

RP Series

Fast. Simple. Reliable.

RELM Communications brings its 40 plus year tradition of high quality and product reliability to the user friendly RP Series Portable Radios. Sixteen channels of instant push-to-talk communications in a compact, feature rich package make the RP Series a superior solution for your communications requirements.

- ◆ *16 Channels*
- ◆ *5 Watt RF Power*
- ◆ *136 - 174 MHz (Sub Bands)
or 450 - 470 MHz*
- ◆ *Two-Tone Decode/Encode*
- ◆ *CTCSS/DCS*
- ◆ *Priority Scan*
- ◆ *Rapid Desktop Charger*
- ◆ *1100 mAH NiMH Battery*
- ◆ *Windows Programmable*
- ◆ *Narrowband/Wideband*
- ◆ *Clonable*



Quality • Service • Dedication



RP Series

Sixteen Channel Portables

SPECIFICATIONS

	VHF		UHF
Model Number	RPV516B	RPV516A	RPU416A
Frequency Range - MHz	136-150	150-174	450-470
Number of Channels	16	16	16
RF Power Output - Watts	5	5	4
Channel Spacing - kHz	25/12.5	25/12.5	25/12.5

General

Operating Temperature	-30C to +60C
Operating Bandwidth	24 MHz
Channel Increments	2.5/6.25 kHz
Channel Spacing	25kHz/12.5kHz
Frequency Stability	+/- 2.5 PPM
Weight w/Battery	16 oz
Dimensions	2.4" x 1.4" x 5.5"
Standby Current	20 mA

Features

Scan Operation Priority/Home/Talkback
 CTCSS/CDCSS Standard
 Two-Tone Decode Standard
 Time Out Timer Standard
 Busy Channel Lockout
 Battery Life 9 Hours @ 5/5/90
 Windows Programmable

Transmitter

Hum & Noise-Narrow/Wide	-40/-35 dB
Audio Distortion	<5%
Spurious & Harmonics	-70 dB
Modulation	11K0F3E 16K0F3E

Receiver

Sensitivity-12dB Sinad	0.25 uV/0.28 uV
Selectivity-Narrow/Wide	<=60 dB/65 dB
IMD-Narrow/Wide	60 dB
Spurious Response	60 dB
Image Response	60 dB
Squelch Opening	8 dB SINAD
Audio Output	500mW @ <10% Distortion
Signal Displacement-N/W	1 kHz/2 kHz

RELM Wireless Corporation

7100 Technology Drive
 West Melbourne, FL 32904
 800-821-2900 or 321-984-1414
 email: Sales@RELM.com
 www.RELM.com



An ISO9001 Compliant Company

Mil-Spec 810 C/D/E

High Temperature, Low Temperature, Humidity, Dust, Vibration, Shock.

FCC Type Acceptance Pending
 Measurements made in accordance with applicable EIA standards.
 Specifications subject to change without notice.
 Copyright 2001 RELM Wireless Corporation.