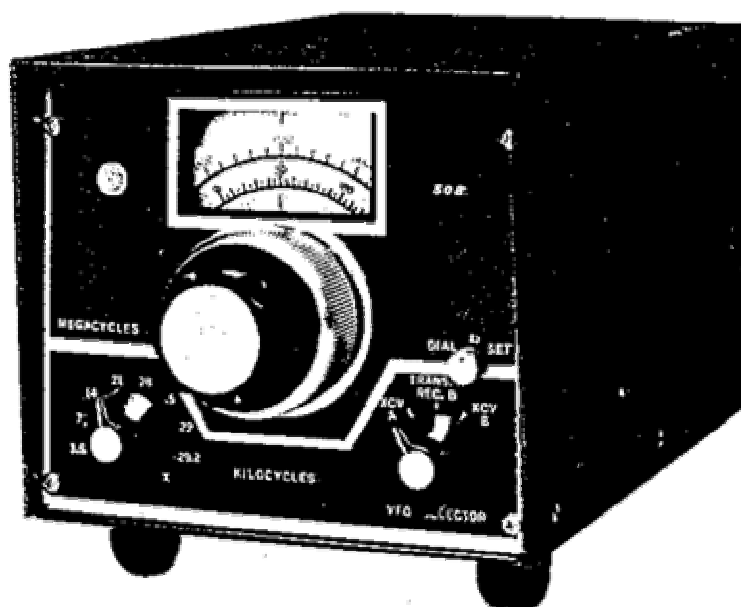


## MODEL 508 EXTERNAL VFO



The Swan Model 508 Frequency Control Unit is designed to serve as an external VFO to be used with the Swan 600-R/600-T and Swan Transceivers. The 508 plugs directly into the back of the units after the jumper plugs have been removed. The position of the VFO selector switch on the front panel of the Model 508 will determine split frequency operation, or transceive operation. The dial of the Model 508 is calibrated in 5 KC increments on each range.

The 80 meter band is calibrated for direct readout on the dial. Calibration for all other ranges is on a 0-500 KC scale and the reading of this scale would be additive to the megacycle range as selected by the VFO bandswitch. A smaller vernier dial is included and is calibrated in 1 KC increments. An extra position is included on the bandswitch for possible installation of an additional tuning range. WWV reception at 15 mc. is also included.



## MODEL 510X CRYSTAL OSCILLATOR

The Model 510X oscillator unit provides for added versatility with the Swan 600-R/600-T and Swan Transceivers by crystal controlling the operating frequency. Not only does this permit fixed frequency "NET" operation in the 80, 40, 20, and 15 meter amateur bands, but the 510X also permits operation outside the amateur bands for MARS, commercial and other services. Vernier frequency adjustment is provided by a panel control, and a selector switch provides for choice of either crystal or VFO control.

A ten position switch allows selection of up to ten crystal frequencies. The 600-R/600-T will operate within the following ranges without modification.

	Operating Freq.	Crystal Freq.
80M band	3.4 to 4.4 mc	8.9 to 9.9 mc
40M band	6.7 to 7.7 mc	12.2 to 13.2 mc
20M band	13.8 to 14.8 mc	8.3 to 9.3 mc
15M band	20.9 to 21.9 mc	15.4 to 16.4 mc
NOTE: The 510X will not operate on the 10M band.		