

Processor Care

From Ten Tec Reflector June 19, 1997

After a exchange of e-mail with Dale, KG5U, I decided to post this short note as he'd queried me direct about what causes processor death in the 2591, TT920, and AT920 handheld Ten-Tec VHF transceivers. As noted before, the main processor chip for these rigs is no longer available and cannot be replaced should one quit operating.

According to our service department, the main cause of processor death is application of 12 or 13.8 VDC to the transceiver. The battery pack and DC input for these rigs are 9 VDC, and higher voltages will eventually take the processor chip out. These older rigs show up at hamfests without a manual, new owner sees DC input, puts 12V on it, voila - dead radio.

A lesser warning is to leave the power turned off when clipping the NiCd battery pack on (as noted in an addendum to the original manual).

Thank you !

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