

---

---

## MODIFICATION

---

---

### ***PROBLEM:***

In stereo mode the unit produces some noise on the surround channels.

---

### ***CAUSE:***

Interference on cables that are too long, as well as a few grounding problems.

---

### ***SOLUTION:***

#### **AC3 PCB Changes (Fig 1)**

- Connect U109 pin 5 & U103 pin 6 with a wire jumper.
- Delete L105.
- Add a solder bridge on J605.
- Remove solder bridge J606.
- Cut the shield connection at J604B.

#### **SURROUND AMP Changes (Fig 2)**

- Join J830 & J845 with a wire jumper. Solder a wire at the centre of this jumper and take it to J514A on the front channel PCB.
- Add wire jumper between J885A & the ground plane of the AC3 PCB located at the top right hand side adjacent to the text label "35 CS4926RESET".
- Shorten cable W2 between J604B and J602A on the Multichannel PCB and route it over the heatsink.

#### **MULTICHANNEL PCB Changes (Fig 3)**

- Add a wire between M611A & J514A on the Front AMP PCB, located next to J603B.

#### **FRONT CHANNEL PCB (Fig 4 a+b)**

- Locate the text label "94V-0" on the component side of the PCB, top left hand side. Remove the solder bridge located immediately behind this on the solder side.

Please refer to the attached pages for the appropriate drawings.

It's advisable to perform this modification whenever a unit comes in for service.

---

### ***PRODUCTION:***

This modification is implemented in production from Serial no. G05T76006563