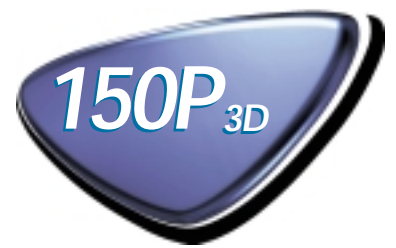
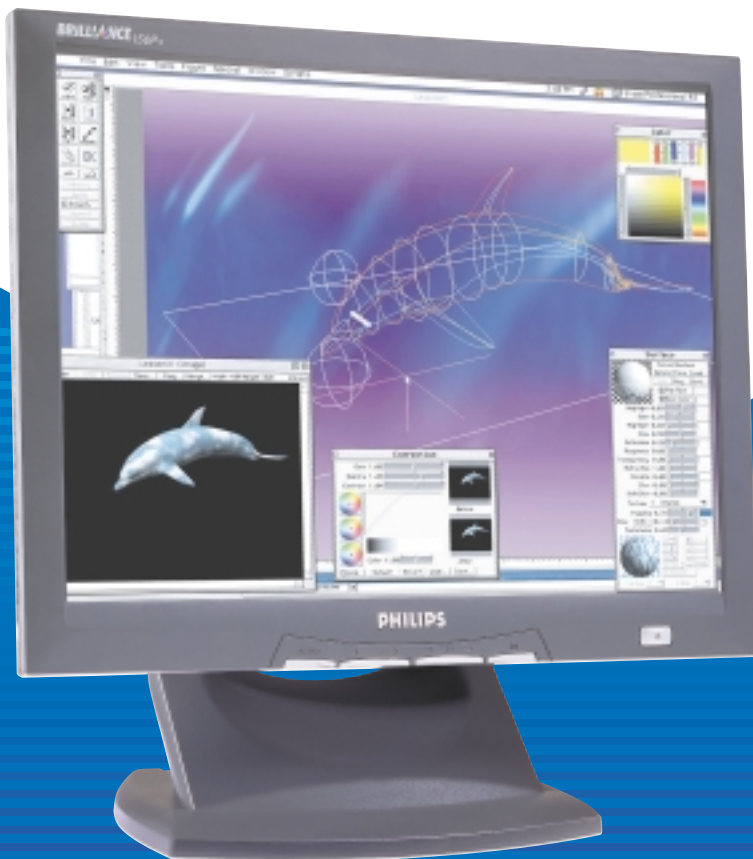


15" TFT LCD XGA color monitor



Ultra Slim Frame

- 15-inch color LCD monitor with excellent display performance
- Dual input - accepts both DVI Digital and VGA analog inputs
- Embedded universal AC power supply
- Adjustable viewing height
- Portrait and landscape display
- AUTO adjustment optimizes picture quality
- User installable bezel for optional protective cover choice
- Optional USB hub



Optional
USB HUB
PCUH411

Optional
Protective Cover
XG3P40

Optional
Multimedia Base
VG3P40

BRILLIANCE

Let's make things better.



PHILIPS

15" TFT LCD XGA color monitor



Technical Specifications

LCD panel

- Type: TFT LCD
- Screen size: 15 inch / 38.1 cm
- Pixel pitch: 0.297 x 0.297mm
- LCD panel type: 1024 x 768 pixels, R.G.B vertical stripe
- Anti-glare polarizer, hard coated
- Effective viewing area: 304.1 x 228.1mm
- Display colors: 16.7M colors

Scanning

- Vertical refresh rate: 56~76 Hz
- Horizontal frequency: 30~61 KHz

Video

- Video dot rate: 80 MHz
- Input impedance: 75 ohm
- video: 5K ohm
- Sync: 0.7 Vpp
- Input signal levels: Separate sync
- Sync input signal: Composite sync
- Sync on green: Positive and negative
- Sync polarities: Positive and negative
- Video interface: Both Analog (D-Sub) and DVI-D (Digital only) are available and user selectable
- Dual input

Optical characteristics

- Contrast ratio: 350 (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 ≥ 50°(typ.)
- Lower ≥ 60°(typ.)
- Left ≥ 75°(typ.)
- Right ≥ 75°(typ.)
- Response time: ≤30 ms (typ.)

Resolution & preset modes

- Maximum: 1024x768 at 75Hz
- Recommended: 1024x768 at 60Hz
- 14 user definable modes
- 14 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	37.8	73
640 x 480	37.5	75
800 x 600	35.2	56
800 x 600	37.9	60
800 x 600	48.0	72
800 x 600	46.9	75
832 x 624	49.7	75
1024 x 768	48.4	60
1024 x 768	56.5	70
1024 x 768	60.0	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: 23W (typical)
- Sleep mode: 2W

Low-emission characteristics

- Complies with MPR-II and TCO '95 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 stand by/sleep mode
- Flashing Green new mode

Connections and cables

- Connections on monitor body:
 - Video: 15-pin D-sub (analog) connector
 - DVI-D (digital) connector
 - DC output: 12V, 6.5mm DC connector
 - Power: IEC/CEE-22 type male power inlet
- Cables: D-Sub video cable, Power cable

Regulatory approvals

- TÜV/GS, TÜV-Ergo
- FCC-B, UL, CSA
- SEMKO
- MPR-II Low Emission
- CE Mark
- NUTEK, Energy Star
- TCO '95

Physical specifications

- Dimension (WxHxD): 343 x 349 x 165 mm (incl. Pedestal)
- Tilt / Swivel: -5°~25° / ±175°
- Height adjustment range: 50mm
- Portrait display: 90° rotation counter clockwise
- Weight: 4.6 Kg
- Power supply: 100 – 240 VAC, 50/60 Hz
- Power consumption: 23 W* (typ.)
- Temperature (operating): +5°C to +40°C
- Temperature (storage): -20°C to +60°C
- Relative humidity: 20% to 80%
- System MTBF: 50K hrs (excluding CCFL 40K hrs)

We recommend using 1024 x 768 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.

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* Resolution 1024x 768, standard size, contrast max., brightness 50%, 9300°K, full white pattern, without Audio/USB.

All data subject to change without notice

Release date: February 2002

www.philips.com

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