

## SPECIFICATIONS

### GENERAL

Frequency Coverage	144 to 148 MHz*
Number of Channels	800 channels*
Speaker	Internal 3" dynamic speaker with provision for connecting an external 8 ohm dynamic speaker
Microphone	Dynamic push-to-talk microphone with retractable coiled cord.
Power Requirement	13.8 Volts DC, $\pm 10\%$
Current Consumption	0.5 Amps Receive 1.0 Amps Transmit (LOW) 2.5 Amps Transmit (HI)
Metering	Illuminated front panel meter indicates relative received signal strength and transmitter power output
Dimensions	180 (W) x 60 (H) x 220 (D) mm
Weight	2.7 kg.

### TRANSMITTER

RF Output	10 Watts (HI) or 1 Watt (LOW) into 50 ohms load at 13.8 Volts DC
Frequency Stability	$\pm 0.002\%$
Modulation	F3
Deviation	$\pm 5$ kHz
Audio Response	+1, -3 dB of 6 dB/Octave pre-emphasis characteristic from 300 to 2500 Hz
Spurious Emissions	60 dB below carrier minimum
Tone Burst	Nominally one second at 1800 Hz
Repeater Split	$\pm 600$ kHz or any frequency in 5 kHz increments

## RECEIVER

Type

Double conversion super-heterodyne

Intermediate Frequency

10.7 MHz first IF: 455 kHz  
second IF

Sensitivity

0.3  $\mu$ V for 20 dB quieting

Selectivity

$\pm$  6 kHz at 6 dB:  $\pm$  12 kHz at  
60dB

Audio Output

1.5 Watts at 8 ohms