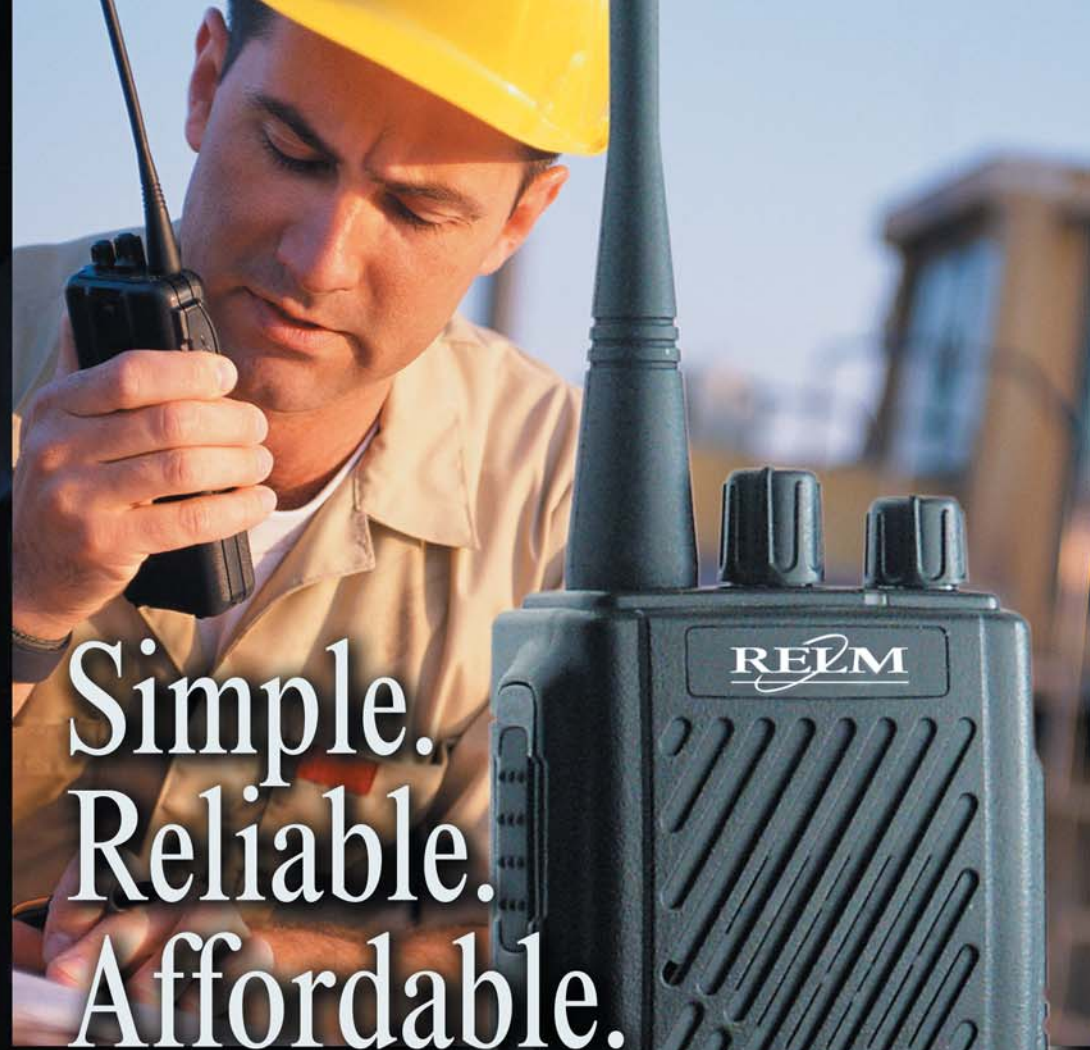




7100 Technology Drive • West Melbourne, FL 32904

W I R E L E S S

RELM



Simple.  
Reliable.  
Affordable.



**RP Series**  
sixteen channel portables

- 16 Channels
- Scanning
- DTMF Encode/Decode
- Two-Tone Decode/Encode/Pager
- Narrowband/Wideband

# User friendly portables, with the value and quality of RELM.

## General Specifications:

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

Priority Scan	INCLUDED
Home Scan	INCLUDED
TalkBack Scan	INCLUDED
Tone Code Guard (CTCSS)	INCLUDED
Digital Code Guard (CDCSS)	INCLUDED
Two-Tone Decode	INCLUDED
Time Out Timer	INCLUDED
Busy Channel Lockout	INCLUDED
Windows Programmable	INCLUDED
Battery Conditioning Charger	INCLUDED

RELM brings its 50 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, featur rich package make the RP Series a superior solution for your communication needs.

- 16 Channels
- 5 Watt VHF / 4 Watt UHF
- 150-174 MHz or 450-470 MHz
- Narrowband/Wideband
- Two-Tone Decode/Encode/Pager
- CTCSS/DCS
- Rapid Rate Desktop Charger
- 1100 mAH NiMH Battery
- Windows Programmable
- Clonable
- Priority Scan

**RP Series**  
sixteen channel portables



**RELM**  
WIRELESS

RELM Wireless Corporation  
7100 Technology Drive  
West Melbourne, FL 32904

Phone: 800-821-2900  
Fax: 800-704-3177

Email: sales@relm.com

www.relm.com

Operating Temperature	-30 to 60 °C
Operating Bandwidth - VHF/UHF	24MHz/20MHz
Channel Increments	2.5/6.25 kHz
Channel Spacing	25 kHz/ 12.5kHz
Frequency Stability	+/-2.5 PPM
Standby Current	20 mA
Battery Life	9 hours*
Dimensions - H x W x D	5.5" x 2.4" x 1.4"
Weight w/Battery	14 oz.

\*1500mAH NiMH Battery available that gives >10 hours

Meets MIL-SPEC 810 C/D/E. High temperature, low temperature, humidity, dust, vibration, shock.

FCC Type Acceptance ARURPV599A and ARURPU499A.  
Measurements made in accordance with applicable EIA, TIA and NTIA standards. Specifications subject to change without notice.

## Receiver:

	Wide	Narrow
Sensitivity: 12 dB SINAD	0.25 uV	0.28 uV
Selectivity:	<=60 dB	<=65 dB
IMD:	60 dB	60 dB
Spurious Response:	60 dB	60 dB
Image Response:	60 dB	60 dB
Squelch Opening	8 dB SINAD	8 dB SINAD
Audio Output @ 10% dist.:	500 mW	500 mW
Signal Displacement:	2 kHz	1 kHz

## Transmitter:

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

## Current RELM Federal Contracts

FEDERAL	GSA
BLM-DOI NBC 030003	FEDERAL TECHNOLOGY SERVICES GS06T03BND7002
USFS 54-3187-3-328	INFORMATION TECHNOLOGY SCHEDULE GS35F-0133L