

Re: Sharp LL- T17A4-B lcd Monitor

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- *From:* "hr(bob) hofmann@xxxxxxx" <hrhofmann@xxxxxxx>
 - *Date:* Sat, 14 Jun 2008 21:05:34 -0700 (PDT)
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On Jun 14, 12:42 pm, jakdedert <jakded...@xxxxxxxxxxxxxx> wrote:

jakdedert wrote:

jakdedert wrote:

Bought from the 'E' place for cheap. Reported symptom:
video comes on
and fades out. Figured it was high ESR smps caps.

Actual symptom: backlight comes on, image consist of
random horizontal
lines, which eventually--after some intermittent vertical
scrolling--settle into a very nice image. Takes like two
minutes to
warm up. Shutting the monitor down for some unknown
time starts the
process all over again. Continuous viewing yields a stable
image with
good resolution, brightness and linearity. Shutting down for
short
periods is not problematic.

There is only one HV (100 @ 400v) cap in the ps. ESR is
.46, which I
assume is within tolerance. Other caps in the ps also seem
fine.

This presents so like a classic cap issue (needs to warm up),
that I'm
going to next pull the video board and check caps
there...possibly get
some freeze spray and see if I can duplicate symptoms that

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way.

Reality check: any problem with the above procedure, or experience with this particular monitor? Any suggestions as to where to go if the above doesn't produce a dx and fix?

Thanks as always,

jak

So far, no luck. ESRd all caps on video board. All good. Bad news is that monitor rarely straightens up anymore. I got it to display correctly only once this evening, so no chance of trying to reproduce symptom via freezing components. Power supply voltages appear nominal and clean. No effect from flexing components. Reseated all cables on the video board.....

It looks like the horizontal rows are not being addressed, as the current display is a series of fine vertical lines of whatever color is predominant in that area of the display. Still some strange horizontal scrolling effects when first powered, but they only last a few seconds...two or three horizontal bars scroll down the screen, then disappear.

Any help here? Is this toast [beyond my ability to fix...]? My scope (20 mHz) is not fast enough to look at the video timing....

jak

Has this one gotten everyone as stumped as it has me?

After three days of occasional attention, the symptoms still present as before. I occasionally see the beginnings of a legible image, with bits of recognizable video scrolling down the screen. Usually these break

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back up into a screen full of vertical lines again; but occasionally I'll get an 'almost' image first.

Some help, even if it's just commiseration, would be appreciated. So far, not a single reply.....

jak- Hide quoted text -

- Show quoted text -

With a fixed video input signal, you should be able to figure out what signals should be present on the leads to the LCD. A giant X painted on a board and captured with a camcorder or regular point and shoot camera connected to the video input of the monitor would give you a starting point. Do you have a schematic?

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