0.338 (at 6500°K)
- Viewing angle (C/R >5)
 - 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), 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)

- Multimedia Base (VG3P32) color: black
 - 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 / 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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