

SERVICE BULLETIN AMATEUR RADIO

SUBJECT TS-950SD LOW VS-2 AUDIO	DATE 01/12/90
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Early TS-950S Digital transceivers will not produce sufficient audio from the optional VS-2 voice synthesizer. The following modification will correct this condition.

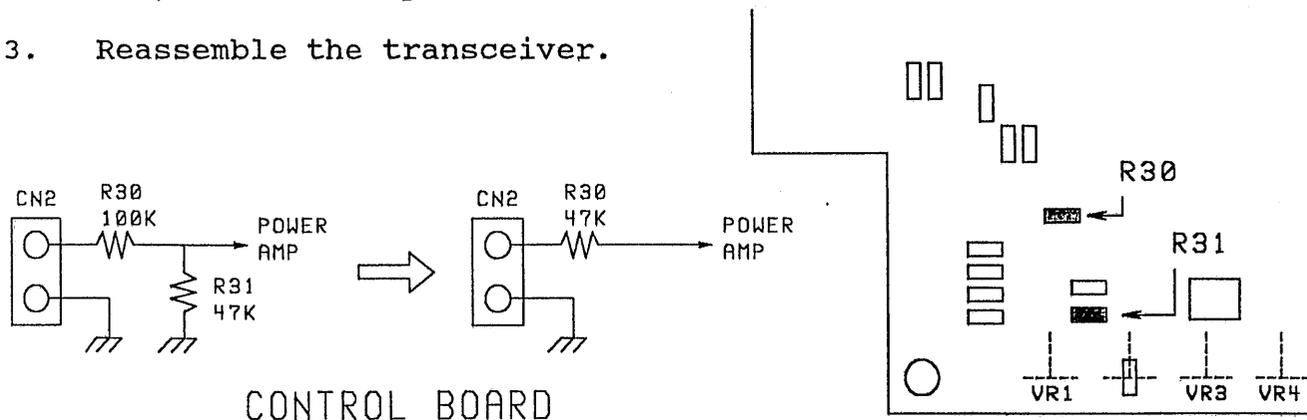
NOTE: This modification has already been performed on models starting with serial number 103XXXX.

REQUIRED PART: 47K OHM CHIP RESISTOR PART # RK73FB2A473J

1. Disconnect the power cord and antenna.
2. Remove the top and bottom covers (18 screws).
3. Remove the top screw from each side of the front panel assembly.
4. Loosen the bottom screw on each side of the front panel assembly.
5. Pull the front panel assembly forward to expose the Digital and Control boards.
6. Remove the two screws that secure Control board B/3 to the top of the chassis and swing the board out of the way.
7. Remove the 4 screws from Control board A/3 and rotate the board down.

THIS WORK WILL BE DONE ON THE FOIL SIDE OF CONTROL BOARD A/3.

1. Desolder and discard chip resistors R30 and R31.
2. Install a 47K ohm chip resistor in place of R30. Do not use R31 (47K ohm) in the R30 position. Use a new resistor.
3. Reassemble the transceiver.



CONTROL BOARD

This modification is covered under the 1 year warranty.

Time required to perform the modification is 1 hr or less. (C)010390EWP