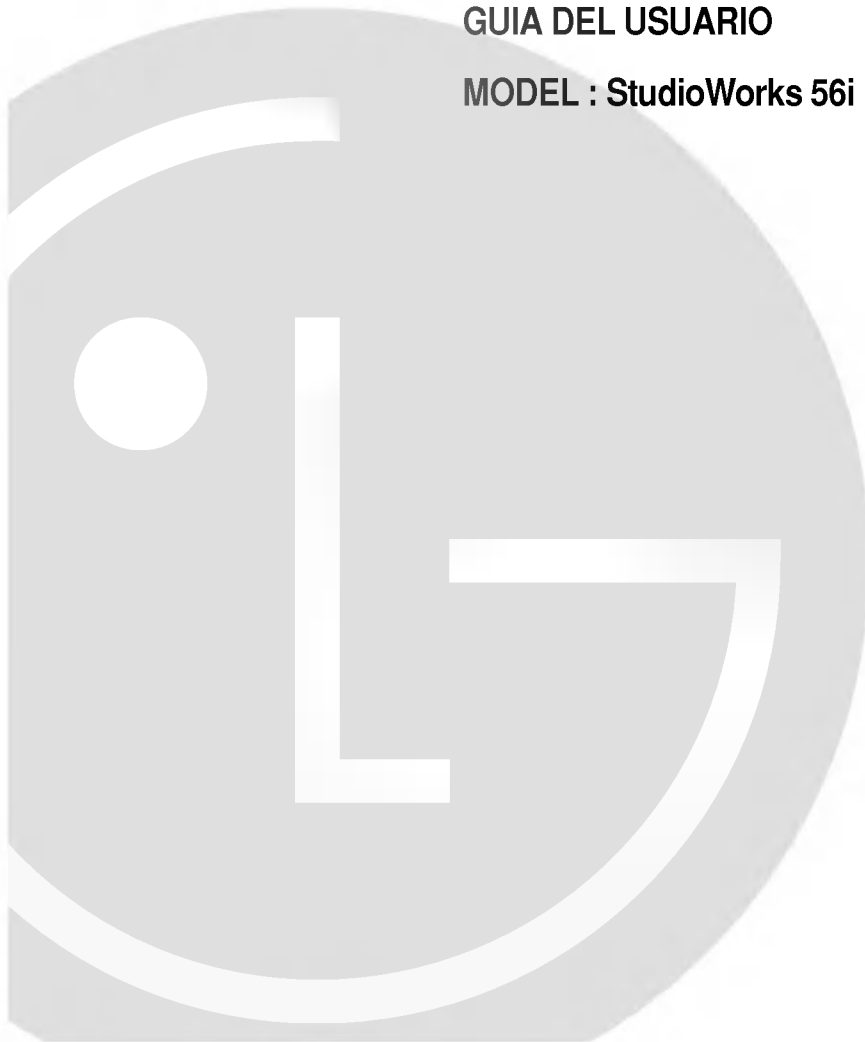




# Colour Monitor

USER GUIDE  
BENUTZERHANDBUCH  
MANUEL D'UTILISATION  
GUIDA UTENTE  
GUIA DEL USUARIO

MODEL : StudioWorks 56i



## **FCC Compliance Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception (which can be determined by turning the equipment off and on), the user is encouraged to try to correct the interference by using one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Caution:** Changes or modifications not expressly approved by LG Electronics Inc. for compliance could void the user's (or your) authority to operate the equipment. Only peripherals (digital input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this monitor. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

Only shielded Signal Cables may be used with this System.

## **Canadian D. O. C Notice**

Suggested text for the notice indication compliance with this Standard:

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

## DECLARATION OF CONFORMITY

We LG Electronics Inc.  
184 Kongdan-dong Kumi-city KOREA

declare on our own responsibility, that the product:

Kind of equipment: Monitor

Type-designation: **StudioWorks 56i**

is in compliance with following norm(s) or documents:

EN 55022/4.1982, EN 50082-1/1992

EN 60555 part 2 and 3 1987

Accredited testlaboratory:  
MIKES PRODUCT SERVICE GmbH  
Ohmstraße 2-4  
94342 Strasskirchen

LG Electronics U.K. Ltd.  
16. Mar. '95

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place and date of issue

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Mike.P.Burns (SVC MANAGER)  
Manufacturer/Authorized representative  
name and signature

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## **Introduction**

Thank you for purchasing a GoldStar color monitor. This monitor supports OSD, DDC1, DDC2B, DDC2AB. It will give you high resolution performance and operation in a variety of video operating modes. It is compatible with standard PC type personal computers. The 15-inch flat Square Tube design (13.8 inches viewable) is excellent for use in a windows or desktop publishing environment, where smaller screen sizes result in images difficult to see easily. The anti-glare treatment is easy on the eyes.

The microprocessor-based On Screen Display (OSD) controls allow you to adjust a variety of image controls, automatically storing up to 35 different video modes, including 6 recall modes.

For greater user health and safety, this monitor complies with the Swedish Nutek MPR II requirements for low radiation emissions.

For low cost of monitor operation, this monitor is certified as meeting the EPA Energy Star Requirements, and utilizes the VESA Display Power Management Signalling (DPMS) protocol.

Please review this manual completely before operating the monitor.

## Monitor Registration

The model and serial numbers are found on the rear of this unit. These numbers are unique to this unit and not available to others. You should record requested information here and retain this guide as a permanent record of your purchase. Staple your receipt to this page.

Date of Purchase : \_\_\_\_\_  
Dealer Purchased From : \_\_\_\_\_  
Dealer Address : \_\_\_\_\_  
Dealer Phone No. : \_\_\_\_\_  
Model No. : \_\_\_\_\_  
Serial No. : \_\_\_\_\_

## Notice

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## Trademark Acknowledgments

**GoldStar** is a trademark of **LG Electronics Inc.**  
**IBM** is a registered trademark and **VGA** is a trademark of International Business Machines Corporation.

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**WARNING** : To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

**AVERTISSEMENT** : Ne pas placer cet appareil dans un endroit humide. Cela peut entraîner un incendie ou une décharge électrique.

## Important Precautions

This unit has been engineered and manufactured to assure your personal safety, but improper use can result in potential electrical shock or fire hazard. In order not to defeat the safeguards incorporated in this monitor, observe the following basic rules for its installation, use, and servicing. Also, follow all warnings and instructions marked directly on your monitor.

### On safety

1. Use only the power cord supplied with the unit. In case you need another power cord, make sure that it is certified by the applicable standards (UL/CSA or VDE) if not being provided by the supplier.
2. Operate the monitor only from a power source indicated in the specifications of this manual or listed on the monitor. If you are not sure what type of power supply you have in your home, consult your dealer.
3. Overloaded AC outlets and extension cords are dangerous. So are frayed power cords and broken plugs. They may result in a shock or fire hazard. Call your service technician for replacement.
4. **DO NOT OPEN THE MONITOR.** There are no user-serviceable components inside. There are Dangerous High Voltages inside, even when the power is Off. Contact your dealer if the monitor is not operating properly.
5. To avoid personal injury:
  - Do not place the monitor on a sloping shelf unless properly secured.
  - Use only a stand recommended by the manufacturer.
  - Do not try to roll a stand with small casters across thresholds or deep pile carpets.
6. To prevent Fire or Hazards:
  - Always turn the monitor Off if you leave the room for more than a short period of time. Never leave the monitor On when leaving the house.

- Keep children from dropping or pushing objects into the monitor's cabinet openings. Some internal parts carry hazardous voltages.
- Do not add accessories that have not been designed for this monitor.
- During a lightning storm or when the monitor is to be left unattended for an extended period of time, unplug it from the wall outlet.
- Do not bring magnetic devices such as magnets or motors near the picture tube.

### **On installation**

1. Do not allow anything to rest upon or roll over the power cord.  
Do not place the monitor where the power cord is subject to damage.
2. Do not use this monitor near water such as near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.
3. Monitors are provided with ventilation openings in the cabinet to allow the release of heat generated during operation. If these openings are blocked, built up heat can cause failures which may result in a fire hazard. Therefore, NEVER:
  - Block the bottom ventilation slots by placing the monitor on a bed, sofa, rug, etc.
  - Place the monitor in a built-in enclosure unless proper ventilation is provided.
  - Cover the openings with cloth or other material.
  - Place the monitor near or over a radiator or heat source.

### **On cleaning**

- Unplug the monitor before cleaning the face of the picture tube.
- Use a slightly damp (not wet) cloth. Do not use an aerosol directly on the picture tube because overspray may cause electrical shock.

### **On repacking.**

- Do not throw away the carton and packing materials. They make an ideal container in which to transport the unit. When shipping the unit to another location, repack it in its original material.



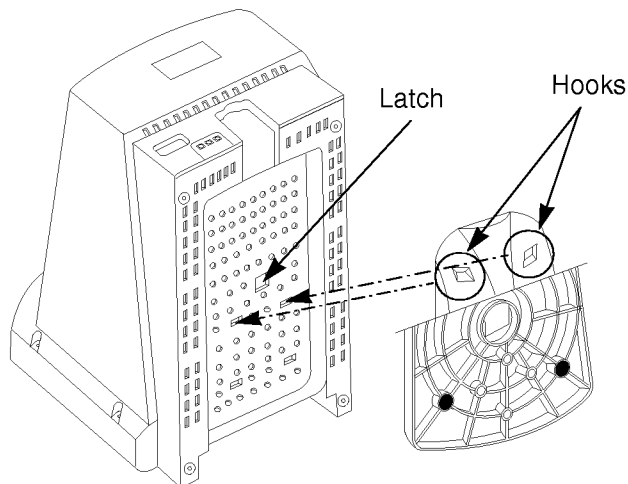
## Installing the Tilt/Swivel Base

- Turn off the equipment and all attached options.
- Carefully set the monitor face-down with the underside facing you.

### Installation

1. Align the hooks on the tilt/swivel stand with the matching slot on the base (underside of the monitor). The open hooks of the stand should face the front of the monitor. The matching slots are on the first row of slots showing 2 pairs of slots.
2. Insert the hooks into the front and rear slots. The stand should now fit flush with the bottom of the monitor.
3. Slide the stand toward the front of the monitor, until the latch clicks into the locked position. Now only the bottom of the stand should be movable.
4. Carefully upright the monitor, taking care to place the monitor down flatly on an even surface.

**NOTE:** To remove the stand, gently push in the latch on the bottom of the monitor and then slide the stand toward the back of the monitor. After sliding the stand back, lift off the stand from the monitor.



## Installation

The supply voltage is marked on the ID label located on the rear panel of the monitor. If your local voltage is different, do not use the monitor and contact your supplier before using the display.

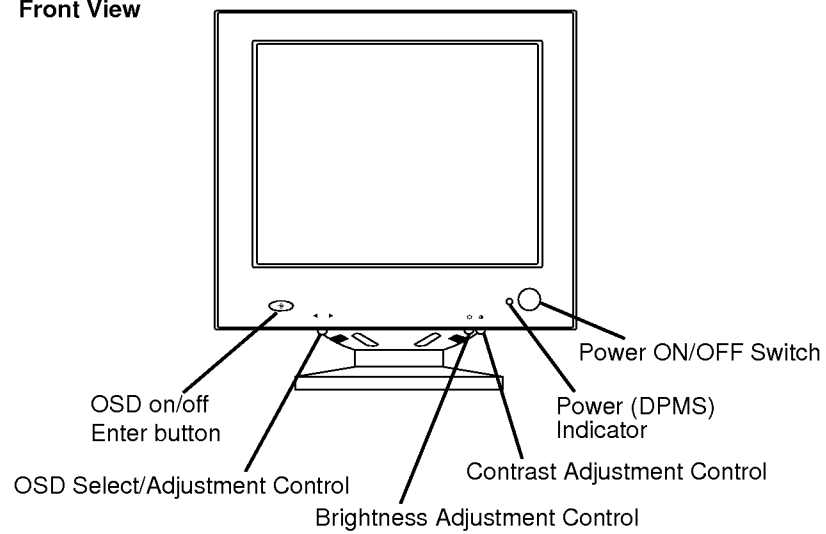
## Connections

To connect your monitor after the video adapter is properly installed:

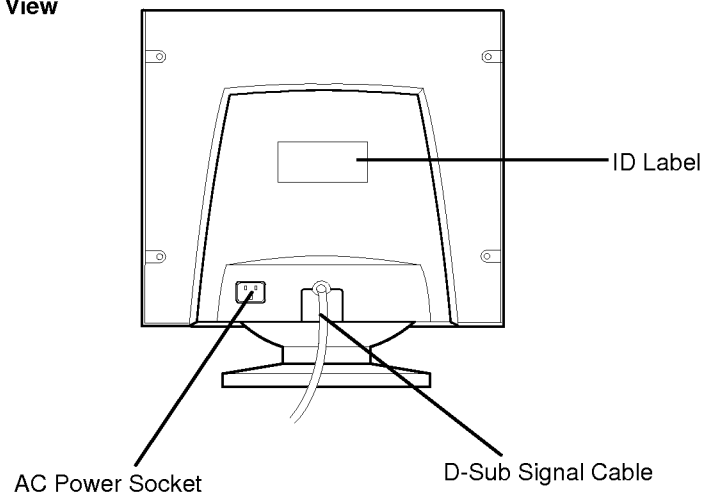
1. Turn OFF the power to your computer and all its attached options.
  2. Position the monitor and the computer so that you can easily get to the back panel of each.
  3. Connect the signal cable with D-sub connector to the graphics board on your PC as described in your PC Owner's Manual.
  4. Tighten the screws on the video cable connectors to keep them from coming loose and to prevent radio and TV interference.
  5. Connect the power cord to the AC receptacle on the back of the monitor. Plug the other end of the power cord into a properly grounded electrical outlet.
  6. The socket-outlet should be installed near the equipment and should be easily accessible.
- \* Other Users: To work with equipment using a different connector than on the cable supplied, you may need to purchase an adapter cable or adapter block to attach the monitor to your equipment.  
Example: For MACII users, you might need an adapter block to change from the high density (3 row) db-15 VGA connector on the supplied cable to a standard (2 row) db-15 connector for your MAC II.
- \* This product is also designed for IT power system with Phase to Phase voltage 230V.

## Location and Function of Controls

### Front View

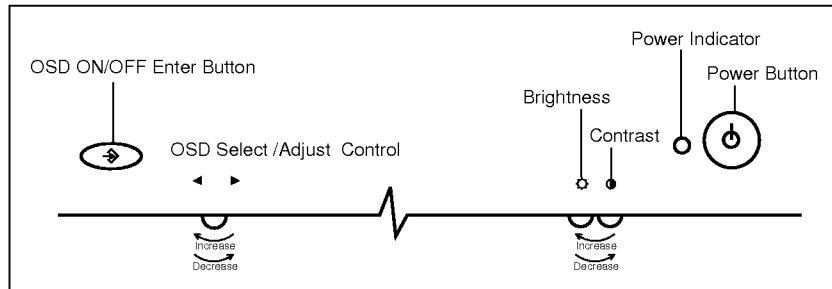


### Rear View



## Control Panel Function

All functions are adjusted from the microprocessor based digital controls.



Buttons on the front of the monitor allow you to adjust image easily through an OSD menu. As you choose controls, the selected icon shows you what the chosen control will do. These pictures give you immediate understanding of the controls. The following is a description of use for each button.

### Power On/Off button

This button is used to turn the monitor on and off. In case the monitor is in a stand-by mode, indicated by an amber color Power Indicator, push the Power Button again to return the monitor to its normal display operation.

### Power Indicator

This Indicator lights up green when the monitor operates normally. If the monitor is in DPM (Energy Saving) mode (stand-by/suspend/power off), this indicator color changes to amber.



### Contrast control

Adjust the display to the contrast desired. Move the thumbwheel located beneath this indicator to increase or decrease the display contrast.



### Brightness control

Used to adjust the brightness of the screen. Move the thumbwheel located beneath this indicator to increase or decrease the display brightness.



### Enter button

Use this button to start/enter and exit from the On Screen Display (OSD). If there is no OSD on the screen, One Click (press) of this button will show the Main Menu. To remove the display, either wait 10 seconds or double Click this button. If you are in a submenu, a single click will back you out to the Main Menu display, and then double Click will exit the menu.



◀▶ **Adjustment Control**

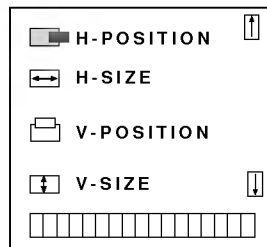
Use this knob for selecting (highlighting) an OSD icon to be adjusted. It is also used for selecting the level of the selected item to be adjusted.

**On Screen Display (OSD) Control Adjustment**

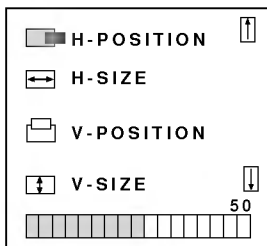
Making adjustments to the image size, position and operating parameters of the monitor are quick and easy with the On Screen Display Control system, using only the Enter button and Adjustment Control knob. A quick example is given below to familiarize you with the use of the controls. Following this section is an outline of the available adjustments and selections you can make using the OSD.


Example:

Note: (Monitor and PC should be ON, with an image or prompt on the screen) Rotating the Adjustment Control knob clockwise one Click will present you with the Main Menu1 of the On Screen Display system, with the first item "  "highlighted. The main picture area will also show the selected icon and a brief description (here H-Position). If you turned the control more than one Click, a different icon may be highlighted. Move the control until the "  " icon is selected. The OSD system should look like :



To adjust this item, press the Enter Button once. The display will look like:







The bar graph shows you the current level of the selected "H-Position" control. Use the Adjustment control knob to increase or decrease the level to fit the screen or your desired size. When you have finished, press the Enter (  ) button once to return to Main Menu1 to make another selection. If you have completely finished using the OSD after you have returned to Main Menu1, you can double Click the Enter button to exit the OSD.




### OSD Adjustment and Selection Items

In the previous section, you were introduced to the procedure of selecting and adjusting an item using the OSD system. There are four Main Menu pages: the first one has the 4 most commonly used items, and the second page has items that are used less frequently. When selecting an item to be adjusted, moving the adjustment control past the last icon on the screen (either left or right) will take you to the other Main Menu page.


Listed below are the icons, icon names and icon descriptions of the items that are shown on the Main Menu1 OSD :

-  Horizontal Position (To move picture image left and right)
-  Horizontal Size (To adjust image width)
-  Vertical Position (To move image up and down)
-  Vertical Size (To adjust image height)



Listed below are the icons, icon names and icon descriptions of the items that are shown on the Main Menu2 OSD :

- Zoom (To adjust H and V image size simultaneously)
-  Side Pincushion (To correct the bowing in and bowing out of the image)
-  Trapezoid (To correct geometric distortion)
-  Rotation (To adjust tilt)

Listed below are the icons, icon names and icon descriptions of the items that are shown on the Main Menu3 OSD :

-  Degauss (This button is used to demagnetize the picture to give a more accurate image and color)
- Recall (To recall the factory preset mode)
- Help (To inform users of preset and user mode data)

Listed below are the icons, icon names and icon descriptions of the items that are shown on the Main Menu4 OSD :

-  Color Code (To select color temperature, 9300 °K/7200 °K/user)
-  RGB Adjust (To adjust individual RGB color at user color code)

## Power Management System

This monitor incorporates new circuitry for lowering energy usage during idle time, following the Display Power Management Signalling (DPMS) guide-lines of the Video Electronics Standards Association (VESA), and is certified as exceeding the EPA's Energy Star program for reduced power usage.

For the power saving feature to operate, the monitor must be used with either a PC having power saving circuitry or a PC running screen blanking software. The monitor has three power-saving states, and the power saving operation is indicated by the power indicator on the front panel.

When the power indicator is green, operation is normal. When the power indicator is orange, the monitor is in a power saving mode. If the power indicator is dark or blinks orange, press the power button to turn on the monitor. If the power indicator is orange and you wish to use the PC again, move your mouse pointer or touch a keyboard button. When the monitor is not in use, save energy by turning it off.

## Image Adjustment

This monitor has a microprocessor-based On Screen Display (OSD) control system for adjusting the following items: Contrast, Brightness, Horizontal width, horizontal position, vertical height and position, side pincushion and trapezoid, zoom, Rotation, and color levels. When you make adjustments to any of the above items, the microprocessor will automatically memorize the adjustments you made. Your settings will be maintained even if you turn off the monitor and turn it on again.

**NOTE:** The only time you may need to adjust the image settings again is in the event you change video modes (for example, you may go from a 640x480 video mode in DOS to an 800x600 video mode for windows). In this event, you may need to adjust the image controls again to meet the image display you desire. Now, the microprocessor will memorize the new image settings you made in the 800x600 video mode, having already stored your 640x480 image settings. From now on, when you switch between a 640x480 mode and a 800x600 mode, the monitor will recall each of the specific image settings you made in each of these modes. More on image memory modes in the video memory modes section.

## Video Memory Modes

This multi-synchronous auto-scanning monitor can automatically detect and display several video modes falling within the monitor's scanning range of 30-65KHz Horizontal and 50-120Hz Vertical. In the PC area, this relates to a maximum flicker free usable resolution of 1024x768 at a non-interlaced refresh rate of 75Hz Vertical.

For convenience, the monitor has a 35 mode memory, of which 6 modes come from the factory preset to popular video modes as described below.

| Mode | Display Mode          | Horizontal Frequency | Vertical Frequency | Polarity   |            | Comments   |
|------|-----------------------|----------------------|--------------------|------------|------------|--|
|      |                       |                      |                    | Horiz sync | Verti sync |  |
| 1    | VGA720 x 400          | 31.47 KHz            | 70 Hz              | -          | +          | Factory fixed, but may be updated by user's setting. |
| 2    | VGA640 x 480          | 31.47 KHz            | 60 Hz              | -          | -          |  |
| 3    | VESA640 x 480         | 37.50 KHz            | 75 Hz              | -          | -          |  |
| 4    | SVGA/VESA75,800 x 600 | 46.88KHz             | 75 Hz              | +          | +          |  |
| 5    | 1024 x 768            | 56.47 KHz            | 70 Hz              | -          | -          |  |
| 6    | 1280 x 1024           | 63.98 KHz            | 60 Hz              | +          | +          |  |

Modes13-35 are empty and can accept new video data.

If the monitor detects one of the above signals from your computer's video card, it will recall that mode and any stored image adjustments you may have made before. If the monitor detects a new video mode that had not been present before or is not one of the above listed factory presets, it will store a new mode automatically in one of the blank (empty) memory modes (in this example, mode 13). When you now adjust the OSD controls to your preference, these image settings will also be stored in mode 13. Whenever your video card or PC switches to the mode that the monitor recognizes as mode 13, your personal image settings will also be recalled.



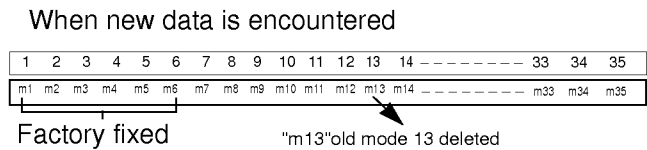
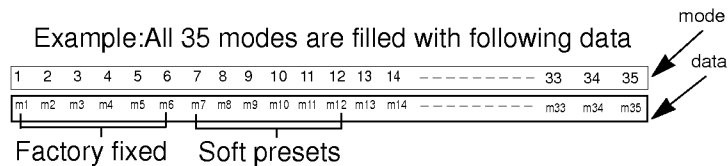
**A note about the video memory modes:**

There is a total of 35 video memory modes, generally more modes than you will use at any one time. Of these 35 modes, 6 are permanent, factory fixed modes that cannot be changed, and another 6 are set at the factory, but may be overwritten to make more room. The remaining 23 modes are left blank (empty). If you use up the 23 blank modes and still have more new video modes, the monitor will store information in the other 6 soft preset modes for the new mode storage. If additional new modes are encountered, the monitor will delete the lowest memory mode and add the new mode.

If you use a video card that has a number of resolutions and frequencies that do not correspond to any of the monitor video modes set at the factory, here's what will happen:

- 1) As the monitor encounters new video data, if you adjust the image control icons, the monitor will save the new information in the next available empty mode (mode 13 if this is the first new data encountered).
- 2) If you have used modes 13-35 with 23 new video modes, and the monitor encounters another mode (36th mode), it will store the new data in mode 13 and the old data of mode 13 is deleted.

In addition, If the monitor encounters 25th new video data, the old data of mode 14 is deleted and 25th data will replace the mode 14, with above method, when this monitor encounters new mode, it can update from mode 13 to mode 35 sequentially and continuously.



Because the monitor is designed this way, you will always have the most common 29 video modes generated by your graphics card available with your own image settings recalled automatically.

## **Low Radiation Compliance (MPR II)**

This monitor meets one of the strictest guidelines available today for low radiation emissions, offering the user extra shielding and an anti-static screen coating. These guidelines, set forth by a government agency in Sweden, limit the amount of emission allowed in the Extremely Low Frequency (ELF) and Very Low Frequency (VLF) electromagnetic range.

## **Self Diagnostics**

This monitor can sense when there is a possible problem present, and informs you of this condition by presenting you with a **Self Diagnostics** OSD. This OSD may pop up when it is **On** but no signal is detected. In this case the message CHECK S/CABLE will be high lighted, alerting you to check the signal cable connections.

## **DDC (Display Data Channel)**

DDC is a communication channel over which the monitor automatically informs the host system(PC) about its capabilities. This monitor has three DDC functions; DDC1, DDC2B, and DDC2AB. DDC1 and DDC2B carry out uni-directional communication between the PC and the monitor. Under these situations, the PC sends display data to the monitor but not commands to control the monitor servings. DDC2AB has the function of bi-directional communication. For example, the PC can fetch screen data from monitor and adjust the screen with the PC keyboard.

NOTE: The PC must support DDC functions to do this.

## **HELP Menu**

The help menu, activated by selecting HELP Menu, gives you some operating information about the monitor:

It is composed of the three sequential menus:

The first menu shows the total number of the preset, user mode and current mode information, the second one shows the preset mode data stored, and third one shows the user mode data stored.

Pressing the + key displays the next page.

Pressing the - key displays the preceding page.

## Troubleshooting

**Symptom:** Self diagnostics message.

**Possible causes:**

- The signal cable is not connected.

**Symptom:** The power LED is illuminated orange or blinking orange.

**Possible causes:**

- Display power management mode.
- There is no sync signal.
- The signal cable is not fastened securely.
- Check the computer power and graphics adapters configuration.
- The frequency of the sync input is outside the operating range of the monitor.

HORZ:30KHz-65KHz

VERT:50Hz-120Hz

The signal cable is incorrectly configured or connected Refer to the page *Signal connector pin assignment* for reference.

**Symptom:** The image on the SCREEN is not centered, too small, or not a rectangle shape.

**Possible Causes:** Image adjustment not been done yet in the current operating mode. Use the SELECT and +/- buttons to set the image to your liking.

**Symptom:**The monitor doesn't enter the power saving off mode (blinking orange led).

**Possible Causes:**Computer video signal is not VESA DPMS standard. Either the PC or the video controller card is not using the VESA DPMS power management function.

## Service

1. Unplug the monitor from the wall outlet and refer servicing to qualified service personnel when:
  - The power cord or plug is damaged or frayed.
  - Liquid has been spilled into the monitor.
  - The monitor has been exposed to rain or water.
  - The monitor does not operate normally following the operating instructions. Adjust only those controls that are covered in the operating instructions. An improper adjustment of other controls may result in damage and often requires extensive work by a qualified technician to restore the monitor to normal operation.
  - The monitor has been dropped or the cabinet has been damaged.
  - The monitor exhibits a distinct change in performance.
  - Snapping or popping from the monitor is continuous or frequent while the monitor is operating. It is normal for some monitors to make occasional sounds when being turned on or off, or change video modes.
2. Do not attempt to service the monitor yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
3. When replacement parts are required, have the service technician verify in writing that the replacements used have the same safety characteristics as the original parts. Use of manufacture specified replacements can prevent fire, shock, and other hazards.
4. Upon completion of any service or repairs to the monitor, ask the service technician to perform the safety check described in the manufacturer's service manual.
5. When a video monitor reaches the end of its useful life, improper disposal could result in a picture tube implosion. Ask a qualified service technician to dispose of the monitor.

## Specifications

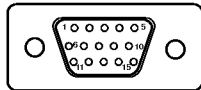
### Sync signal types

| Type          | Green video | H. sync | V. sync |
|---------------|-------------|---------|---------|
| separate sync | Video       | H. sync | V. sync |

### D P M (Display Power Management)

| MODE     | H.sync | V.sync | Video | Power Consumption | LED Color          |
|----------|--------|--------|-------|-------------------|--------------------|
| Normal   | On     | On     | On    | ≤ 90W             | Green              |
| Stand-by | Off    | On     | Off   | ≤ 15W             | Blink Orange/Green |
| Suspend  | On     | Off    | Off   | ≤ 15W             | Blink Orange/Green |
| Off      | Off    | Off    | Off   | ≤ 5W              | Orange             |

### Signal connector pin assignment



| Pin | Separate Sync |
|-----|---------------|
| 1   | Red           |
| 2   | Green         |
| 3   | Blue          |
| 4   | Ground        |
| 5   | Self-Test     |
| 6   | Red Ground    |
| 7   | Green Ground  |
| 8   | Blue Ground   |
| 9   | NC            |
| 10  | Ground        |
| 11  | Ground        |
| 12  | SDA           |
| 13  | Horiz.Sync    |
| 14  | Vert.Sync     |
| 15  | SCL           |

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## **Specifications**

### **Picture tube**

15 inch (13.8 inches viewable) FST, Non-glare, 90 degree deflection,  
Darkface, 0.28 mm dot pitch

### **Sync Input**

Horizontal Freq. : 30KHz - 65KHz (Automatic)  
Vertical Freq. : 50Hz - 120Hz (Automatic)  
Input Form : Separate, TTL, positive/negative  
Signal input : 15 pin D-Sub connector

### **Video and Audio Input**

Display Area : 10.2 x 7.5 inches / 260 x 190 mm( H x V )  
Input Form : Separate, RGB Analog, 0.7 Vp-p/75 ohm, positive  
Resolution : 1280 x 1024, 60Hz

**Power Consumption:** 90 Watts max  
15 Watts suspend mode, stand-by mode  
5 Watts DPMS-Off mode

### **Power input**

100-240VAC 50/60Hz 1.5A

### **Dimensions ( W x H x D )**

14.2 x 12.9 x 15.4 inches

### **Weight ( net )**

29.8 lbs

Information in this document is subject to change without notice and does not represent a commitment on the part of LG Electronics Inc.

# COLOR MONITOR

USER GUIDE  
BENUTZERHANDBUCH  
MANUEL D'UTILISATION  
GUIDA UTENTE

**MODEL : StudioWorks 56i**

## **56i**

P/NO : 3828TUL001H (S-9604)

## **GOLDSTAR MONITOR LIMITED WARRANTY FOR THE UNITED STATES AND CANADA**

LG Electronics U.S.A., Inc. will repair or at its option replace, without charge, your product which proves to be defective in material or workmanship under normal use, during the warranty period listed below from the date of original purchase. **This warranty is good only to the original purchaser of the product during the warranty period as long as it is in the U.S. including Alaska, Hawaii and U.S. Territories**

| <b>WARRANTY PERIOD</b> |              |                       |  |
|------------------------|--------------|-----------------------|--|
| <u>MODEL #</u>         | <u>LABOR</u> | <u>PARTS</u>          | <u>HOW SERVICE IS HANDLED</u>  |
|                        | 3 YEARS      | 3 YEARS               | Call 1-800-243-0000, 24 hrs a day, 7 days per week, please have your product type (monitor, tv, vcr) and zip code ready. |
|                        |              | <u>CRT</u><br>3 YEARS |  |

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### **THE ABOVE WARRANTY DOES NOT APPLY:**

- To damages or problems which result from delivery or improper installation.
- To damages or problems which result from misuse, abuse, accident, alteration, or incorrect electrical current or voltage.
- To service calls, which do not involve defective workmanship or material, such as head cleaning and expaining the operation of the unit.

**Therefore these costs are paid by the consumer.**

### **CUSTOMER ASSISTANCE NUMBERS:**

|  |        |   |
|--|--------|---|
| <b>To Prove Warranty Coverage:</b>                 | →<br>→ | <b>Retain your Sales Receipt to prove date of purchase.</b><br>Copy of your Sales Receipt must be submitted at the time warranty service is provided. |
| <b>To Obtain Product or Customer Assistance:</b>   | →      | Call 1-800-222-6457 (Mon-Fri 8am-5pm CST)<br>Push Appropriate Menu Code.  |
| <b>For Your Nearest Authorized Service Center:</b> | →      | Call 1-800-243-0000, 24 hrs a day, 7 days per week, please have your product type (monitor, tv, vcr) and zip code ready.                              |
| <b>All Customers In Canada Please Call</b>         | →      | (905)-670-0650  |



