

alignment with age. But overall SW-performance is as good as one can hope for in a portable. SSB signals come in very clear, the audio is crisp and the station can be tuned easily with the vernier.

## Collectors' item

The unusual circuit makes do-it-yourself repairs rather dubious. If you buy one at a ham-fest, by all means ask for the service manual. Luckily, standard parts are used throughout, and the set is easy to disassemble.

Operation is tricky, and even after some years of ownership you have to pay full and undivided attention to the tuning procedure. Newer radios may not have this fantastic simplicity, but they are easier to handle and provide at least some of the conveniences that are utterly absent in this design. On performance this portable

is hard to beat. We know of quite a few owners who take out their XCR-30s on quiet evenings and show the new generation of digital/PLL/IC receivers what was possible back in 1970.

## Notes

The performance can be improved considerably by substituting better filters. Standard ceramic units from Murata are used, so replacements are easy to obtain. The last IF-stage operates at 455 kHz.

We also checked out a modified version with three selectivity choices. This model was exceptionally adaptable to SSB/CW listening while retaining a high degree of sensitivity. Other suggested modifications are: built-in scale illumination, coaxial antenna input, antenna matching for LW/MW, AF input and output, and continuous RF-gain control.

+ IMPROVED AUDIO CIRCUIT.