

ZED-R16 FireWire bus ground connection check procedure.

During the manufacturing process of ZED-R16, two 0R link resistors were omitted from a batch of FireWire circuit board assemblies. These links join the FireWire bus ground to the circuit ground and, if missing, there is a chance of intermittent connection between ZED-R16 and the FireWire host machine, resulting in audio dropouts.

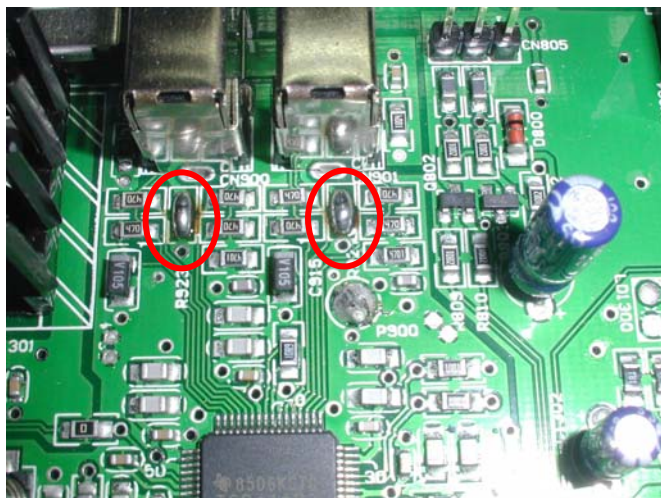
The procedure to check to check if these resistors are missing is as follows:

- 1) Disconnect all cables from ZED-R16 & turn upside down.
- 2) Remove all the screws from the base panel (T10 head) and carefully remove the base.
- 3) Inspect the FireWire PCB AG7073 to see if R923 & R924 are fitted or not (Picture 1), if not then they can be either fitted or the pads can be solder blobbed together (Picture 2)
- 4) Also check that the two green wires are fitted to the FireWire board, one to P900 and one to P1310 (SGND), if these are not present please fit. (Picture 3, 4 and 5)

Picture 1.



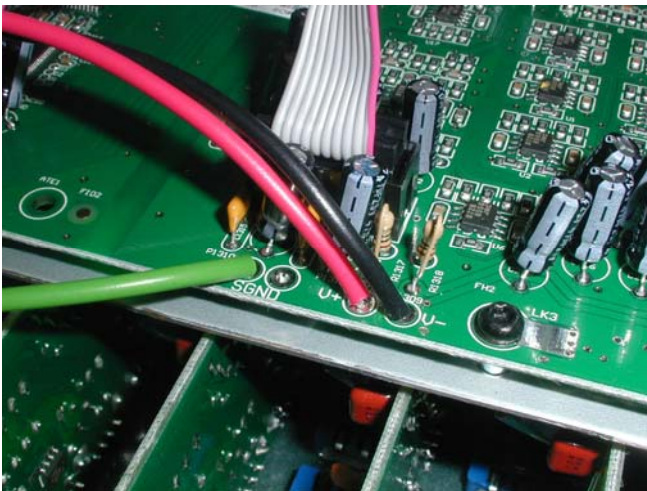
Picture 2



Picture 3



Picture 4



Picture 5

