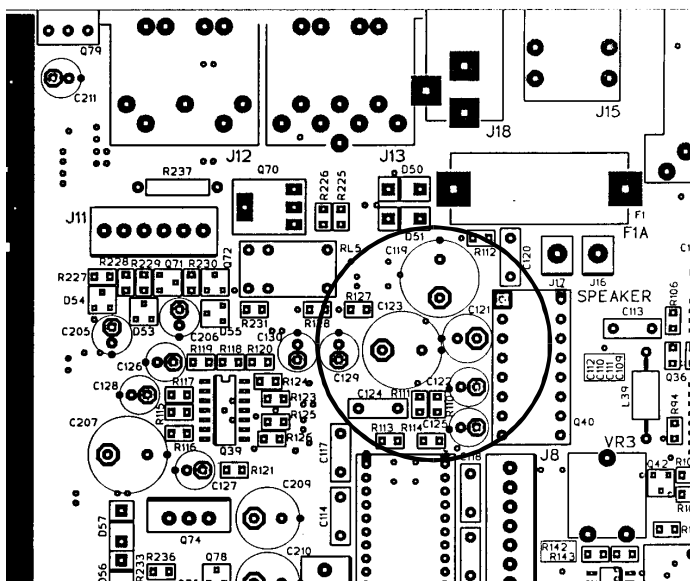
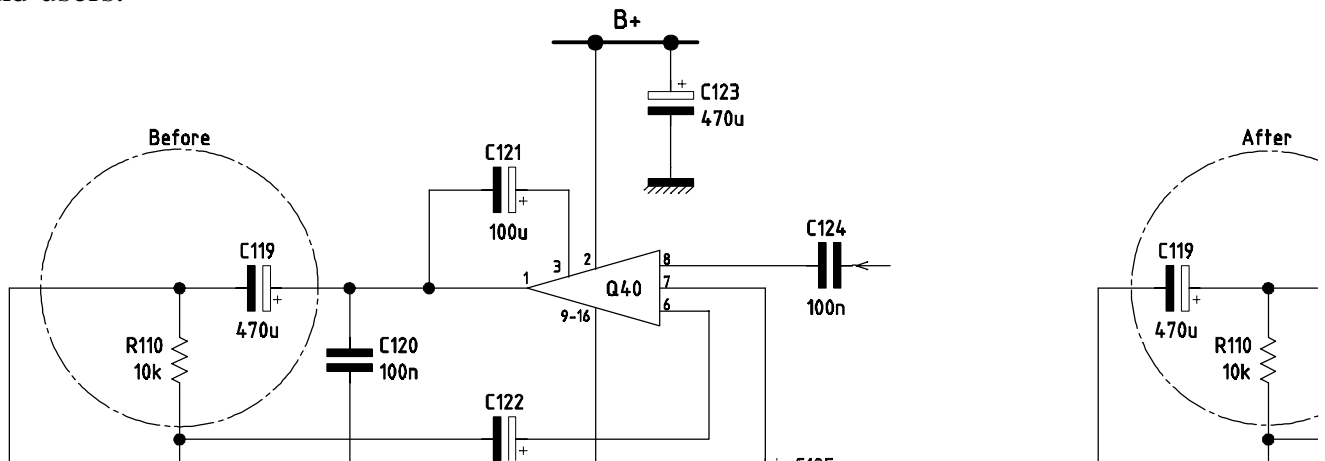


AR7030 technical bulletin 004

Audio Output Instability

It has been found that when using certain high quality external "Hi Fi" speakers there is a possibility that the audio stage may become unstable and oscillate at a very low frequency, typically < 10Hz.

The cure for this is very simple and will now be fitted to all units manufactured after March 1997. Prior to this date the modification need only be carried out on a case by case basis, to date we have had only two reports of this problem from end users.



The modification involves the repositioning of C119 and R110 in the audio amplifier output feed as shown in the diagrams above.

In practice the modification is carried out simply by removing the SMD resistor R110 and repositioning it using a conventional component on the underside of the board. Connect the new resistor between the +ve leg of C119 and the -ve leg of

C122. The components are located near the fuse in the left hand corner of the set as shown in the PCB layout alongside.

End.