Philips
LCD monitor

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.

Outstanding front of screen performance
- ActiveBright for high brightness and razor sharp colors
- Ready to display standard and high definition signals
- Fast 8ms On/off response time: Great text & graphics display

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

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

Radically cool design
- Concave design surrounds you with awesome entertainment

PHILIPS

sense **and** simplicity

LCD monitor
19" multimedia SXGA

Specifications

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

Connectivity
- **PC:** 3.5 mm PC audio input x1, DVI-D x1, D-Sub x1
- **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
- **Other video input:** TV Tuner
- **Audio input for data:** Digital Audio (via USB) 1x
- **Audio output:** Subwoofer Out
- **USB:** Up stream port x 1, Down stream port x 2
- **Headphone:** 3.5 mm
- **Microphone:** Microphone in 3.5 mm jack
- **Video Sync Input Signal:** Composite Sync, Separate Sync

Convenience
- **Ease of Use:** Hot Keys
- **Convenience Enhancements:** On-screen Display
- **Monitor Controls:** Auto, Brightness Control, Input select, Left/Right, Menu (OK), Power On/Off, Up/Down, Volume control
- **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:** CB, CCC, CE Mark, FCC-B, UL, CSA, GOST, MPRII, NUTEK, Energy Star, SEMKO
- **Tilt:** -5° to 25°

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

Dimensions
- **Box dimensions (W x H x D):** 677 x 564 x 526 mm
- **Box dimensions in inch (W x H x D):** 26.7 x 22.2 x 20.7 inch
- **Set dimensions with stand (W x H x D):** 590 x 451 x 262.5 mm
- **Set dimensions with stand in inch (W x H x D):** 23.2 x 17.8 x 10.3 inch
- **Subwoofer dimensions (W x H x D):** 220 x 220 x 334 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
- **Product weight (+stand):** 9.5 kg
- **Product weight (+stand) (lb):** 20.9 lb
- **Subwoofer Weight:** 4 kg
- **Weight incl. Packaging:** 16.5 kg
- **Weight incl. Packaging (lb):** 32

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

Supported Display Resolution
- **Computer formats**

Resolution	Refresh rate
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**

Resolution	Refresh rate
480i	25, 30Hz
480p	60Hz
576p	50Hz
576i	25, 30Hz
720p	50, 60Hz
1080i	25, 30Hz

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

Software
- Philips Sound Agent 2

Product 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 display device ready to display standard and high definition signals, which are commonly used by TV systems around the world.

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.