

RCI-2970N2 Specifications

GENERAL

Model	RCI-2970N2
Frequency Range: 12 meter : 10 meter	24.8900 ~24.9900 MHz 28.0000 ~29.6999 MHz
Tuning Steps	100 Hz, 1 KHz, 10 KHz, 100 KHz, 1 MHz
Emission	USB, LSB, CW, AM, FM
Frequency Control	Phase-Lock-Loop Synthesizer
Frequency Tolerance	0.005%
Frequency Stability	0.001%
Operating Temperature Range	-10°C to +50°C
Antenna Impedance	50 ohm
Microphone	Plug-In (6-Pin), 400 Ω Dynamic PTT
Meter Function	RF Output, RX Receive Signal Strength, SWR
Input Voltage	13.8 V DC
Dimensions	7 7/8" (W) x 11 1/8" (D) x 3 1/4" (H)
Weight	8 lb. 3 oz.

TRANSMITTER

RF Power Output	200W : USB/LSB Peak Power 100W : CW/AM/FM
RF Transmit Modes	USB, LSB, CW, AM, FM
Antenna Connector	UHF Type, 50 Ω
Modulation	16F3, A3E, J3E, A1A
Spurious Emissions	>60 dB
Carrier Suppression	-50 dB

RECEIVER

Sensitivity	AM/CW : 0.5 μ V for 10dB Sinad FM : 0.25 μ V for 12dB Sinad USB/LSB : 0.15 μ V for 10dB Sinad
Image Rejection Ratio	-65 dB
AGC Figure of Merit	SSB/CW/AM : 80dB at 50mV for a 10dB change in Audio Output
Audio Power Output	2.5W