

Kenwood R-1000 "39.545 Mhz" Display Repair

After years of operation the Kenwood R-1000 can suffer a fixed 39.545 Mhz display and/or a dead/intermittent radio/display. First place is to check and re-solder joints at Q201 and Q203 on the small power supply / PLL board on the underside of the chassis. This is where connector # 12 is located. The two TO-220 devices mounted on the large heat sink and the PC board solder connections can work loose after many hot / cold cycles. Also be sure and re-solder / touch-up all of the solder joints involving connector # 12 and the 4-power rectifier as well as these can cause for bad connections too (might as well re-solder the entire board).

Especially with pins one and two (on connector # 12) as these are 5 volt pins closest to the HOT heat sink. They may look OK, but in many cases are not (remove plug and re-flow this sockets PC Board connections with plenty of flux / new solder being careful NOT to overheat it). In extreme cases all of the electrolytic capacitors, Q201 and/or Q203 and/or the 4 power rectifiers may need replacement on this PC board (but this is extremely rare). Dave N9EWO

I will NOT be held responsible for any info that is listed here
ALL DONE AT YOUR OWN RISK !

