

Samsung LCD TV Monitor

# SyncMaster 940MG



Features



Superior Image Quality

- Ultra High Resolution
- Maximum Resolution 1440 x 900
- Contrast ratio 700:1
- Brightness 450cd/m²
- Viewing Angle 160° / 160° (CR>5)



MagicClear

SyncMaster Monitors with MagicClear provide the perfect environment for games and multimedia with vivid color and crystal clear screens.

19" Wide LCD TV Monitor



Built-in TV Tuner



HDTV Ready



16:10 Wide Screen



MagicTuner

- Supports worldwide TV (NTSC / PAL / SECAM)



MagicSpeed

Fast response time removes after image



MagicBright

4 Mode : Text, Internet, Entertain, Custom

Dynamic Sound



Multimedia Speakers (3Wx2CH)



Dolby virtual Surround, BBE

Multi Functional Performance

Support Various External AV Devices

- TV, CVBS, S-Video, Component, SCART



PIP(Picture-in-Picture), PBP(Picture-By-Picture)



Innovative Power Saving System (DPMS)

- Minimum consumption of power - under 2W



VESA Wall and Arm Mountable

Specifications

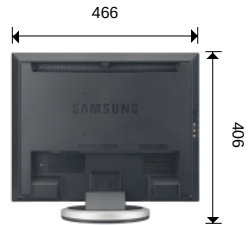
| Class                     |                        | SyncMaster 940MG                                                                                                                                               |
|---------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Panel                     | Viewable Area          | 19" wide (16:10)                                                                                                                                               |
|                           | Pixel Pitch            | 0.294 mm                                                                                                                                                       |
|                           | Brightness             | 450 cd/m²                                                                                                                                                      |
|                           | Contrast Ratio         | 700:1                                                                                                                                                          |
|                           | Viewing Angle (H/V)    | 160° / 160° (CR>5)                                                                                                                                             |
|                           | Response Time          | 8 ms                                                                                                                                                           |
|                           | Interface              | Analog / Digital                                                                                                                                               |
| Frequency                 | Horizontal Frequency   | 30~81 kHz                                                                                                                                                      |
|                           | Vertical Frequency     | 56~75 Hz                                                                                                                                                       |
| Maximum Resolution        |                        | 1440 x 900 (WXGA+)                                                                                                                                             |
| Color Supported           |                        | 16.7 Mil.                                                                                                                                                      |
| Signal Input              | Input Video Signal     | Analog RGB, DVI Digital link : TMDS, Composite, S-Video, Component, TV(antenna/cable), SCART                                                                   |
|                           | Sync. Type             | Separate H/V, Composite                                                                                                                                        |
|                           | Input Connectors       | 15pin D-Sub, DVI-D, CVBS, S-Video, SCART, Component, RF                                                                                                        |
| Plug & Play               |                        | DDC 1/2B                                                                                                                                                       |
| Mac Compatibility         |                        | O                                                                                                                                                              |
| Power                     | On Mode                | 55 Watts (Max.)                                                                                                                                                |
|                           | DPMS Mode              | <2 Watt                                                                                                                                                        |
|                           | Type                   | Built-in                                                                                                                                                       |
| Multimedia Speakers       |                        | 3W x 2ch                                                                                                                                                       |
| Wall-Mount                |                        | VESA 100mm                                                                                                                                                     |
| Emissions Standard        |                        | TCO 99                                                                                                                                                         |
| Cabinet Color             |                        | Silver                                                                                                                                                         |
| Other include accessories |                        | Power Cord, Audio cable, Remote Control, Connector                                                                                                             |
| Dimension                 | Set(W*H*D)(with stand) | 466 x 406 x 216 mm                                                                                                                                             |
|                           | Set(W*H*D)(w/o stand)  | 466 x 371 x 66 mm                                                                                                                                              |
|                           | Packing(W*H*D)         | 532 x 553 x 165 mm                                                                                                                                             |
| Weight                    | Net                    | 6.2 kg                                                                                                                                                         |
|                           | Gross                  | 8.0 kg                                                                                                                                                         |
| Special Features          |                        | MagicClear, HDTV Ready, MagicTuner (Support W/W TV System), Sound (Virtual Dolby, BBE), Composite, S-Video, Component, TV(RF), SCART, PIP / PBP (PC mode only) |

LCDTWM0601CA01HQ-WW



Dimensions

940MG / unit: mm



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Distributed by:



HDTV Ready

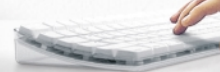


# SyncMaster 940MG

Samsung LCD TV Monitor



High-Performance LCD Monitor  
for Your Work



MagicClear wide screen is perfect  
for entertainment



Space boundaries disappear with SyncMaster 940MG

The fixed idea of TV should be in a living room and a monitor needs a computer to function, Samsung SyncMaster will certainly change your thinking.

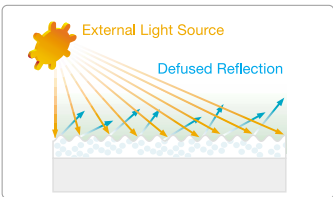


# Samsung MagicClear

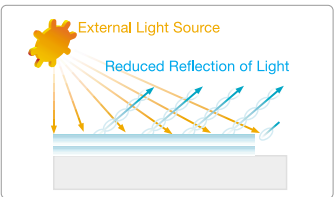


## Normal LCD vs Maic Clear

MagicClear coating reflects light revealing crystal clear images.

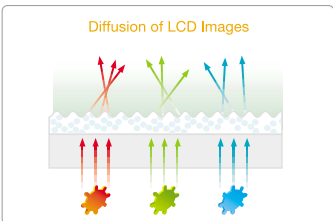


Normal LCD

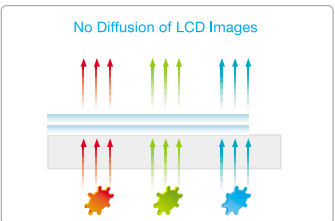


MagicClear

MagicClear eliminates distortion and glare. Samsung's highbrightness antireflective coating produces distortionfree images.



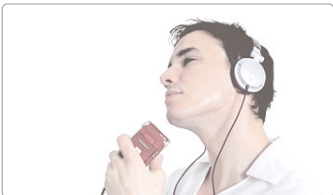
Normal LCD



MagicClear

## High Contrast Ratio

Sharper contrast that's as clear as black and white. MagicClear clearly reveals sharper contrast and fine detail.



Normal LCD



MagicClear

## Bright & Detailed Images

MagicClear displays every attractive detail. MagicClear antireflective surface reduces light and eliminates diffusion. The result, perfectly clear images.



Normal LCD



MagicClear

## Rich Colors

Colors so bold and vivid you'll be right in the action. MagicClear AR (antireflection) coating eliminates diffusion and provides rich and realistic colors.



Normal LCD



MagicClear

## Wide viewing Angle

The bright and clear image makes the screen seem even wider.



Normal LCD



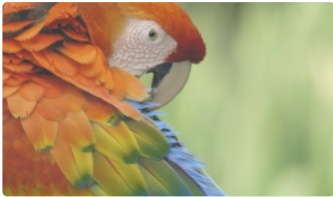
MagicClear

# Absolute Detail, Living Colors



## Supreme Quality

High-brightness LCD panel enables vivid pictures, and rich color expressions are realized on 700:1 contrast screen.



Conventional

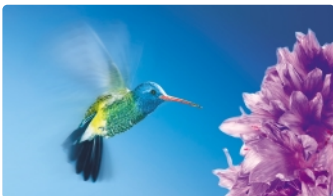


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300cd/m<sup>2</sup>, 700:1



## MagicSpeed (Fast Response Time)

Response time of 8ms eliminates dragging and after-image with games and movies.



Conventional

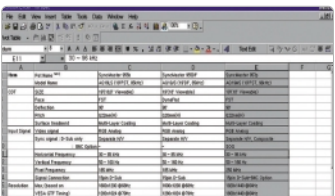


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## MagicBright (Easy Settings for Best Quality)

MagicBright finds the best viewing configuration for you, based on the images being shown. Four viewing modes of text, Internet, movie and custom are provided. Each mode defines brightness, gamma and contrast.



Text Mode : Word, Spread Sheet



Internet Mode : Browsing Internet



Entertain Mode : Game, Movie, HDTV



## HDTV Ready

Digital image technology enables HDTV signal processing, as well as general TV images. (Digital image quality is available with digital TV set-top box.)



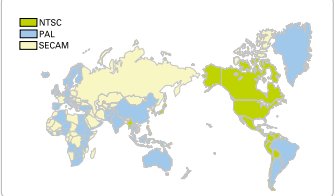
## Connection with Various A/V Devices

SyncMaster 940MG provides easy connection with a variety of devices like game console, DVD player, and set-top box, enabling a wide range of multimedia content.



## Built-in MagicTuner

SyncMaster 940MG can receive all types of TV signals, including NTSC, PAL, and SECAM. Ideal for users who want to watch TV while working on the PC. Anywhere you want, at your office, kitchen, living room, hotel or hospital, you can watch TV on the monitor, even without the PC.





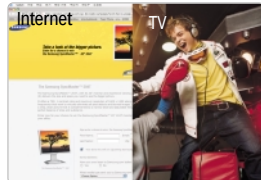
# Futuristic Features, Quality Entertainment



## PIP / PBP (Watching TV While Working)

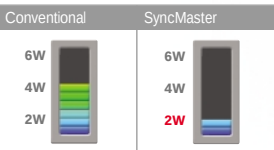


You simply could not surf the Internet while you were watching TV on conventional models. On SyncMaster 940MG, you can do both with the advanced PIP (Picture in Picture), PBP (Picture By Picture) function.



## DPMS

DPMS (Digital Power Management Signaling) sets power consumption to less than 2W in standby mode when monitor is not being used.



## Wall and Arm Mountable

Designed to meet VESA Standards to accommodate any display type.



## Multimedia Speakers (3W x 2 Ch)



### Dolby Virtual Surround Sound

This function creates a 3D sound environment without external speakers. Embedded sound processor converts the encoded, non-surround source signal to virtual surround sound.



### BBE Sound

BBE boosts treble and bass sound spectrum to recreate natural sound and enhance the correctness of sound expression. High pitch sound becomes clearer, and bass sound gains more depth and power, realizing richness in chords.



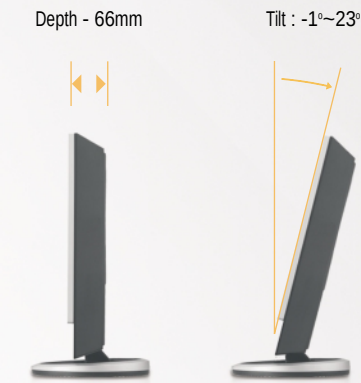
## Remote Control

Versatile remote controller is provided.



## Outstanding Design

### Simple and Modern Design



### Slick Design that Captures the Eyes



Simple, straight-line bezel

Streamlined speaker design