

KENWOOD

ASB-1007

Service Bulletin

Amateur Radio Division

Subject: TS-950SDX Speech Processor

Date: January 25, 1993

Symptom:

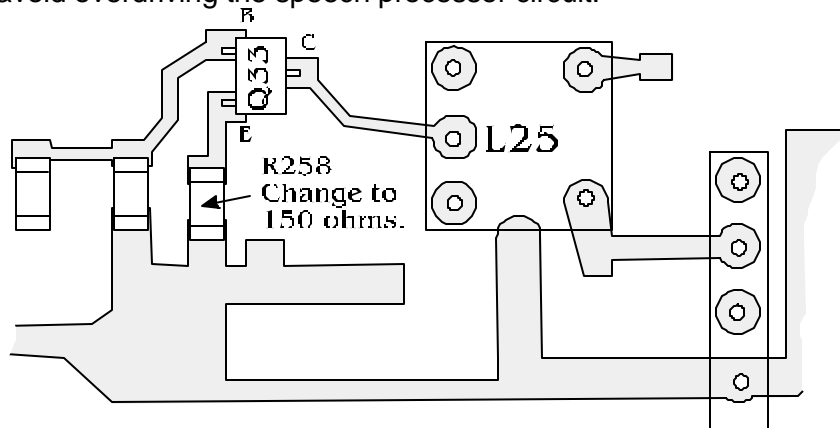
Reports of low **COMP** meter sensitivity, or noise on the transmitted audio when using the speech processor is normally a result of misadjustment of the **PROC IN** control. This control is very sensitive and is difficult to adjust properly.

Parts Required:

150 ohm chip resistor _____ Kenwood Part No: RK73FB2A151J

Procedure:

Change the value of R258 in the SIG Unit (X57-4130-00) from 68 ohms to 150 ohms. This will increase the available adjustment range of the **PROC IN** control. This will make it much easier to properly adjust the control and thus avoid overdriving the speech processor circuit.



**Signal Unit (X57-4130-00)
Foil Side View**

Caution: This modification requires soldering equipment rated for CMOS type circuits. It also requires familiarity with surface mount soldering techniques. If you do not have the proper equipment or knowledge do not attempt this modification yourself. Seek qualified assistance.
Time required for this modification is 30 minutes or less.