



A Subsidiary of COMPUTER MEASUREMENTS, INC.

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WHY THE CX7A IS SO SUPERIOR TO CX7

After a complete analysis of a late model CX7, the modifications listed below were made to the unit. The modified units were placed in the field in the hands of dependable operators who have really beat the devil out of them. For instance, SM5SB KARL has logged over 1800 hours in a short period of time with no problems. The others are well over 1000 hours. This is a good indication that the modifications are doing the job. In addition, the audio reports both with and without RF clipping has been reported as "beautiful". Here is what has been done to produce such good results:

1. The power supply has been protected to eliminate transient and surge problems which have heretofore wiped out sensitive ST components.
2. The audio pass band in both transmit and receive has been broadened to enhance the lower frequency response.
3. Vox turnon has been changed to cure the syllable clipping problem old owners have complained about.
4. TVI and spurious outputs have reduced by changes to the RF driver circuitry.

Since the field tests reflected such excellent results, it was decided to incorporate these changes, along with ECI's latest changes and designate the new radio as the CX7A. No doubt this combination of knowhow has resulted in a high performance radio with the type of reliability you would expect in equipment of this type, therefore it was the way CMI decided to go.

So you boys who have been sitting on the fence operating the tube jobs designed back in the 50 and 60's, now is the time to change with assurance you are taking a step in the right direction.