



Technical Note TN-579
**Modification to the
T2000-A50/A51 Hands Free Kit.**

14 June, 1999

Applicability

Only applies to the T2000-A50/A51 Hands Free Kit for the T2000 radios.

Explanation

Some customers had complained that there was too much background noise on a transmission via the hands free kit. The following information contains modifications that can be made to the T2000-A50/A51 PCB to reduce the unwanted noise.

Information

It was discovered that there was noise getting on to the 4V half rail supply. The solution was to increase the value of one of the filtering electrolytic capacitors on the half rail line.

Please change the following component:

C28 from a 4.7 μ f to a 100 μ f.

Any T2000-A50/ A51 kit that leaves the factory from this date on will have this modification already implemented.

C.S.O's:

Please inform dealers and customers of this information at your discretion.

Issuing authority

**Name and position
of issuing officer**

Barry Crates
Mobile Radio Customer Support Engineer