

# Re: ACER 1916B LCD Monitor won't start when cold

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- *From:* "James Sweet" <[jamessweet@xxxxxxxxxxx](mailto:jamessweet@xxxxxxxxxxx)>
  - *Date:* Tue, 01 Apr 2008 02:41:56 GMT
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"Tim" <[tim@xxxxxxx](mailto:tim@xxxxxxx)> wrote in message  
[news:MPG.225b5afdceee8a5b9896e8@xxxxxxxxxxxxxxxxxxxxxx](mailto:news:MPG.225b5afdceee8a5b9896e8@xxxxxxxxxxxxxxxxxxxxxx)

In article <[cScIj.1006\\$at6.868@trndny01](mailto:cScIj.1006$at6.868@trndny01)>, [jamessweet@xxxxxxxxxxx](mailto:jamessweet@xxxxxxxxxxx) says...

"Tim" <[tim@xxxxxxx](mailto:tim@xxxxxxx)> wrote in message  
[news:MPG.225b3030de70bc7d9896e7@xxxxxxxxxxxxxxxxxxxxxx](mailto:news:MPG.225b3030de70bc7d9896e7@xxxxxxxxxxxxxxxxxxxxxx)

It seems this 19" LCD won't start up when it is cold. If you leave it for a bit then it will eventually start up. The customer reported that it had a swimming effect, but I did not see that happening. I did notice that the backlight seemed to dim and brighten on it's own once in a while.

I'm assuming that the CCFL tubes or the inverter are the cause of the dimming, but the startup problem is weird. The screen blinks the LED and you hear a high voltage like squeak and the lcd flashes bands momentarily, but no pic or menu is displayed. After it gets warmed up, it will run for days without incident.

I really hate to throw this one out without trying to solve it's problems. It's a 2005 model.

Any ideas out there?

Re: ACER 1916B LCD Monitor won't start when cold

– Tim –

First thing I'd check is electrolytic capacitors in the power supply and throughout the rest of the monitor. Cold faults are the classic symptom of bad capacitors, I wouldn't be surprised if you find some of them bulging or leaking onto the PCBs.

Well I got the monitor opened up, and I found 5 jiffy popped electrolytics, all on the PS board, and all the same value (470uf @ 25V, made by CapXon). All the other caps look excellent. I'll replace those puppies, and let you know the outcome. I think I'll try to put in some with a bit higher voltage, if I can find some that will fit into the enclosure.

Thanks for the heads up,

– Tim –

Same voltage should be fine, those caps likely came from the infamous electrolyte scandal of a few years back. Make sure you scrub off the goo.