

Philips  
LCD monitor

48 cm (19")  
multimedia  
SXGA

190G6FB



## Surround yourself in entertainment

Place yourself in the center of a totally awesome entertainment experience with the Philips 190G6. Exciting concave design surrounds you with sights, sounds and sensations that bring movies, music and games to life like never before.

### Maximum comfort for computainment

- High-speed USB 2.0 hub for easy connections
- Preset hot keys to optimize sound for favorite music genres
- Displays video signals from a variety of AV sources

### Outstanding front of screen performance

- Ready to display HD content
- Fast 8ms On/off response time: Great text & graphics display
- ActiveBright for high brightness and razor sharp colors

### Radically cool design

- Concave design surrounds you with awesome entertainment

### Superior sound

- Digitally transmitted PC audio
- Easy-to-use Sound Agent 2 optimizes the audio experience
- 20-watt active subwoofer for deeper bass experience
- 3D virtual surround sound

# PHILIPS

# Highlights

## ActiveBright

The ActiveBright delivers high-definition-TV-like quality by displaying brilliant, razor sharp colors and a wide viewing angle for the very best in multimedia entertainment.

## High definition monitor

A high definition monitor is a display device designed to deliver the exceptional picture quality of high definition pictures, one fully prepared for HD sources like HD set top boxes. A HD monitor offers picture quality beyond that of progressive scan, conforming to strict standards for HD screens that display high resolution, top picture quality signals through a universal connection for either analog VGA or uncompressed DVI digital connections and supports HDCP. It displays 720p (1280x720p @ 50 and 60 Hz progressive) and 1080i (1920x1080i @ 50 and 60 Hz interlaced) signals.

## 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.

## 20-watt active subwoofer

A subwoofer is a speaker that reproduces the lower end of the audio spectrum. The monitor has a separate subwoofer that is optimized to reproduce bass frequencies and satellite speakers that are optimized for mid- and high-range frequencies. The result is a system that powerfully reproduces the full range of audio frequencies from deep bass to crystal clear high notes with the minimum of distortion.

## 3D surround sound

Virtual 3D Surround Sound is an advanced sound enhancement technology that provides a simulated surround sound effect from stereo sources for a more immersive and realistic soundscape.

## Sound Agent 2

Sound Agent 2 is intelligent software that comes with a fun and easy-to-use graphical interface. It takes the confusion out of PC audio by automatically optimizing sounds for all popular formats. Sound Agent 2 makes it easy to fine-tune any audio performance to suit your personal musical taste.

## USB Digital Audio

Digital transmission of PC audio signals over a USB cable instead of the old analog mini-jack cable that delivers instant up mix for incredible surround effects without the distortion caused by digital/analog conversion.

## High-speed USB 2.0 hub

The universal serial bus or USB is a standard protocol for linking PCs and peripherals. Because it delivers high speed at a low cost, USB has become the most popular method for connecting peripheral devices to a computer. A USB 2.0 hub located on the monitor provides a conveniently located, easy-to-use, high-speed connection for reading, writing, loading and transferring programs, data, digital media or music files to, from or among your PC and one or more USB devices.

## AV device

Display signals from a rich variety of AV devices.

## Preset hotkeys

Preset hotkeys that instantly change audio settings for enhanced surround sound effects. Four audio environments are offered: Neutral, Rock, Jazz and Classic. There's a mode just right for every application.

## Exciting concave design

Cutting edge concave design is a breakthrough in entertainment that surrounds you with exciting sights and sounds, putting you right smack in the center of a totally encompassing, totally awesome entertainment experience.



# Specifications

## Connectivity

- Audio output: Subwoofer Out
- PC: 3.5 mm PC audio input x1, DVI-D x1, D-Sub x1
- USB: Up stream port x 1, Down stream port x 2
- AV input: Audio (L/R) for CVBS & S-Video, Audio (L/R) for YPbPr x1, Component (YPbPr) x1, Composite (CVBS) x1, S-video x1, 75 ohm RF (TV) x1
- Sync Input: Composite Sync, Separate Sync
- Audio input for data: Digital Audio (via USB) 1x
- Other video input: TV Tuner
- Headphone: 3.5 mm
- Microphone: Microphone in 3.5 mm jack

## Picture/Display

- Panel Size: 19"/ 48 cm
- LCD panel type: 1280 x 1024 pixels, High gloss, RGB vertical stripe
- Pixel pitch: 0.098 (H) x 0.294 (V) mm
- Optimum resolution: 1280 x 1024 @ 60Hz
- Brightness (nits): 420 nit
- Display colors: 16.2 M
- Contrast ratio (typical): 700:1
- Response time (typical): 8 ms
- Viewing angle: 160° (H) / 160° (V), @ C/R >= 10
- Picture enhancement: De-interlacer, Picture in Picture, Progressive scan
- Horizontal Scanning Frequency: 30 - 82 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- Maximum Resolution: 1280 x 1024 @ 75Hz
- Effective viewing area: 376.3 x 301.1 mm
- sRGB
- Video Dot Rate: 135 MHz

## Convenience

- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP
- User convenience: On-screen Display
- Monitor Controls: Auto, Brightness Control, Input select, Left/Right, Menu (OK), Power On/Off, Up/Down, Volume control
- Regulatory approvals: CB, CCC, CE Mark, FCC-B, UL, CSA, GOST, MPRII, NUTEK, Energy Star, SEMKO
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible
- Tilt: -5° to 25°
- Ease of Use: Hot Keys

## Sound

- Output Power: 5 W RMS x 2 Stereo + 20 W x 1 Subwoofer
- Sound Enhancement: Digital Signal Processing, Subwoofer, Virtual 3D Surround

- Stereo System: NICAM
- Volume Control: Subwoofer Volume Control

## Power

- Power supply: Built-in, AC/DC Adapter
- Consumption (On mode): < 100 W (< 62 W without subwoofer)
- Power LED indicator: Operation - green, Stand by/ sleep - Amber
- Complies with: Energy Star, NUTEK
- Consumption (Off Mode): < 2 W

## Supported Display Resolution

- Computer formats: 640 x 480, 60, 75Hz, 720 x 400, 70Hz, 800 x 600, 60, 75Hz, 1024 x 768, 60, 75Hz, 1280 x 1024, 60, 75Hz
- Video formats: 480i, 25, 30Hz, 480p, 60Hz, 576p, 50Hz, 576i, 25, 30Hz, 720p, 50, 60Hz, 1080i, 25, 30Hz

## Software

- Philips Sound Agent 2

## Dimensions

- Box depth: 526 mm
- Set width (with stand): 590 mm
- Box height: 564 mm
- Set width (with stand) (inch): 23.2 inch
- Box width: 677 mm
- Set height (with stand): 451 mm
- Set height (with stand) (inch): 17.8 inch
- Set depth (with stand): 262.5 mm
- Set depth (with stand) (inch): 10.3 inch
- Temperature range (operation): 5°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Box depth (inch): 20.7 inch
- Box height (inch): 22.2 inch
- Box width (inch): 26.7 inch
- Product weight (+stand): 9.5 kg
- Product weight (+stand) (lb): 20.9 lb
- Weight incl. Packaging: 16.5 kg
- Weight incl. Packaging (lb): 32
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs
- Subwoofer Weight: 4 kg
- Subwoofer Height: 220 mm
- Subwoofer Depth: 334 mm
- Subwoofer Width: 220 mm

## Accessories

- Included accessories: AC Power Cord, Audio Cable, DVI-D cable, Remote Control, USB cable, VGA cable, 1x subwoofer
- User Manual
- Quick start guide



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