

On Screen Display(OSD) Selection and Adjustment

The following table indicates all the On Screen Display control, adjustment, and setting menus.

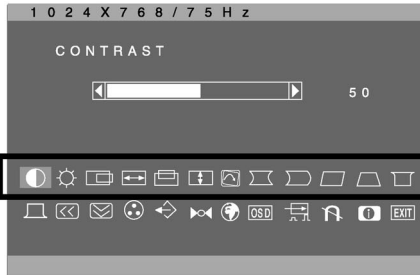
Icon	Main menu	Adjustable	Icon	Main menu	Adjustable	
	Contrast	●		Bottom Corner*	●	
	Brightness	●		H Moire	●	
	H Position	●		V Moire	●	
	H Size	●		COLOR	9300	●
	V Position	●		6500	●	
	V Size	●		K	●	
	Tilt*	●		R G B	●	
	Pincushion	●		Recall	●	
	Pin Balance	●		Reset	●	
	Parallelogram	●		Language	●	
	Trapezoid	●		OSD Time	●	
	Top Corner*	●		Video Level	●	
● : Adjustable				Degauss	●	
				Information	●	
				Exit*	●	

NOTE

- The order of icons may differ depending on the model (A9~A12).
- * This function is available for designated models only.

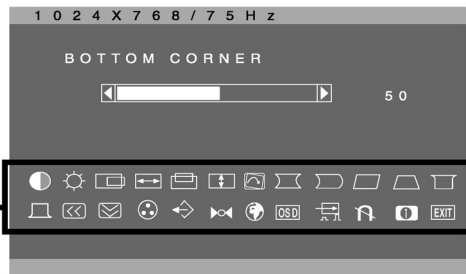
On Screen Display(OSD) Selection and Adjustment









You were introduced to the procedure of selecting and adjusting an item using the OSD system. Listed below are the icons, icon names, and icon descriptions of the all items shown on the Menu.



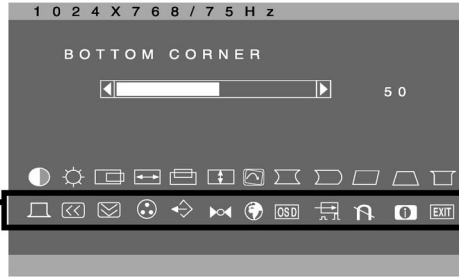
Icon	Sub menu	Description
 CONTRAST		To adjust the contrast of the screen.
 BRIGHTNESS		To adjust the brightness of the screen.
 H POSITION		To move image left and right.
 H SIZE		To adjust image width.
 V POSITION		To move image up and down.
 V SIZE		To adjust image height.
 TILT*		To correct image rotation. PAGE A9 →
 PINCUSHION		To correct a concave or convex bowing of the image.
 PIN BALANCE		To correct the balance of both sides bowing.
 PARALLELOGRAM		To correctly adjust the skew of the image.
 TRAPEZOID		To correct geometric distortion.








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Icon	Sub menu	Description
 TOP CORNER *		To correct an irregular distortion of the displayed image. PAGE A9
 BOTTOM CORNER *		To correct an irregular distortion of the displayed image. PAGE A9
 H MOIRE		This item allows you to reduce the degree of moire. (Moire is caused by interference Horizontal Scan Line with the periodical dot screen). It is normally OFF(H:0/V:0). The moire adjustments may affect the focus of the screen. Moire adjustments may shake slightly while the moire reduction function is on.
 V MOIRE		
 COLOR	9300	Slightly bluish white.
	6500	Slightly reddish white.
		Select the screen temperature which you prefer among reddish or bluish or any color in between.
		Set your own color levels.
 RECALL	<ul style="list-style-type: none"> • OK • CANCEL 	<p>You can use this function to reload the modified parameters for screen display operation, as specified by the user after purchase: Position, Size, Side Pincushion, Side Pincushion Balance, Parallelogram, Trapezoid, Top Corner, Bottom Corner (These recalled options may differ depending on the mode selected: Preset, User, or New).</p> <p>If you don't want to recall the monitor to these modified settings, use the ◀ ▶ button to select CANCEL and then press the SELECT button.</p>

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Icon	Sub menu	Description
 RESET	<ul style="list-style-type: none"> • OK • CANCEL 	<p>Return to all factory default settings except "LANGUAGE": Brightness, Contrast, Tilt, Color 9300, Video Level, OSD Time, Moire (These reset options may differ depending on the mode selected: Preset, User, or New).</p> <p>If you don't want to reset the monitor, use the ◀ ▶ button to select CANCEL and then press the SELECT button.</p>
 LANGUAGE		<p>To choose the language in which the control names are displayed.</p> <p>OSD Menus are available in 12 languages: English, German, French, Spanish, Italian, Swedish, Finnish, Portuguese, Korean, Chinese , Russian and Polish.</p>
 OSD TIME	<ul style="list-style-type: none"> • 5 • 10 • 20 • 30 • 60 	<p>Set the OSD time, i.e. the length of time a menu will remain on-screen before it shuts off automatically. Adjust the time to 5, 10, 20, 30 or 60 seconds.</p>
 VIDEO LEVEL	<ul style="list-style-type: none"> • 0.7V • 1.0V 	<p>This item is used to select the monitor's input signal level. The normal level used for most PCs is 0.7V. If the screen becomes suddenly washed-out or blurred, please select 1.0V and try again.</p>
 DEGAUSS		<p>To manually demagnetize the screen to avoid showing incorrect images or colors.</p>
 INFORMATION	<ul style="list-style-type: none"> •PRESET MODE •USER MODE 	<p>To inform users of preset and user mode data.</p>
 EXIT *		<p>To exit from current OSD menu.</p> <p style="text-align: right;">PAGE A9 ▶</p>

Check the following before calling for service.

No image appears	
<input type="checkbox"/> Is the power cord of the monitor connected?	<ul style="list-style-type: none">• Check and see if the power cord is connected properly to the power outlet.
<input type="checkbox"/> Is the power indicator light on?	<ul style="list-style-type: none">• Press the Power button.
<input type="checkbox"/> Is the power on and the power indicator green?	<ul style="list-style-type: none">• Adjust the brightness and the contrast.
<input type="checkbox"/> Is the power indicator flickering?	<ul style="list-style-type: none">• If the monitor is in power saving mode, try moving the mouse or pressing any key on the keyboard to bring up the screen.
<input type="checkbox"/> Do you see an "OUT OF FREQUENCY" message on the screen?	<ul style="list-style-type: none">• This message appears when the signal from the PC (video card) is out of horizontal or vertical frequency range of the monitor. See the 'Specifications' section of this manual and configure your monitor again.
<input type="checkbox"/> Do you see a "SELF DIAGNOSTICS" message on the screen?	<ul style="list-style-type: none">• This message appears when the signal cable between your PC and your monitor is not connected. Check the signal cable and try again.

The screen is flickering.	
<input type="checkbox"/> Is the vertical frequency less than 70Hz or is your monitor set to the interlaced mode?	<ul style="list-style-type: none">• Set the vertical frequency to 72Hz or higher, and consult the video card user manual for instructions on converting to a non-interlaced mode. (You can set this option under the Display icon of the Control Panel.)
<input type="checkbox"/> Do you have any magnetic material such as adapter, or high-voltage line near to your monitor?	<ul style="list-style-type: none">• Remove magnetic sources, such as power adapters, speakers, or high-voltage lines, away from the monitor.
<input type="checkbox"/> Do you hear a "~ding" sound while the monitor is flickering?	<ul style="list-style-type: none">• Use the normal degaussing function. This function clears the screen and reduces any screen blur that may occur due to the surrounding magnetic field. The screen may flicker for about 5 seconds, accompanied by a "~ding" sound.

The screen color is not normal.

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| <ul style="list-style-type: none"><input type="checkbox"/> Do you see basic discoloration (16 colors)?<input type="checkbox"/> Is the screen color unstable or monochrome?<input type="checkbox"/> Do you see black dots on the screen?
<input type="checkbox"/> Do you see a partial blurring on the screen? | <ul style="list-style-type: none">• Set the color depth to 256 colors or higher: use 'Control Panel' -> 'Display' -> 'Settings' -> 'Color Palette'• Check the connection of the signal cable. Or pull out the video card of the PC and insert it again.• This is due to a small amount of foreign or abnormally florescent material that became fastened on the mask during manufacturing. It will not affect product performance.• This happens due to interference from surrounding magnetic fields, as created when speakers, steel structures, or high-voltage lines are placed near the monitor. Remove any such materials from the immediate vicinity and use the DEGAUSS icon on the screen adjustment menu to fix the screen. |
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I see an after-image on the screen.

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| <ul style="list-style-type: none"><input type="checkbox"/> Do you see the after-image even when you turn off the monitor? | <ul style="list-style-type: none">• A premature aging of the monitor pixels may cause the prolonged display of a single image on the screen. Be sure to use a screen saver to maximize the service life of the monitor. |
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I see waves on the screen.

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| <ul style="list-style-type: none"><input type="checkbox"/> Do you see the wave directly on the screen? | <ul style="list-style-type: none">• This occurs in inverse proportion to the screen focus, which can be caused by a particular frequency or video card. Brighten the screen and use the 'MOIRE' icon on the screen adjustment menu to adjust the screen. |
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Have you installed the monitor driver?

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| <ul style="list-style-type: none"><input type="checkbox"/> Have you installed the monitor driver? | <ul style="list-style-type: none">• Be sure to install the monitor driver from the monitor driver CD (or diskette) that comes with your monitor. Or, you can also download the driver from our web site: http://www.lge.com. |
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Specifications

Picture Tube	17 inches (16.0 inches viewable) 90 degree deflection 0.25mm dot pitch ARAS(Anti-Reflective Anti-Static) coating	
Sync Input	Horizontal Freq.	30 - 98kHz (Automatic)
	Vertical Freq.	50 - 160Hz (Automatic)
	Input Form	Separate TTL, Positive/Negative
	Signal Input	15 pin D-Sub Connector
Video Input	Input Form	Separate, RGB Analog, 0.7Vp-p/75 ohm, Positive
Resolution	Max Flicker Free	VESA 1600 x 1200@75Hz
	Recommend	VESA 1280 x 1024@85Hz
Plug&Play	DDC 2B	
Power Consumption	On	≤ 75W
	Sleep	≤ 3W
	Off	≤ 2W
Dimensions & Weight (with tilt/ swivel stand)	Width	40.0 cm / 15.75 inches
	Height	40.1 cm / 15.79 inches
	Depth	41.0 cm / 16.18 inches
	Net	15.0 kg (33 lbs)
Power Input	Europe	AC 200-240V~ 50Hz 1.0A
	Others	AC 100-240V~ 50/60Hz 2.0A
	The products should be used according to the Power requirements of each ID LABEL.	
Environmental Conditions	Operating Conditions	
	Temperature	0°C to 40 °C
	Humidity	10 % to 90 % non-Condensing
	Storage Conditions	
	Temperature	-20°C to 60 °C
	Humidity	5 % to 90 % non-Condensing
Tilt/Swivel Stand	Attached(<input type="checkbox"/>), Detached (<input type="checkbox"/>)	
Signal cable	Attached(<input type="checkbox"/>), Detached (<input type="checkbox"/>)	
Power cord	Wall-outlet type or PC-outlet type	

NOTE

- Information in this document is subject to change without notice.

Preset Modes (Resolution)

Display Modes (Resolution)			Horizontal Freq. (kHz)	Vertical Freq. (Hz)
1	VESA	640 x 480	43.269	85
2	VESA	800 x 600	53.674	85
3	VESA	1024 x 768	68.677	85
4	VESA	1280 x 1024	91.146	85
5	VESA	1600 x 1200	93.750	75

