

TABLE OF CONTENTS

CHAPTER 1	PAGE
Specifications	2
CHAPTER 2	
Frequency List	3
CHAPTER 3	
Installation	4
Installing The Radio	4
Ignition Noise Interference	5
Antenna	5
Adjusting The Antenna For Optimum SWR	5
External Speaker	6
CHAPTER 4	
Operation	7
Front Panel	7
Rear Panel	10
Procedure to Receive and Transmit	11
Receiving SSB Signals	12
Microphone Installation And Substitutes	13
Limited Warranty	Inside Back Cover

CHAPTER 1 SPECIFICATIONS**GENERAL**

Frequency Range	26.965 - 27.405 MHz
Emission	AM/USB/LSB
Frequency Control	Phase-Lock-Loop Synthesizer
Frequency Stability	0.001%
Temperature Range	-30°C to +50°C
Input Voltage	13.8 V DC
Antenna Impedance	50 Ohms
Speaker Impedance	8 Ohms
Size	7 7/8"(W) x 9 1/4"(D) x 2 1/8"(H)
Weight	5.0 lb.

TRANSMITTER

RF Power Output	AM : 4W; USB/LSB : 12W PEP
Frequency Response	300 to 2500 Hz
Frequency Tolerance	0.005%
Spurious Emission	Better than -55 dB
Unwanted Sideband	Better than -55 dB

RECEIVER

Sensitivity for 10 dB S+N/N	AM : 0.5 uV; USB/LSB : 0.25 uV
Squelch Sensitivity	Adjustable, Less than 0.25 uV
Audio Power Output	2W @ 10% Distortion
Image Rejection Ratio	-65 dB
AGC Figure of Merit	100 mV for 10 dB Change in Audio Output
Audio Response	300 to 2500 Hz
Clarifier Range	1.5 KHz ± 0.5

(SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)