

<<The Make and the Model>> Specifications

GENERAL	
Frequency Range Receive:	144-146 MHz.
Frequency Range Transmit:	144-146 MHz
Channel Steps:	5/10/12.5/15/20/25/50/100 kHz
Frequency Stability:	Better than ± 10 ppm (-20°C to +60°C)
Mode of Emission:	F2D, F3E
Antenna Impedance:	50 Ohm, Unbalanced
Operating temp range:	-4° to +140°F (-20°C to +60°C)
Supply Voltage:	DC 13.8V $\pm 10\%$, Negative Ground
Current Consumption (typical):	
RX:	Less than 0.7A (max. audio)
	Less than 0.3A (Squelched)
TX:	15A (75W) / 9A (30W) / 5A (10W) / 4A (5W)
Operating Temperature Range:	-20°C to +60°C (-4°F to +140°F)
Case Size:	6.3 x 2.0 x 7.3 inches (w/o knobs)
	160(W) x 50(H) x 185(D) mm
Weight:	4.2 lb. (1.9kg)
TRANSMITTER	
RF Power Output:	30/10/5 Watts
Modulation Type:	Variable Reactance
Maximum Deviation:	± 5 kHz / ± 2.5 kHz
Spurious Radiation:	Better than -60dB
Microphone Impedance:	2 K Ohm
RECEIVER	
Circuit Type:	Double-Conversion Superheterodyne
Intermediate Frequencies:	21.7 MHz and 450 kHz
Sensitivity (12dB SINAD):	Better than 0.4 μ V
Selectivity Wide: (-6/-60 dB):	12 kHz/28 kHz
Selectivity Narrow: (-6/-60 dB):	9 kHz/22 kHz
IF Rejection:	Better than 70 dB
Image Rejection:	Better than 70 dB
Maximum AF Output:	3 W into 4 Ohm @ 10% THD