



CW Side-Tone	Internally switched to speaker to headphones, in CW mode. Approximately 1000 Hz tone.
Microphone Requirement	High impedance with a rating of -45 to -55 dB.
Carrier Suppression	45 dB down from single-tone output.
Unwanted Sideband Suppression	45 dB down from single-tone output at 1000 Hz reference.
Emissions not possible or not recommended	A0, A2, A3b, A4 through A9, F0 through F9, and P0 through P9.
Third Order Distortion	30 dB down from two-tone output.
RF Compression (TALC*)	10 dB or greater at .1 mA final grid current.

GENERAL

Frequency Coverage	3.5 to 4.0; 7.0 to 7.3; 14.0 to 14.5; 21.0 to 21.5; 28.0 to 28.5; 28.5 to 29.0; 29.0 to 29.5; 29.5 to 30.0 (megahertz).
Frequency Stability	Less than 100 Hertz per hour drift after 45 minutes warmup from normal ambient conditions. Less than 100 Hz for $\pm 10\%$ line voltage variations.
Modes of Operation	Selectable upper or lower sideband (suppressed carrier) and CW.
Dial Calibration	5 kHz divisions.
Calibration	100 kHz crystal.
Bandsread	35 -1/3 revolutions for 500 kHz.
Audio Frequency Response	350 to 2450 Hz.
Front Panel Controls	Main tuning dial. Driver Preselector. Final tuning. Final loading. Mic and CW Level control. Mode switch. Band switch. Function switch. Meter switch. RF Gain control. Audio Gain control. Filter selector switch.

*Triple Action Level Control™.