

KENWOOD

ASB-1016

Service Bulletin

Amateur Radio Division

Subject: TS-950 Hum with Monitor ON

Date: May 12, 1993

Symptom:

On early versions of the TS-950 series (below Serial Number 1060XXX) a hum might be heard when the MONI function is active and headphones are connected to the PHONE jack. No hum is experienced when the MONI circuit is OFF.

Cause:

This noise can only be found in the monitor circuit itself and not on the transmitted signal. We have found that the VCO shield cover for the PLL unit might be contacting the shield plate for the filter unit. This physical contact can allow a slight amount of vibration to be felt in the sub-receiver section. This vibration, combined with too much gain in the sub-receiver section contributes to the hum.

Parts Required:

Qty	Description	Kenwood Part No.	Circuit Description
4	Low profile PLL Unit cover screws	N35-2640-05	NA

Procedure:

1. On the IF Unit (X48-3060-00) adjust VR-1 to the point the audio output just decreases when the MONI circuit is activated.
2. Replace the screws on the VCO Unit shield case with the new low profile screws.