



Philips  
LCD monitor with  
LightFrame™ DR

48 cm (19")  
SXGA

190X6FB



## design and performance count!

The ultimate display for your lifestyle! Ready to rock your world with stunning performance, the hot Philips 190X6 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
- ISO 13406-2 Class I compliant dot-defect-free display
- Fast 8ms On/off response time: Great text & graphics display
- SXGA 1280 x 1024 resolution for sharper display

### Design that complements any interior

- Innovative, cutting-edge design makes a lifestyle statement!
- Stylish SmartTouch controls

### Great convenience

- Dual input accepts both analog VGA and digital DVI signals
- USB port for convenient peripheral connections
- Enjoy multimedia experience with built-in speakers
- Embedded power supply eliminates external power adaptors
- Play music from external audio devices even if the PC is off
- CableGuide keeps cables in order and your space neat

# Highlights

## LightFrame™ DR

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.

## PerfectPanel™

Bright dots and dark dots are defects in a LCD panel. While some manufacturers still consider bright and dark defects in a LCD panel an inevitable part of the manufacturing process, Philips doesn't. Philips monitors, compliant with ISO 13406-2 Class I standard, are produced with zero tolerance for LCD panel defects and backed by Philips PerfectPanel™ globally valid warranty providing repair or replacement of any LCD monitors that display even a single defective bright or dark dot.

## 8ms response time (On/Off)

On-Off 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 transition of text and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

## SmartTouch controls

SmartTouch controls are intelligent, touch sensitive icons that replace protruding buttons. Responding to your lightest touch, SmartTouch controls, for example, power up your monitor or brighten and sharpen your display with SmartImage Lite. When activated, SmartTouch icons glow to indicate that your commands have been implemented.

## Dual input

Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

## USB 2.0 port

USB port allows user to conveniently connect their plug and play multimedia devices such as USB memory devices, camera, portable HDD, Web camera, PDA, Printer and many other devices which has USB connection available. The conveniently located USB 2.0 port on the monitor allows USB 2.0 signals to pass thru to the computer. Note that many devices like cameras and HDD may need to be powered On independently, as they have higher power requirements than the monitor USB port can provide

## Built-in speakers

A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.



# 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): 300 nit
- Contrast ratio (typical): 700:1
- Display colors: 16 M
- Viewing angle: @ C/R > 5
- Viewing angle (H / V): 160 / 160 degree
- Response time (typical): 8 ms
- White Chromaticity, 6500K:  $x = 0.313 / y = 0.329$
- White Chromaticity, 9300K:  $x = 0.283 / y = 0.297$
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Optimum resolution: 1280 x 1024 @ 60 Hz
- Factory Preset Modes: 15 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

## Connectivity

- Signal Input: VGA (Analog ), DVI-D, PC Audio in
- Audio output: Stereo Audio (3.5 mm jack) 1x
- USB: USB 2.0 x 1
- Sync Input: Composite Sync, Separate Sync, Sync on Green

## Convenience

- Built-in Audio: 3 W RMS x 2 Stereo Speakers
- User convenience: On-screen Display, Stand-alone audio, SmartControl

- Monitor Controls: Auto, Brightness Control, Left/Right, Menu (OK), Up/Down, Volume control, LightFrame, Power On/Off
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP
- Regulatory approvals: CE Mark, E2000, EMC, Energy Star, FCC-B, UL, CSA, MPR-II, Low Emission, SEMKO, TÜV-Ergo
- Tilt: -5° to 20°

## Accessories

- Included accessories: AC Power Cord, Audio Cable, USB cable, VGA cable
- User Manual

## Dimensions

- Dimensions (with base) (W x H x D): 444 x 436 x 181 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 (On mode): 41 W (Typical)
- Consumption (Off Mode): < 1 W
- Power LED indicator: Operation - green, Stand by/ sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz



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