

RCI-2995DX Specifications

GENERAL

Model	RCI-2995 DX
Frequency Range : 12 meter : 10 meter	24.890 ~ 24.990 MHz 28.000 ~ 29.699 MHz
Tuning Steps	100 Hz, 1 KHz, 10 KHz, 100 KHz, 1 MHz
Emission	USB, LSB, CW, AM, FM
Frequency Control	Dual Phase-lock-loop Synthesizer
Frequency Tolerance	0.005%
Frequency Stability	0.001%
Operating Temperature Range	-10°C to +50°C
Microphone	Plug-In (6-Pin), 400Ω Dynamic PTT
AC Input Voltage	110V 60 Hz (220V 50 Hz Optional)
AC Power Consumption	300W
Antenna Connectors	Standard SO-239 Type
Meter	Meter #1 : Indicates relative RF Power Output/Antenna SWR Meter #2 : Indicates Received Signal Strength/AM Modulation

TRANSMITTER

RF Power Output	50W RMS : CW/AM/FM 150W PEP : USB/LSB
SSB Generation	Dual-Balanced Modulation
AM Modulation	Class B Amplitude Modulation
FM Deviation	±4KHz @ 1KHz 30mV Audio (±5KHz max.)
Clarifier Range	±5 KHz
Harmonic and Spurious Emission	Better than 60 dB
AM/FM Frequency Response	400 to 5000 Hz
SSB Frequency Response	400 to 3000 Hz
Output Impedance	50 Ohms Unbalanced
Output Indicators	RF Meter shows relative RF Output Power

RCI-2995DX Specifications (Continued)

RECEIVER

Sensitivity	AM/CW : 0.50uV for 10dB S+N/N FM : 0.25uV for 12dB S+N/N USB/LSB : 0.15uV for 10dB S+N/N
AM/FM Selectivity	50dB at 10 KHz
SSB Selectivity	60dB at 4 KHz
Image Rejection	More than 50dB
IF Rejection	More than 80dB
AGC	SSB/CW/AM 80 dB for 50mV for 10 dB Change in Audio Output
Squelch	Adjustable-Threshold less than 0.7 uV
Audio Frequency Response	400 to 2500 Hz
Distortion	Less than 10% at 2Watts Output into 8 Ohms
Adjacent Channel Rejection	>50 dB
Cross Modulation	>50 dB
Intermediate Frequency	10.695MHz (AM-1st, SSB), 455KHz (AM-2nd)
Clarifier Range	±5 KHz
Noise Blanker	IF Single Gate Type
Audio Output Power	More than 3 Watts into 8 Ohms
Built-in Speaker	8 Ohms
External Speaker (Optional)	Disables Internal Speaker when connected