

design and performance count!

The ultimate display for your lifestyle! Ready to rock your world with stunning performance, the hot Philips 190X5 combines LightFrame™ Digital Reality for the multimedia adventure with cool, innovative cutting-edge design flair.

Outstanding front of screen performance

- LightFrame™ DR maximizes your on-screen experience
- Perfect Panel™ guarantees dot defect-free display
- SXGA 1280 x 1024 resolution for sharper display
- 12-ms response time for superior display of moving images
- sRGB ensures color matching between display and printouts

Design that complements any interior

- Innovative, cutting-edge design makes a lifestyle statement!
- Ultra-modern LightTouch controls

Great convenience

- Enjoy multimedia experience from built-in speakers
- Play music from external audio devices even if the PC is off
- Embedded power supply eliminates external power adaptors
- CableGuide keeps cables in order and your space neat
- Easily adjust display settings with Philips SmartControl



PHILIPS

19 inch LCD Monitor

Commercial Specifications

Picture/ Display

- LCD panel type 1280 x 1024 pixels, Anti-glare polarizer, RGB Vertical stripe
- Panel size 19" / 48 cm
- Effective viewing area 376.3 x 301.1 mm
- Pixel pitch 0.294 x 0.294 mm
- Brightness (nits) 250
- Contrast ratio 500:1
- Display colors 16.2 M
- Viewing angle (C/R > 5)
 - Horizontal : 160°
 - Vertical : 160°
- Response time 12 ms
- White chromaticity, 6500° K $x = 0.313 / y = 0.329$
- White chromaticity, 9300° K $x = 0.283 / y = 0.297$
- Maximum resolution 1280 x 1024 @ 75Hz
- Recommended resolution 1280 x 1024 @ 60Hz
- Factory preset modes 16 modes
- User definable modes 16 modes
- Video dot rate 140 MHz
- Horizontal scanning frequency 30 - 83 KHz
- Vertical scanning frequency 56 - 76 Hz
- Picture enhancement LightFrame™ digital reality
- sRGB Yes

Connectivity

- Signal input Analog (VGA), PC Audio in
- I/O interface on pad Headphone jack
- Video sync input signal Sync on green, Separate sync, Composite sync

Convenience

- Built-in audio 3 W RMS x 2 stereo speakers
- Buttons and controls LightTouch controls, Customized hot key, Side keys
- Convenience enhancements On-screen Display SmartControl
- Monitor controls Auto, Brightness control, Left/Right, LightFrame, Menu (OK), Power On/Off, Up/Down, Volume control
- OSD languages English, French, German, Italian, Simplified Chinese, Spanish
- Other convenience features Kensington lock compatible
- Plug & Play compatibility DDC/CI, sRGB, Windows 98/ME/2000/XP
- Regulatory approvals CE Mark, E2000, Energy Star, FCC-B, UL, CSA, MPR-II, Low Emission, SEMKO, GOST, TÜV Ergo
- Tilt -5° to 20°

Accessories

- Included accessories AC Power cord, Audio cable, VGA cable, Yes
- User manual

Dimensions

- Depth (with base) 181.4 mm
- Height (with base) 436.3 mm
- Width (with base) 443.8 mm
- MTBF 50,000 hrs
- Relative humidity 20 % - 80 %
- Temperature range (Operation) 5°C to 35°C
- Temperature range (Storage) -20°C to 60°C
- Weight 7.2 kg

Power

- Complies with E2000, Energy Star, NUTEK
- Consumption 35 W (Typical)
- Off mode <1 W
- Power LED indicator Operation, green; Stand by/Sleep, amber
- Power supply Built-in, 90-264 VAC, 50/60 Hz

Product Highlights

LightFrame™ Digital Reality

LightFrame™ Digital Reality is an integrated software and hardware solution for Philips high-end monitors that delivers high quality visual display enhancements to users through quick and convenient hardware or software interfaces.

Perfect Panel™

Bright dots and dark dots are defects in a LCD panel. While some manufacturers still consider bright and dark defects in an LCD panel an inevitable part of the manufacturing process, Philips doesn't. Philips monitors are produced with zero tolerance for LCD panel defects and backed by our Perfect Panel™ guarantee providing repair or replacement of any LCD monitor that displays even a single defective bright or dark dot.

SXGA, 1280 x 1024 resolution

For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1280-by-1024 pixel screen is capable of displaying 1280 distinct dots on each of 1024 lines, or about 1.3 million pixels.

12-ms response time

Response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better. Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of fast-moving images.

sRGB ready

Calibrated RGB that is optimized for the vast majority of computer peripherals, monitors, operating systems and browsers, allowing accurate color mapping with very little data overhead.

Innovative cutting-edge design

An exclusive design concept that combines smooth, flowing lines reminiscent fine modern sculpture with ultra modern materials and techno touches to create a monitor that makes a lifestyle statement.

LightTouch controls

Ultra-responsive, touch sensitive icons that replace protruding buttons. Responding to your lightest touch, LightTouch controls, for example, power up your monitor or brighten and sharpen your display with LightFrame™. When activated, LightTouch icons glow to indicate that your commands have been implemented.

Built-in Speakers

Audio speakers built into a display device.

Stand-alone audio function

Built-in advanced firmware that delivers audio output from external audio devices including a portable tape, CD or MP3 player even when there is no video input.

Embedded power supply

An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.

CableGuide

A convenient set of cable guides built into the rear of Philips monitors that keeps cables untangled and organized cables, helping you maintain a tidy, well ordered space.

SmartControl

PC software for fine tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multilevel On Screen Display menu through buttons on the display itself or use the Philips SmartControl's software to easily adjust the various display settings in a familiar way.



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