

## Re: How to find HorizSync / VertRefresh rates?

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*Source:* <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2007-04/msg02232.html>

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- *From:* "Victor Engmark" <[victor.engmark@xxxxxxxx](mailto:victor.engmark@xxxxxxxx)>
  - *Date:* Mon, 30 Apr 2007 20:33:03 +0200
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On 4/30/07, J65nko <[j65nko@xxxxxxxx](mailto:j65nko@xxxxxxxx)> wrote:

On 4/30/07, Victor Engmark <[victor.engmark@xxxxxxxx](mailto:victor.engmark@xxxxxxxx)> wrote:

> I'm trying to create a pristine xorg.conf, but I've been unable to  
> find proper values for HorizSync and VertRefresh for my Dell Latitude  
> D610.

>

> I've tried the values presented in MonitorsDB

> <

<http://sources.gentoo.org/viewcvs.py/gentoo/src/hwdata/MonitorsDB?view=markup>

>

> for "Dell 1400x1050 Laptop Display Panel", which are HorizSync

> 31.5-90.0 and VertRefresh 59.0-75.0, but I get a warning in

> /var/log/Xorg.0.log for both of them saying they are "not within DDC

> ranges."

[snip]

> (WW) I810(0): config file hsync range 60-66.3158kHz not within DDC hsync  
ranges.

[snip]

>

> It seems that a DDC (or, apparently, DDS) query should be able to

> determine these numbers, but

[snip]

I don't understand why people still configure X the old ancient way.

Follow the FBSD handbook to do a 'Xorg -configure' and a test run of  
X with the generated Xorg.conf file.

I did.

Then have a look at your your '/var/log/Xorg.0.log'. You will find a

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log of X using DDC to interrogate your LCD screen for it's capabilities and the acceptable modelines

Nope. Already tried that, and the capabilities were /not/ listed in the log, the way it was described in several tutorials.

<rant>This is starting to look like one of the most common problems in F/OSS: Theory != Practice. In theory, any one of the methods already tried and suggested here should work. In practice, the "documentation" (MonitorsDB) is wrong (at least according to x.org), and none of the quoted methods work the way they should. An interesting result is that there are several fundamentally different tutorials for several closely related \*nixes, all of which work only on a small subset of installations.</rant>

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Victor Engmark

Quidquid latine dictum sit, altum videtur – What is said in Latin, sounds profound

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