

## Re: Pioneer sx-727 radio dead

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- *From:* Jamie <[jamie\\_kallpa\\_not\\_valid\\_after\\_kallpa\\_@xxxxxxxxxxx](mailto:jamie_kallpa_not_valid_after_kallpa_@xxxxxxxxxxx)>
  - *Date:* Sat, 31 May 2008 16:07:15 -0400
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tx7123@xxxxxxxx wrote:

Well just when I thought everything was fixed...  
The receiver had worked flawlessly for over 3 weeks.  
Then suddenly today the radio went dead again.  
I took it apart and this time reheated one of the solder joints on the questionable transistor (d313e).  
Anyway everything is back together and working.  
Hopefully this will permanently fix the problem.  
The plastic tabs that hold the board in place are disintegrating.  
Anybody know where I can get similar tabs?  
Thnaks.

On May 10, 6:11 pm, tx7...@xxxxxxxx wrote:

On May 3, 5:19 pm, "Mark D. Zacharias" <[mzachar...@xxxxxxxxxxx](mailto:mzachar...@xxxxxxxxxxx)> wrote:

<tx7...@xxxxxxxx> wrote in message

[news:92dc789c-7188-460c-aed3-e3df24b80df4@xx](mailto:news:92dc789c-7188-460c-aed3-e3df24b80df4@xx)  
I have left the case open, and have the thing sitting on a shelf vertically.  
It worked flawlessly for about 3 days, then spontaneouslt  
theradio  
went dead again.  
I ever so gently tapped the heatsink that this transistor is on,  
and



Re: Pioneer sx-727 radio dead

fine.

The small board in question is AWR-011A, which according to the schematic is the power supply unit. I would think that if this was the problem it would effect everything, not just the radio. Anyway I will run it for awhile with the case open, and see if the problem recurs.

On Apr 26, 11:50 am, "Bob Shuman"  
<no\_spam\_...@xxxxxxxxxxxxxx> wrote:

Sounds like something is intermittent in the radio section (assumes amplifier/auxiliary input/tape/etc. all are still working fine). I'd start by looking for cold/broken solder connections under a magnifying glass. Or alternatively, if that does not work and you can get at the board safely while the unit is powered up, you can try pushing at various points with a wooden dowel or similar non-conductive item. This may help you isolate the area to take a closer look.

If these do not help, then you'll either need a schematic, a volt meter, a scope, and some troubleshooting skills to check the power supply



Re: Pioneer sx-727 radio dead

theradiowill  
spontaneously  
work for a  
while,  
and then  
return to  
this dead  
mode.  
All the  
other inputs  
cd, turntable  
work fine.  
Any ideas  
what the  
problem  
might be?  
Thanks.–  
Hide quoted  
text –

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quoted text –

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Just resolder the transistor. You will see that the solder  
connections there  
have ring cracks from age and heating / cooling over the  
course of time.  
Common problem.

Mark Z.– Hide quoted text –

– Show quoted text –

Hi ,

I decided to lift the board and look at the solder for the device  
sanyo 313e.  
Before I could do anything the V shaped metal (heatsink?) attached to

Re: Pioneer sx-727 radio dead

the device just fell off. The plastic screw holding it had just cracked in half.

There also is a thin piece of plastic between the device and the heatsink.

I'm assuming that they do want the device to touch the metal.

I could not find a another plastic screw, so I use a metal one with an

insulating washer. I hope that is ok. Why does the device need to be insulated from the metal heatsink. Is it strictly pecautionary, in case

the heatsink comes in contact with something else. Would it be ok to put some cpu grease between the device and the plastic insulator?

Anyway after all this the solder looked ok, so I did not resolder.

I wonder if my problem all along was that the heatsink was just hanging on by a thread.

Anyway it seems to work ok. I'll run it for a while with the case open

as a precaution.

Thanks– Hide quoted text –

– Show quoted text –

You mean nylon stand offs?

places like Mouser, Digikey etc.. have hard things like that.

—

"I'd rather have a bottle in front of me than a frontal lobotomy"

"Daily Thought:

SOME PEOPLE ARE LIKE SLINKIES. NOT REALLY GOOD FOR ANYTHING BUT THEY BRING A SMILE TO YOUR FACE WHEN PUSHED DOWN THE STAIRS.

[http://webpages.charter.net/jamie\\_5](http://webpages.charter.net/jamie_5)

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