

RCI-3900 SPECIFICATIONS

GENERAL

Frequency Range	RX / TX : 28.015 ~ 28.465 MHz
Emission	AM/FM/USB/LSB
Frequency Control	Phase-Lock-Loop (PLL) Synthesizer
Frequency Stability	0.001%
Temperature Range	-30°C to +50°C
Input Voltage	13.8V DC
Antenna Impedance	50 Ohms
Size	7 7/8" (W) x 9 1/4" (D) x 2 3/8" (H)
Weight	5.0 lbs.

TRANSMITTER

RF Power Output	AM/FM: $9 \pm 2W$; SSB: $25 \pm 3W$ PEP
Carrier Emission	Better than -50 dB
Spurious Emission	Better than -50 dB
Audio Distortion	10%
Frequency Response	300 to 2500 Hz
Microphone	Dynamic

RECEIVER

Sensitivity for 10 dB (S+N)/N	AM: $< 1 \mu V$; SSB: $< 0.5 \mu V$
Sensitivity for 20 dB (S+N)/N	FM: $< 1 \mu V$
Squelch Sensitivity	$< 0.5 \mu V$
Audio Power Output	2.0W @ 10% Distortion
Image Rejection Ratio	> 50 dB
AGC Figure of Merit	80 dB for 50 mV for 10 dB Change in Audio Output
Audio Response	300 to 2500 Hz