



RANGER RCI-69VHP

60+ Watt SSB/AM/FM/CW
10 Meter Amateur Transceiver



The Ranger RCI-69VHP features a clean 60+ watts PEP on all modes – AM, FM, USB and LSB. The RCI-69VHP has all the features a radio operator wants in a top-of-the-line sideband radio including a true frequency counter – not just a frequency display, like the competition. Experience Ranger’s legendary quality and 30 years of sideband engineering expertise with the RCI-69VHP.

- **New Final Amplifier Design**
- **Uses Ranger RT1 MOSFET Transistors**
- **80+ Watts PEP Output Power**
- **Variable RF Power Control**
- **6 Digit Frequency Counter**
- **New Smoke Chrome Front Panel**
- **Heavy Duty, High Power Heatsink**
- **S/RF/SWR Front Panel Meter**
- **Real Channel Selector Control**
- **SRA-198 Chrome Noise Cancelling Mic Included**
- **Variable Talk Back Control**
- **Built-In Echo with On/Off Switch**
- **Fine + Coarse Variable SSB Clarifier**
- **Cool Blue LED Channel & Freq Display**
- **4pin Mic Jack with Right Angle Mic Plug**

Ranger Communications, Inc.
867 Bowsprit Road
Chula Vista CA 91914

N. American Sales Contact:
Palomar Electronics
Toll Free: 877-624-6869
Email: info@PalomarElectronics.com



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RCI-69VHP Technical Specifications

General

Frequency Range	28.7650 ~ 29.2050 MHz
Modes	CW / FM / AM / USB / LSB
Frequency Control	Phase-Lock Loop Synthesizer
Frequency Stability	0.001%
Temperature Range	-30°C ~ +50°C
Power Source	13.8 V DC
Antenna Impedance	50 Ω
Dimensions	7-7/8" (W) x 9-1/4" (D) x 2-3/8" (H)
Weight	5 lbs.

Transmitter

RF Power Output AM	20 Watts RMS / 60 Watts PEP
RF Power Output FM	70 Watts
RF Power Output SSB	60 Watts PEP
RF Power Output CW	20 Watts
Spurious & Harmonic Emission	-50 dB
Audio Distortion	10%
Frequency Response	300 to 2500 Hz
Microphone	Dynamic

Receiver

Sensitivity CW / AM	0.5 μV for 10dB S+N/N
Sensitivity FM	0.25 μV for 12dB S+N/N
Sensitivity SSB	0.15 μV for 10dB S+N/N
Squelch Sensitivity	0.5 μV
Selectivity	-55 dB
Image Rejection	-50 dB
Hum & Noise	40 dB
Audio Output Power	2.5 Watts @ 10% THD

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