



Philips  
LCD monitor with  
SmartControl Lite, Audio

18.5" w (47 cm) V-line  
HD

191V2AB

## Widescreen display offers good value

With features like invisible Speaker, SmartContrast and energy efficiency, the 191V2 offers good value

### Good picture quality

- Ready to display HD content
- SmartContrast 300000:1 for incredible rich black details
- 5ms fast response time

### Environmentally friendly green design

- Complies with RoHS standards to care for the environment
- EPEAT Silver ensures lower impact on environment
- Eco-friendly materials that meets international standards

### Great convenience

- Dual input accepts both analog VGA and digital DVI signals
- Easy picture format control switching in wide and 4:3 format
- Screen tilts to your ideal, individualized viewing angle
- Easy display performance tuning with SmartControl Lite
- Built in invisible speaker for multimedia experience

# PHILIPS

# Highlights

## Built-in invisible speaker

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.

## SmartContrast ratio 30000:1



With SmartContrast



Without SmartContrast

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

## SmartControl Lite

SmartControl Lite is the next generation 3D icon based GUI monitor control software. This allows user to fine-tune most parameters of the monitor like Color, Brightness, screen calibration, Multi-media, ID management, etc with the mouse.

## 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.

## Dual input



VGA connector



DVI connector

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

## EPEAT Silver

Philips EPEAT Silver certified monitors ensure protection for human health and environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. EPEAT program helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by US EPA. EPEAT Silver is valid only where Philips registers the product. Please visit [www.epeat.net](http://www.epeat.net) for registration status in your country.

## Eco-friendly materials

"Philips is committed to use sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely. Visit Philips @ <http://www.asimpleswitch.com/global/> to learn more.

## 5ms on/off response time

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

## Adjustable tilt

Adjustable tilt is backward and forward movement of a screen on its base to achieve custom positioning for an ideal viewing angle and more comfort for people who spend long hours working on the computer.

## Easy picture format control



Widescreeen format

4:3 format

Philips easy picture format control on OSD is to switch from the 4:3 aspect ratio to the widescreeen mode and back again to match the display's aspect ratio with your content for working with wide documents without scrolling or viewing widescreeen media in the widescreeen mode and distortion-free, native mode display of 4:3 ratio content.

## Compliant with RoHS standards

Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.



# Specifications

## Connectivity

- Signal Input: VGA (Analog), DVI-D (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Stereo Audio

## Picture/Display

- Panel Size: 18.5 inch / 46.99 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- Pixel pitch: 0.30 x 0.30 mm
- Optimum resolution: 1366 x 768 @ 60 Hz
- Brightness: 250 cd/m<sup>2</sup>
- Display colors: 16.7 M
- SmartContrast: 300000:1
- Response time (typical): 5 ms
- Viewing angle: 176° (H) / 170° (V), @ C/R &gt; 5
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB

## Convenience

- Plug & Play Compatibility: DDC/CI, sRGB, Windows 7/Vista/XP/2000/98
- Built-in Audio: 1.5W x 2
- User convenience: Brightness, Menu, Input, Auto, Power On/Off
- OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese, Turkish
- Other convenience: VESA mount (100x100mm), Kensington lock

## Stand

- Tilt: -5/+20 degree

## Power

- Power supply: Built-in, 100-240VAC, 50/60Hz
- Off mode: &lt; 0.5 W
- On mode: &lt; 15.5W (EnergyStar 5.0 test method)
- Standby mode: &lt; 0.5 W
- Power LED indicator: Operation - green, Stand by/ sleep - Amber

## Dimensions

- Product with stand (mm): 335 x 445 x 161 mm
- Packaging in mm (WxHxD): 350 x 490 x 128 mm
- Product without stand (mm): 270 x 445 x 64 mm

## Weight

- Product with packaging (kg): 4.61 kg
- Product with stand (kg): 3.48 kg
- Product without stand (kg): 3.23 kg

## Operating conditions

- Temperature range (operation): 0°C to 40°C °C
- MTBF: 50,000 hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

## Sustainability

- Environmental and energy: EPEAT Silver, RoHS
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: CE Mark, FCC, Class B, UL/cUL, TCO 5.0

## Cabinet

- Color: Black/Black
- Finish: Texture



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