Title:
Choosing The Right LCD Monitor

Word Count:
488

Summary:
Looking to replace your old CRT monitor? If so you might want to look at a LCD
monitor. Unlike CRT monitors, LCD monitors dissipate less heat, occupy less
space, are much lighter and cause less eye strain. However, the search for a new
LCD monitor can be a daunting one, especially for new customers who are
unfamiliar with LCD monitors and their features. Hence, in this article we will
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Keywords:
monitor, display, lcd

Article Body:
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unfamiliar with LCD monitors and their features. Hence, in this article we will
examine some points when choosing a LCD monitor.

Screen size
The screen size is dependent on your computer usage. If you are a casual web
surfer, or a small business owners than a screen size of 15″ to 17″ should be
ideal. These sized monitors are the most economical and offer all the benefits
of a LCD monitor. If however you are a student, graphic design or a multi-tasker
then you should consider getting a monitor with a screen size of 19″ or higher.

Monitor Resolution
A LCD monitor resolution, or the number of pixels that make up the actual screen
viewing area, is another important feature to consider when choosing a LCD
monitor. Most LCD monitors come with a standard resolution of 1280x1024 pixels,
this resolution should be adequate for most users. If however, you are a gamer
or use your computer to view movies, than you should consider getting a monitor

with at least 1680 x 1050 pixels in resolution.

Contrast Ratio
The contrast ratio or the rating of how distinguishable various shades of color
are on the screen, is another feature to consider. The higher the contrast ratio
of the screen, the better the color representation is by the monitor. LCD
monitors generally come in either an aspect ration of 16:9 (wide screen) or
15:9. Generally an aspect ratio of 16:9 is ideal for most users.

Viewing Angles
LCD monitors are also rated for their visible viewing angle for both the
horizontal and vertical axis. This rating is the angle to the arc of a
semicircle whose center is at the perpendicular to the screen. The default
viewing angle is adequate for most users, unless you require a higher privacy in
which case you would pick a monitor with a viewing angle close to 90 degrees.

Luminance
The LCD monitor luminance or the measure of how much light can the monitor
produce is another important feature to consider. For the casual web surfer, or
the small business owner a LCD monitor with an output of 200 to 250 nits is
ideal, however 500 nits or higher is recommended for users who view TV and
movies on their monitor.

Response Time
The LCD Response times refer to the amount of time it takes for the crystals in
the LCD monitor to turn on and off. The lower the response time, the less of a
blurring effect there will be on the screen. For the casual web surfer, or the
small business owner a LCD monitor with 8 ms latency is deal, however 4ms or
less is recommended for gaming users.