

1. Adjusting the screen resolution

Due to the nature of liquid crystal display (LCD) technology, the picture resolution is always fixed. For the best display performance, please set the display to its maximum resolution that is the same with the monitor aspect ratio. This is called “Native Resolution” or maximal resolution – that is, the clearest picture. Please refer to the table below for the native resolution of your LCD. Lower resolutions are displayed on a full screen through an interpolation circuit. Image blurring across pixel boundaries can occur with the interpolated resolution depending upon the image type and its initial resolution.

Model	Native Resolution
XL2410T	1920 X 1080



To find out the monitor aspect ratio of the purchased model, please check the Specification document on the provided CD.



To take full advantage of LCD technology you should select the native resolution setting of your PC screen as described below. Be aware that not all PC video cards provide this resolution value. If yours doesn't, check with the video card manufacturer's website for an updated driver for your particular model PC video card which supports this resolution. Software video drivers are often updated and available for new hardware video resolutions. If necessary, you may need to replace and update the PC video card hardware to be able to support the native resolution of the monitor.

1. Open **Display Properties** and select the **Settings** tab.
You can open **Display Properties** by right-clicking on the Windows desktop and selecting **Properties** from the pop-up menu.
2. Use the slider in the ‘Screen area’ section to adjust the screen resolution.
Select the recommended resolution (maximum resolution) then click **Apply**.



If you select some other resolution, be aware that this other resolution is interpolated and may not accurately display the screen image as well as it could do at the native resolution setting.

3. Click **OK** then **Yes**.
4. Close the **Display Properties** window.

If your input source does not provide an image which is the same with the monitor aspect ratio, the displayed image may appear stretched or distorted. To maintain the original aspect ratio, image scaling options can be found in the “Display Mode” adjustment. See the user manual for more information.

2. Adjusting the screen refresh rate

You don't have to choose the highest possible refresh rate on an LCD display, because it is not technically possible for an LCD display to flicker. The best results are obtained by using the factory modes already set in your computer. Check next chapter to see the factory modes: [Preset display mode on page 3](#).

1. Double click the **Display** icon in **Control Panel**.
2. From the **Display Properties** window, select the **Settings** tab and click the **Advanced** button.
3. Select the **Adapter** tab, and select an appropriate refresh rate to match one of the applicable factory modes as listed in the specification table.
4. Click **Change**, **OK**, then **Yes**.
5. Close the **Display Properties** window.

3. Preset display mode

Incoming display mode (Input timing)			
Model	XL2410T		
Resolution	1920 x 1080		
Input signal	VGA	DVI	HDMI
640x480@60Hz	v	v	v
640x480@75Hz	v	v	v
640x480@120Hz	v	v	v
720x400@70Hz	v	v	v
800x600@60Hz	v	v	v
800x600@75Hz	v	v	v
800x600@120Hz	v	v	v
832x624@75Hz	v	v	v
1024x768@60Hz	v	v	v
1024x768@75Hz	v	v	v
1024x768@120Hz	v	v	v
1152x870@75Hz	v	v	v
1280x800@59.81Hz	v	v	v
1280x720@60Hz	v	v	v
1280x1024@60Hz	v	v	v
1280x1024@75Hz	v	v	v
1440x900@60Hz	v	v	v
1680x1050@60Hz	v	v	v
1920x1080@60Hz	v	v	v
1920x1080@120Hz		v*	



- *3D content can only be played when the display is set to 1920 x 1080 @ 120Hz.
- To obtain the best image quality, refer to the above table to set the timing and the resolution of the input source.

Image disruption may occur as a result of signal frequency differences from graphic cards which do not correspond with the usual standard. This is not, however, an error. You may improve this situation by altering an automatic setting or by manually changing the phase setting and the pixel frequency from the “DISPLAY” menu.