

# ViewSonic® G90f+/b Monitor

## Graphic Series



### 19" PerfectFlat® Monitor

With its PerfectFlat® screen and ultra-fine shadow mask, the black 19" ViewSonic G90f+/b makes a decidedly elegant impression. Thanks to UltraBrite™ technology, perfect viewing for varying applications is assured. A simple press of the UltraBrite hot key returns extra-rich, saturated images from video, DVD, TV and games. Normal brightness for everyday applications such as word-processing and spreadsheets is restored at another touch of the button. This model boasts high resolution and is TCO'99 certified to meet strict demands for ergonomics and recyclability. Whether for general day-to-day applications or modern home entertainment, the versatile G90f+/b is a top choice.

- **UltraBrite technology**

UltraBrite monitors facilitate optimised viewing for video and graphics applications. Games, videos, TV shows and DVD movies come alive with rich, vivid colour and brightness of up to 300 nits.

- **0.25 mm shadow mask**

Thanks to an ultra-fine dot pitch, images convince through their razor sharpness and detail – even at the highest resolution levels.

- **PerfectFlat® screen**

Due to the absolutely flat screen surface, depicted images are realistically proportioned and extremely precise.

- **2048 x 1536 maximum resolution**

The maximum resolution is 2048 x 1536. For comfortable viewing, 1280 x 1024 at a flicker-free refresh rate of 88Hz is recommended.

|               |        |
|---------------|--------|
| 2048 x 1536 @ | 60 Hz  |
| 1792 x 1344 @ | 68 Hz  |
| 1600 x 1200 @ | 76 Hz  |
| 1280 x 1024 @ | 88 Hz  |
| 1024 x 768 @  | 117 Hz |

- **USB hub compatible**

The monitor design allows for easy integration of an optional USB hub for connecting peripherals.

- **One-Touch Auto-Adjust**



**ViewSonic®**  
*See the difference.™*

[www.ViewSonicEurope.com](http://www.ViewSonicEurope.com)

# ViewSonic®

## G90f+/b Monitor



19" PROFESSIONAL COLOUR MONITOR WITH PERFECTFLAT® TECHNOLOGY

|  |                        |   |
|--|------------------------|---|
| CRT  | <b>Type</b>            | 19" (18.0" viewable) 90° deflection, PerfectFlat  |
|  | <b>Pitch</b>           | 0.25mm diagonal, 0.21mm horizontal, 0.14mm vertical   |
|  | <b>Phosphor</b>        | RGB medium/short persistence B22  |
|  | <b>Glass Surface</b>   | Tint (TM=52.6%), ARAG® screen treatment   |
| INPUT SIGNAL   | <b>Video</b>           | RGB analogue (75 ohms, 0.70 Vp-p)   |
|  | <b>Sync</b>            | H/V separate (TTL), Composite   |
|  | <b>Frequency</b>       | F <sub>H</sub> : 30-97kHz, F <sub>V</sub> : 50-180Hz  |
| COMPATIBILITY  | <b>PC</b>              | IBM compatible from VGA up to 2048 x 1536   |
|  | <b>Mac®¹</b>           | PowerMac™, G3/G4 from 640 x 480 up to 1152 x 864  |
| CONNECTOR  | <b>Signal</b>          | 15-pin mini D-sub (high density)  |
|  | <b>Power</b>           | 3-pin plug (IEC320)   |
| POWER  | <b>Voltage</b>         | AC 90-240V (auto switch) 50-60(+/-2)Hz  |
|  | <b>Consumption</b>     | 90W (typ), 110W (max)   |
| USER CONTROLS  | <b>Basic</b>           | Power on/off, 1, Down, Up, 2, UltraBrite, Auto sizing   |
|  | <b>OnView®</b>         | Contrast, Brightness, H. Size/Position, V. Size/ Position, Pincushion, Pinbalance, Trapezoid, Parallelogram, Top/Bottom hook, Tilt, H/VMoiré, Degauss, Colour Temperature (9300, 6500, 5000, User), OSD Function, Language, ViewMeter, Memory Recall, Zoom. |
| VIDEO INPUT  | <b>Bandwidth</b>       | 275MHz (typ)  |
| MISCONVERGENCE   |                        | 0.25mm (max at centre), 0.35mm (max at corner)  |
| DISPLAY AREA<br><small>(Dependent upon signal timing used)</small> | <b>Factory Setting</b> | 352mm (H) x 264mm (V)   |
|  | <b>Maximum Scan</b>    | 360mm (H) x 270mm (V)   |
| OPERATING CONDITION  | <b>Temperature</b>     | 0°C to 40°C (32°F to 104°F)   |
|  | <b>Humidity</b>        | 5% - 95% (non-condensation)   |
| DIMENSIONS   | <b>Physical</b>        | 448mm (W) x 465mm (H) x 459mm (D)<br>17.6" (W) x 18.3" (H) x 18.05" (D)   |
|  | <b>Net</b>             | 22.0 kg   |
| WEIGHT   |                        |   |
| REGULATIONS  |                        | TCO '99, TÜV/GS, TÜV/ERGO, CE, ISO 9241-3, ISO 9241-7, ISO 9241-8, ENERGY STAR®, MPR-II, CB, UL, FCC-B, CSA, NOM, BSMI, VCCI, PSB, C-TICK, SASO, CCIB, NEMKO, SEMKO, DEMKO, FIMKO, Gost-R, PCBC, PC '2001   |
| POWER MANAGEMENT   |                        | Meets TCO'99 and ENERGY STAR® standards   |
| WARRANTY   |                        | Please see:<br><a href="http://www.viewsoniceurope.com/UK/Support/warranty.htm">http://www.viewsoniceurope.com/UK/Support/warranty.htm</a>  |

### • ARAG® screen treatment

The screen has been specially treated and multi-coated. Glare and reflections are thereby minimised without affecting image quality.

### • TCO '99 as well as Energy Star certified plus energy saving

TCO '99 and Energy Star denote strict standards regarding radiation, safety, recyclability and power management. In addition, the monitor saves energy costs through automatic power saving modes.



### • ViewSonic Wizard

The included ViewSonic® Wizard software provides user-friendly installation and assists users to promptly adjust the screen performance to suit their individual requirements.

### • Plug & Play†

Trouble-free configuration due to Windows® auto-installation standard support with a DDC compatible graphics card.

### • PC and Mac®² compatible

### • Three year limited warranty³



ViewSonic Corporation's QMS/EMS has been registered to ISO 9001 & ISO 14001 by the British Standards Institution.



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† May require optional Mac adapter.  
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