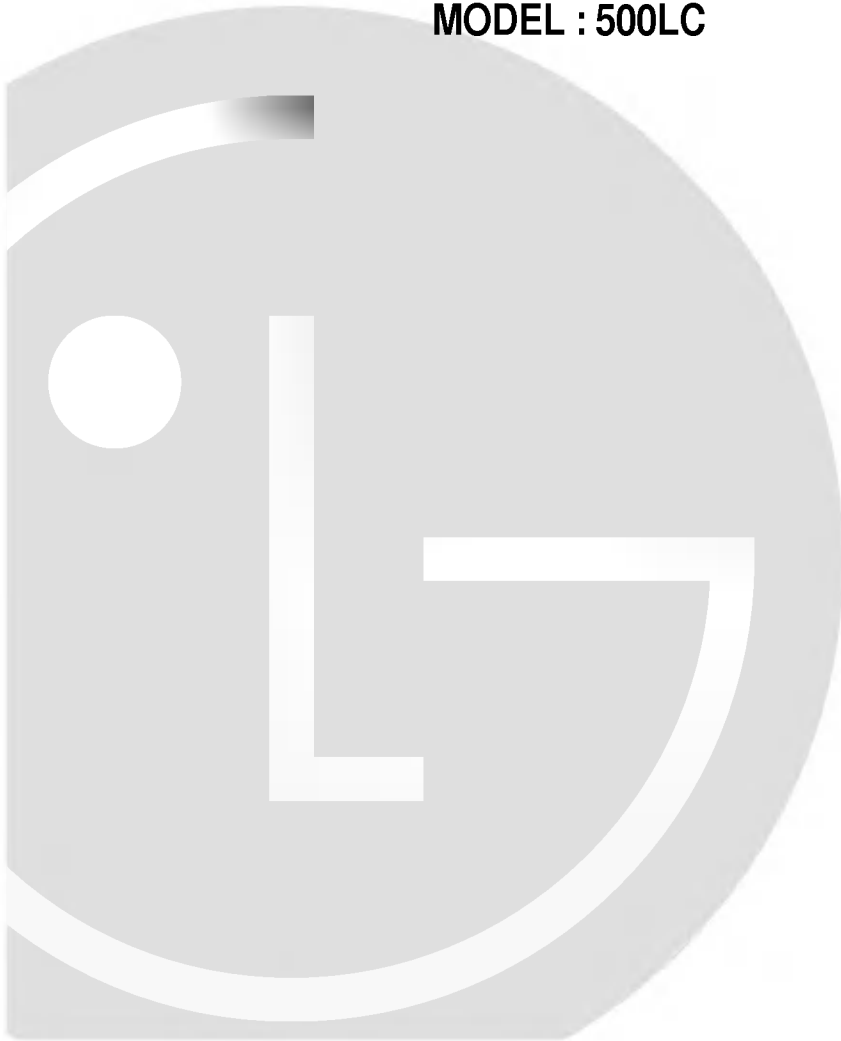




Color Monitor

USER GUIDE
MANUEL D'UTILISATION

MODEL : 500LC



AGENCY REGULATORY NOTICE

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**

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.

**TCO'95
Compliance
TCO마크**

This monitor complies with TCO'95 (The Swedish Confederation of Professional Employees) guidelines for low frequency electric fields, magnetic fields, static electricity, and visual ergonomic requirements. Furthermore, this model is produced with concern for the environment and contains no harmful substances in any of its components.

**CE Conformity
Notice
CE 마크**


Products with the CE Marking comply with the EMC Directive(89/336/EEC) and LOW VOLTAGE Directive (73/23/EEC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Norms :

- EN 55022 Radio Frequency Interference
- EN 50082-1:1992 Electromagnetic Immunity
- EN 60555-2 Power Line Harmonics
- EN 60555-3 Voltage Fluctuations
- EN 60950 Product Safety

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The LG **500LC** Flat Panel Monitor has an active matrix TFT (Thin-Film Transistor) LCD (Liquid Crystal Display).

This monitor is designed for use in small working areas or for those who need more working space on the desk.

Features

The **500LC** is a 15.1-inch (15.1 inches viewable) intelligent microprocessor based monitor.

Digitally controlled auto-scanning is done with the microprocessor for horizontal scan frequencies between 31 and 61kHz, and vertical scan frequencies between 56 and 75Hz. The microprocessor-based intelligence allows the monitor to operate in each frequency mode with the precision of a fixed frequency monitor.

The microprocessor-based digital controls allow you to adjust conveniently a variety of image controls by using the OSD (On Screen Display).

It supports resolutions up to 1024x768, and has a wide viewing angle of ± 60 degrees horizontal and ± 45 degrees vertical.

The monitor is shipped with 14 factory pre-programmed video modes that are permanently resident. In addition, there are 4 user-storable modes, for a total of 18 memory modes.

For greater user health and safety, this monitor complies with the stringent Swedish TCO '95 requirements for low radiation emissions.

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 here.

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

Notice

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Trademark Acknowledgments

LG is a trademark of **LG Electronics Inc.**

IBM is a registered trademark and **VGA** is a trademark of International Business Machines Corporation.


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 use another power cord, make sure that it is certified by the applicable standards (UL/CSA or VDE) if not being provided by the supplier. Power cord must meet the requirements of the country where you use the monitor. For more information on power cord requirements, contact your LG authorized dealer, reseller, or service provider.
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 or office.
 - 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, and 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.
4. Do not rub or strike the Active Matrix LCD with anything hard as this may scratch, mar, or damage the Active Matrix LCD permanently.
5. Do not press the LCD screen with your finger for a long time as this may incur some afterimages.
6. Some dot defects may appear on the screen, like Red, Green or Blue spots on the screen. However, this will have no impact or effect on the monitor performance.
7. If possible, use the VESA 1024x768 @60Hz video mode to obtain the best image quality for your LCD monitor. If used under any modes except the VESA 1024x768 @60Hz video mode, some scaled or processed images may appear on the screen. However, this is the characteristics of the LCD panel which has a fixed resolution of 1024x768 at 60Hz.

On Cleaning

- Unplug the monitor before cleaning the face of the LCD Screen.
- Dust the monitor by wiping the screen and the cabinet with a soft, clean cloth. If the screen requires additional cleaning, use a clean, damp cloth.
- Do not use liquid cleaners or aerosol cleaners.

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.

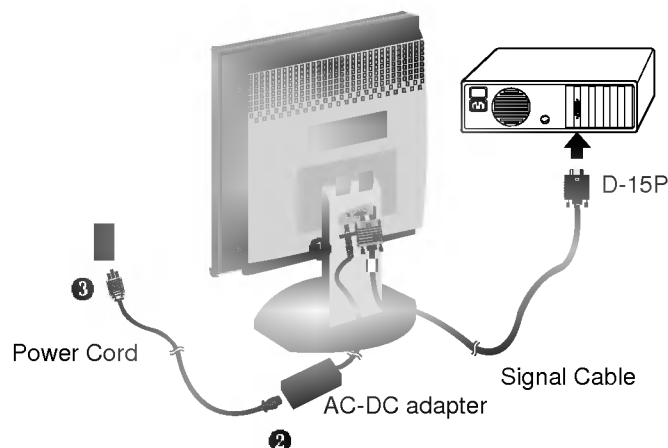
Connecting the Monitor

On the back of the monitor are two plug-in connections; one for the AC power cord, and the other is for the signal cable from the video card.

Connect to any IBM PC

- 1 Power off both the monitor and PC.
- 2 Connect the 15-pin VGA connector of the supplied signal cable to the output VGA video connector on the PC and the matching input connector on the rear of the monitor. The connectors will mate only one way. If you cannot attach the cable easily, turn the connector upside down and try again. When mated, tighten the thumbscrews to secure the connection.
- 3 Connect the plug from the AC-DC adapter into the connector on the display unit. 1 Connect one end of the AC power cord into the AC-DC adapter. 2 Plug the other end into a properly grounded three-prong AC outlet. 3
- 4 Power ON the PC, then the monitor.
- 5 If you see the **Check Signal Cable** message, check the signal cable and connectors.
- 6 After using the system, power OFF the monitor, then the PC.

Note : If you see the "Outside Range Limits" message, check to make sure your system is set to one of the factory preset modes.(see page A14)

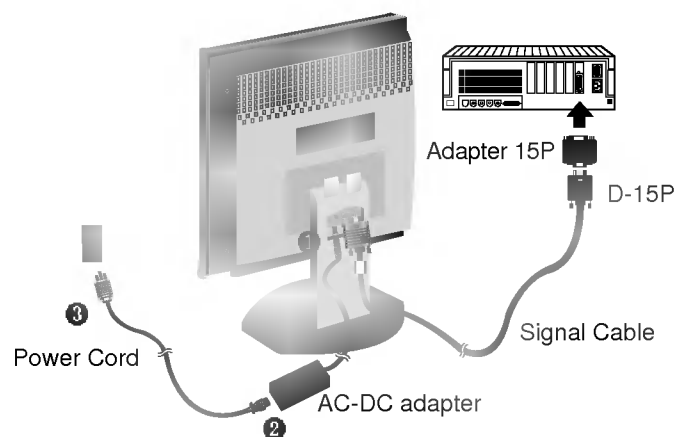


Connect to an APPLE Macintosh System

Figure shows the connection to an Apple Macintosh, using a separately purchased adapter. For more information on adapter requirements, contact your LG authorized dealer, reseller, or service provider.

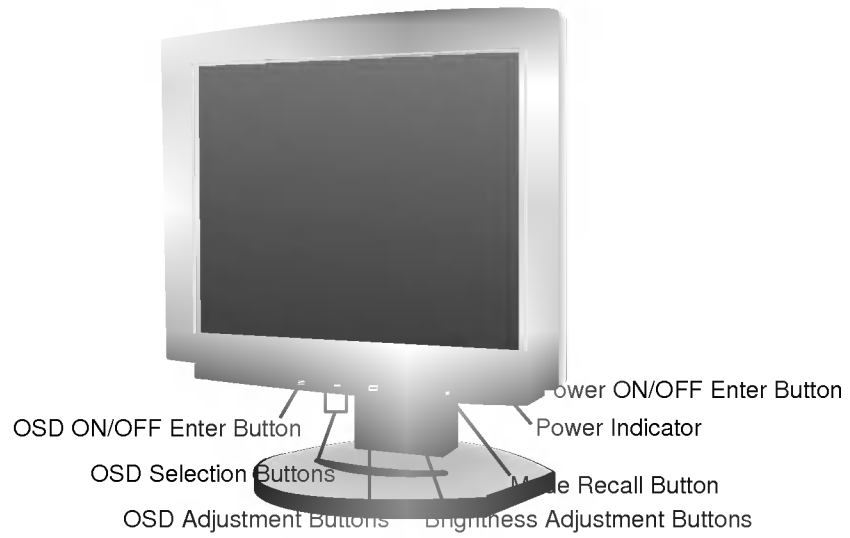
- 1** Power OFF both the monitor and the PC.
- 2** Locate the appropriate MAC to VGA adapter block at your local computer store. This adapter changes the high density 3 row 15 pin VGA connector to the correct 15 pin 2 row connection to mate with your MAC. Attach the other end of the signal cable to the side of the adapter block with 3 rows.
- 3** Connect the attached adapter block/signal cable to the video output on your MAC.
- 4** Connect the plug from the AC-DC adapter into the connector on the display unit.
 - 1** Connect one end of the AC power cord into the AC-DC adapter.
 - 2** Plug the other end into a properly grounded three-prong AC outlet.
 - 3**
- 5** Power ON the PC, then the monitor.
- 6** If you see the **Check Signal Cable** message, check the signal cable and connectors.
- 7** After using the system, power OFF the monitor, then the PC.

Note : If you see the "Outside Range Limits" message, check to make sure your system is set to one of the factory preset modes.(see page A14)

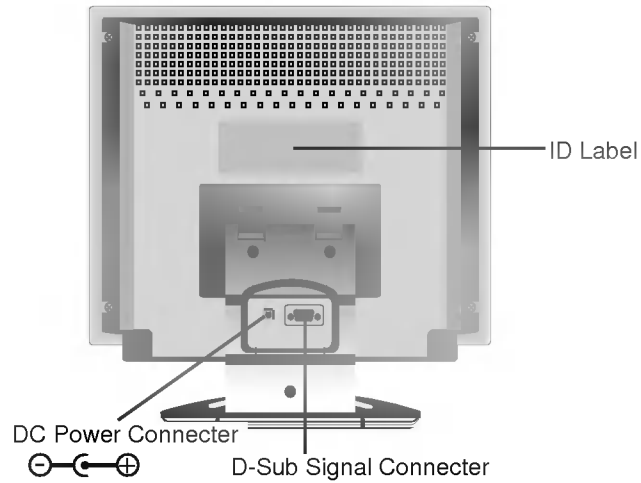


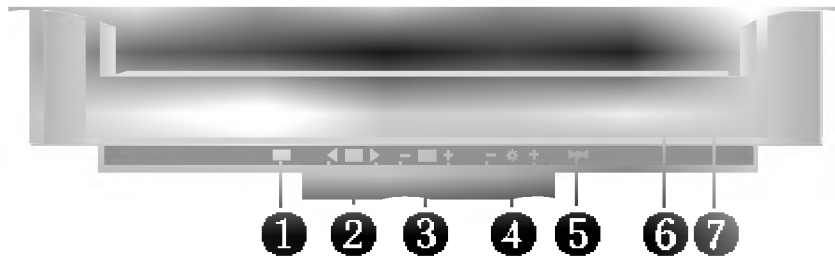
Location and Function of Controls

Front View

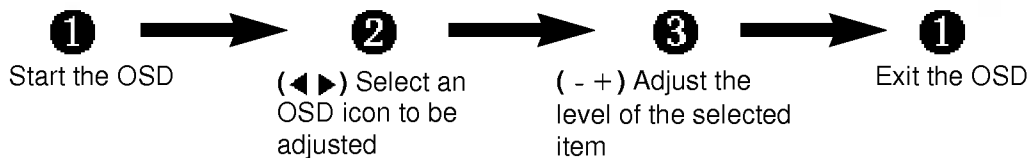


Rear View





On Screen Display(OSD) Control Adjustment



Control Panel Function

Buttons on the underside of the monitor allow you to adjust the 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.

- 1** **OSD ON/OFF Enter Button (≡)**
 Use this button to start and exit from the On Screen Display (OSD).
- 2** **OSD Selection Buttons (◀ ▶)**
 Use these buttons for selecting (highlighting) an OSD icon to be adjusted.
- 3** **OSD Adjustment Buttons (- +)**
 Use these buttons for adjusting the level of the selected item.
- 4** **Brightness Adjustment Buttons (☀)**
 Use these buttons for adjusting the brightness of screen.

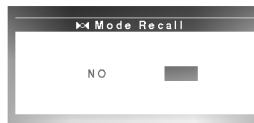


Control Panel Function

5 Mode Recall Button (▶◀)

If the monitor is operating in a factory preset mode, this control will reset the image to the factory preset mode.

If the monitor is operating in a user mode, this control has no effect.



6 Power Indicator (o)

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.








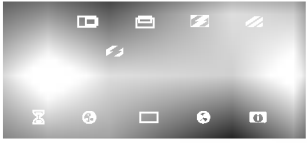

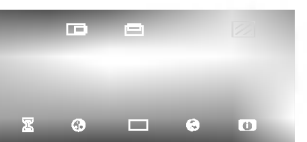
7 Power ON/OFF Enter Button (⏻)

This button is used to turn the monitor ON and OFF.




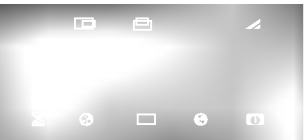
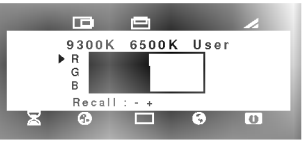


On Screen Display (OSD) Selection and Adjustment

You were introduced to the procedure of selection and adjusting an item using the OSD system.




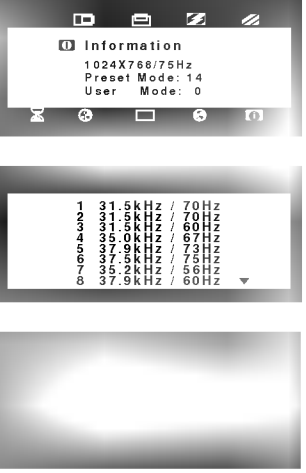
Listed below are the icons, icon names, and icon descriptions of the items that are shown on the Menu.

OSD Adjust	Description
 Contrast 	To adjust the display to the contrast desired.
 H Position 	To move picture image left and right. - Moves the screen image left. + Moves the screen image right.
 V Position 	To move image up and down. - Moves the screen image down. + Moves the screen image up.
 Clock 	To adjust the horizontal size of the image. - Decrease the horizontal size of the image. + Increase the horizontal size of the image.
 Clock Phase 	To adjust the focus of the display. This item allows you to remove any horizontal noise and clear or sharpen the image of characters.

On Screen Display (OSD) Selection and Adjustment

OSD Adjust	Description
<p> OSD Time</p> 	<p>To select OSD display duration time. (5 - 100 seconds)</p>
<p> Color Select</p>  	<p>To select color temperature, 9300K/ 6500K and USER.</p> <p>9300K : Slightly bluish white. 6500K : Warm-white tone, similar to white paper or daylight. This temperature is good for video-image display. This is the default setting for your monitor.</p> <p>Select the desired color temperature or select user to set your own color levels. To adjust USER, select the + button. Allow for specific adjustments to Red, Green, Blue (R/G/B) and (Color) Recall. Select the Recall to reset the color to the default setting.</p>
<p> OSD Position</p> 	<p>This item gives access to 2 elements : Horizontal position and Vertical position. Press the select button to select the desired item to change. To correct OSD image's Horizontal position and Vertical position.</p> <p>Horizontal position : To move image right and left. Vertical position : To move image up and down.</p>

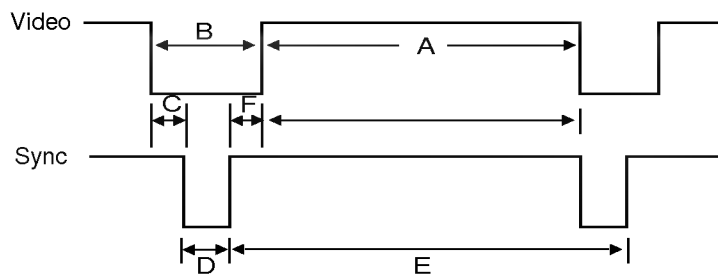
On Screen Display (OSD) Selection and Adjustment

OSD Adjust	Description
<p> Language Select</p> 	<p>To choose the language in which the control names are displayed. OSD Menus are available in five language : English, German, French, Spanish, and Italian.</p>
<p> Information</p> 	<p>To inform users of preset and user mode data.</p>

Video Memory Modes

The monitor has 18 memory locations for display modes, 14 of which are factory preset to popular video modes.

Factory Preset Timing Signal Chart



			Mode1	Mode2	Mode3	Mode4	Mode5	Mode6	Mode7	Symbol
H O R I Z O N T A L	Polarity		+	-	-	-	-	-	+	
	Frequency	kHz	31.468	31.468	31.469	35.00	37.861	37.50	35.156	
	Total Period	pixels	800	900	800	864	832	840	1024	E
	Data Period	pixels	640	720	640	640	640	640	800	A
	Blanking	pixels	160	180	160	224	192	200	224	B
	Front Porch	pixels	16	17	16	64	24	16	24	C
	Back Porch	pixels	48	55	48	96	128	120	128	F
V E R T I C A L	Polarity		-	+	-	-	-	-	+	
	Frequency	Hz	70	70	60	66.67	72.8	75.0	56.25	
	Total Period	lines	449	449	525	525	520	500	625	E
	Data Period	lines	350	400	480	480	480	480	600	A
	Blanking	lines	99	49	45	45	40	20	25	B
	Front Porch	lines	37	13	10	3	9	1	1	C
	Back Porch	lines	60	34	33	39	28	16	22	F
Resolution			640 × 350	720 × 400 (Text)	640 × 480	640 × 480	640 × 480	640 × 480	800 × 600	
Recall			YES	YES	YES	YES	YES	YES	YES	

Factory Preset Modes

		Mode8	Mode9	Mode10	Mode11	Mode12	Mode13	Mode14	Symbol	
H O R I Z O N T A L	Polarity	+	+	+	-	-	-	+		
	Frequency	kHz	37.879	48.077	46.875	49.725	48.363	56.476	60.023	
	Total Period	pixels	1056	1040	1056	1152	1344	1328	1312	E
	Data Period	pixels	800	800	800	832	1024	1024	1024	A
	Blanking	pixels	256	240	256	320	320	304	288	B
	Front Porch	pixels	40	56	16	32	24	24	16	C
	Pulse Width	pixels	128	120	80	64	136	136	96	D
	Back Porch	pixels	88	64	160	224	160	144	176	F
V E R T I C A L	Polarity	+	+	+	-	-	-	+		
	Frequency	Hz	60.3	72.188	75.0	74.55	60.0	70.0	75.0	
	Total Period	lines	628	666	625	667	806	806	800	E
	Data Period	lines	600	600	600	624	768	768	768	A
	Blanking	lines	28	66	25	43	38	38	32	B
	Front Porch	lines	1	37	1	1	3	3	1	C
	Pulse Width	lines	4	6	3	3	6	6	3	D
	Back Porch	lines	23	23	21	39	29	29	28	F
Resolution		800 × 600	800 × 600	800 × 600	832 × 624 (MAC)	1024 × 768	1024 × 768	1024 × 768		
Recall		YES	YES	YES	YES	YES	YES	YES		

Note : This LCD monitor has been pre-adjusted to the video mode of VESA 1024x768 @60Hz.

User Modes

Modes 15-18 are empty and can accept new video data. If the monitor detects a new video mode that has not been present before or is not one of the preset modes, it stores the new mode automatically in one of the empty modes starting with mode 15.

If you use the 4 blank modes and still have more new video modes, the monitor replaces the information in the user modes starting with mode 15.

Recalling Display Modes

When your monitor detects a mode it has seen before, it automatically recalls the image settings you may have made the last time you used that mode.

You may, however, manually force a recall of each of the 14 preset modes by pressing the Recall button. All preset modes are automatically recalled as the monitor senses the incoming signal.

The ability to recall the preset modes is dependent on the signal coming from your PC's video card or system. If this signal does not match any of the factory modes, the monitor automatically sets itself to display the image.

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 savings feature to operate, the monitor must be used with a PC having power saving circuitry. 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 amber, the monitor is in a power saving mode.

If the power indicator is amber, press the power button to turn on the monitor. If the power indicator is amber 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.

Power Consumption

Mode	H.Sync	V.Sync	Video	Power Consumption	LED Color
Normal(Max.)	On	On	Normal	≤ 40W	Green
Stand-by	Off	On	Off	≤ 5W	Amber
Suspend	On	Off	Off	≤ 5W	Amber
Power off	Off	Off	Off	≤ 5W	Amber

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 Signal Cable** will be highlighted, 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 DDC function; DDC2B carries 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 settings.

- NOTE :**
- PC must support DDC functions to do this.
 - Some older computer systems are not compatible with the DDC standard. If your monitor is displaying a monochrome image or the wrong resolution, you need to change to a DDC compatible VGA card.

Troubleshooting

Symptom : Any horizontal noise appearing in any image or characters are not clearly portraided.

Possible Causes :

- The input signal data has not been optimized for the current operating mode. (Adjust the CLOCK PHASE by using the OSD function.)

Symptom : **Check Signal Cable** message.

Possible causes :

- The signal cable is not connected.

Symptom : ■ **Outside Range Limits** message appears.

- Picture is blank.

Possible causes :

- The frequency of the sync input is outside the operating range of the monitor.

Horizontal Frequency: 31kHz-61kHz

Vertical Frequency: 56Hz-75Hz

- * Use the graphics board's utility software to change the frequency setting (Refer to the manual for graphics board).
- * You can change the setup to the supported resolution using the **Safety Mode** (Press the F8 key during booting the system.).

Symptom : The power LED is illuminated amber.

Possible causes :

- Display power management mode.
- There is no sync signal.
- The signal cable is not fastened securely.
- Check the computer power and graphics adapter configuration.

Symptom : The image on the SCREEN is not centered, too small, or too large.

Possible Causes:

- Image adjustment not been done yet in the current operating mode. Use the SELECT and - or + buttons to set the image to your liking (H/V Position, Clock).

Symptom : The monitor doesn't enter the power saving off mode (Amber).


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.

Symptom : During the adjustment of the vertical position, the screen image can suddenly disappear.

Possible Causes :

- Some input signal data not described in the manual may have this phenomenon because the image processor has limitations covering all the image process. (Adjust the vertical position again by using the OSD function.)

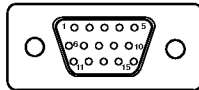
- 
1. Unplug the monitor from the wall outlet and refer servicing to qualified service personnel when:
 - The power cord or plug is damaged or frayed.
 - Liquid has been spilled into the monitor.
 - The monitor has been exposed to rain or water.
 - The monitor does not operate normally following the 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 when changing 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 manufacturer 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 type

Type	H. sync	V.sync
Separate sync	H. sync	V. sync

Signal Connector Pin Assignment



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

AC-DC Adapter

Input	AC 100-240V 50-60Hz 81-120VA 1.2A	
Out put	DC 24V 1.9A	
Manufacturer : AMBIT Microsystems Corporation		
Model : APA-45AA		

Use only the AC-DC adapter supplied with the monitor.

Specifications

Display	
Type	15.1inch (38.35cm) Flat Panel Active matrix-TFT LCD, Anti-Glare coating
Viewable Size	15.1inch (38.35cm)
Pixel pitch	0.3 x 0.3mm
True color	16.5million
Sync Input	
Horizontal Freq.	31kHz - 61kHz (Automatic)
Vertical Freq.	56Hz - 75Hz (Automatic)
Input form	Separate, TTL, Positive/Negative
Signal input	15 pin D-Sub connector
Video Input	
Display Area	307 x 230mm
Input Form	Separate, RGB Analog, 0.714Vp-p/75ohm, Positive
Resolution	XGA 1024 x 768/ 75Hz max
Power Input	DC 24V 1.2A
Dimensions (WxDxH)	15.95 x 7.18 x 14.24inch / 405.2 x 182.4 x 361.6mm
Weight (net)	5.6kg / 12.35lbs
Tilt Range	
Down	5°
Up	30°
Environment	
Operating condition	
Temperature	10°C to 35°C
Humidity	10% to 80% non-condensing
Storage condition	
Temperature	-20°C to 60°C
Humidity	5% to 95% non-condensing

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LG ELECTRONICS USA and CANADA LCD MONITOR LIMITED WARRANTY

LG Electronics, 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, U.S. Territories, and all Canadian Provinces .

WARRANTY PERIOD:			
<u>MODEL #</u>	<u>LABOR</u>	<u>PARTS</u>	<u>HOW SERVICE IS HANDLED</u>
500LC	3 YEARS	3 YEARS	Our warranty provides a 2-working day repair service after receiving at LG Electronics. Please retain your box to return the unit in for repair. For further instructions please see below.
<u>Please write in</u> <u>Serial #</u>		BACK LIGHT 1 YEAR	1st year freight both ways paid by LGE. 2nd & 3rd year customer pays one-way, LGE pays return freight.

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Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts; so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state or province to province.

THE ABOVE WARRANTY DOES NOT APPLY:

- To damages or problems which result from delivery or improper shipping.
- To damages or problems which result from misuse, abuse, accident, alteration, or incorrect electrical current or voltage.

Therefore, these costs are paid by the consumer.

CUSTOMER ASSISTANCE NUMBERS:

To prove warranty coverage: unit in for repair.	Retain your Sales Receipt to prove date of purchase and your box for shipping the Copy of your Sales Receipt must be submitted with the unit at the time warranty service is provided.
To obtain product, customer, or service assistance:	Call 1 (800) 243-0000 (Mon.-Fri..7AM to 7PM CST). Please select the appropriate option on the menu. Or see our web site at http://www.LGEservice.com

FOR SERVICE

You must call Product Assistance to confirm the product needs servicing and to obtain Return Authorization (RA). Call 1 (800) 243-0000 Mon. ~ Fri., 7AM to 7PM CST. Please select the appropriate option on the menu. During the first year of warranty, LGE will send you a return shipping label; thereafter, the customer must pay for freight in to LGE. After you obtain authorization for return, please box your unit with a copy of sales receipt and proper packing material to insure safe delivery of your product. When you receive the label, place it on the box and call the 800 number in the instruction for pick-up. Upon receipt, LGE will repair your unit in 2 working days and return to you via 2-day delivery service.