

TABLE OF CONTENTS

Specifications	2
Installation	
Location	3
Mounting the Radio	3
Ignition Noise Interference	4
Antenna	4
Tuning the Antenna for Optimum SWR	5
Ext. Speaker	6
Operation	
Control Function	7
Front Panel	7
Rear Panel	8
Frequency List	9

SPECIFICATIONS

GENERAL

Frequency Range	26.965 -- 27.405MHz
Channels	40 AM and 6 NOAA Weather Channels
Frequency Control	Phase Lock Loop Synthesizer
Frequency Stability	0.001%
Temperature Range	-30°C to +50°C
Input Voltage	13.8V DC
Antenna Impedance	50 Ohms
Dimension	5 7/8"(W) x 7 1/4"(D) x 1 7/8"(H)
Weight	2.0 lbs

TRANSMITTER

RF Power Output	4W
Spurious Emission	Better than -60dB
Carrier Emission	Better than -60dB
Frequency Tolerance	0.005%
Microphone	Dynamic

RECEIVER

Sensitivity for 10dB (S+N)/N	0.5uV
Squelch Sensitivity Threshold	0.5uV
Tight	1000uV
Image Rejection	-65dB
Audio Power Output	2W @ 10% Distortion
AFC Figure of Merit	100mV for 10dB Change in Audio output
Audio Response	300 to 2500Hz

WEATHER RECEIVER

Frequency Range	162.400MHz to 162.550MHz
Frequency Control	Crystal
Modulation	FM, +/- 4KHz Deviation