

## TECHNICAL SPECIFICATION

Basic Frequency Coverage	
*Additional Band	500 KHz band width
*Crystal not supplied	3.5 to 10 MHz
80 meter Band	3.5 to 4.0 MHz
49 meter Band	5.7 to 6.2 MHz
40 meter Band (HAM)	7.0 to 7.5 MHz
31 (WWV@ 10 MHz)	9.5 to 10.0 MHz
25 meter Band	11.5 to 12.0 MHz
20 meter Band (HAM)	14.0 to 14.5 MHz
19 meter Band (WWV@ 15 MHz)	15.0 to 15.5 MHz
16 meter Band	17.5 to 18.0 MHz
11 meter Band (CB)	27.0 to 27.5 MHz
*Crystal not supplied	10.0 to 30.0 MHz
Number of semiconductor	4 FET, 22 TR, 13 diode, 2 zener and 2 thermister
IF Frequencies	2.420 MHz to 2.920 MHz (Variable) and 455 KHz
Reception	AM, CW, and Single sideband (SSB)
Sensitivity - AM	Less than 1 microvolt for 10 db S/N ratio
Sensitivity - SSB/CW	Less than 0.5 microvolt for 10 db S/N ratio
Selectivity	4 KHz at 6 db down
Visual dial accuracy	±200 Hz
Calibration accuracy	Better than ±500 Hz adjacent 25 KHz calibration points after indexing
Stability	Better than 500 Hz after warmup
Image rejection	More than 60 db
Spurious rejection	More than 50 db
Rejection tuning	More than 40 db
Selection tuning	500 Hz at - 3 db
Audio output power	Maximum 1 watt at 8 ohm load
Audio output impedance	8 ohm and 600 ohm
Headphone output	8 ohm, panel-mounted jack accepts standard 1/4 inch plug
Antenna input impedance	50 ohm to 75 ohm unbalanced; rear mounted type SO-239 coaxial receptacle accepts PL-259 connector
Power source	120 volt AC 60 Hz and 12V DC negative ground only
Power consumption	10 watts
Remote stbby control	Rear-mounted; 2 pin connector
Dimensions	7" high, 15" wide and 10" deep