

Re: Sony Home Cinema Amp STR KSL5 problem

Source: <http://sci.tech--archive.net/Archive/sci.electronics.repair/2006-01/msg01488.html>

- *From:* "Ray L. Volts" <raylvolts@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 20 Jan 2006 11:13:48 GMT
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"Ray L. Volts" <raylvolts@xxxxxxxxxxxxxxxxxxxxxx> wrote in message
[news:6v3Af.18398\\$g.13135@xxxxxxxxxxxx](mailto:news:6v3Af.18398$g.13135@xxxxxxxxxxxx)

>

> "Davy H" <dave@xxxxxxxx> wrote in message

> news:1137752419.388128.54630@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

>>I have a SONY a home Cinema system (STR KSL5) which after about 2 mins
>> shuts down with the word PROTECT in the display screen. I have checked
>> all the speaker outputs and they are fine, no shorts. I have removed
>> all the speakers and the same problem occurs. The fan works so doesn't
>> seem to be an overheating problem. This PROTECT fault occurs even when
>> the volume is turned right down therefore not driving the amp. Anyone
>> have any ideas what might cause this fault? and how to rectify it?

>>

>> Thanks

>>

>> Davy H

>>

>

> Sounds like an overheating (i.e., thermal intermittent) prob to me if it's
> shutting down after 2 mins. That the fan is functioning doesn't preclude
> a thermal defect in one or more components.

>

> Get a can of component chiller (Freeze-It, et al) and spray each component
> in the amp chain, beginning with the higher-current devices at the final
> output stages. Allow the chilled part to warm up before proceeding to the
> next one.

>

This is what I get for usenetting when I'm barely awake. Obviously, if the protection circuit has shut down the final stages, they won't warm up again until the thermal fault is corrected, as power is likely not being applied to them. You may have to give blanket coverage to several components at once to bring the unit out of shutdown. Once you've determined the general area at fault, you can hone in on the specific part(s) that is/are causing the problem.

- **Follow-Ups:**

- ◆ **Re: Sony Home Cinema Amp STR KSL5 problem**
◇ From: Arfa Daily

- **References:**

- ◆ **Sony Home Cinema Amp STR KSL5 problem**
◇ From: Davy H
- ◆ **Re: Sony Home Cinema Amp STR KSL5 problem**
◇ From: Ray L. Volts

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