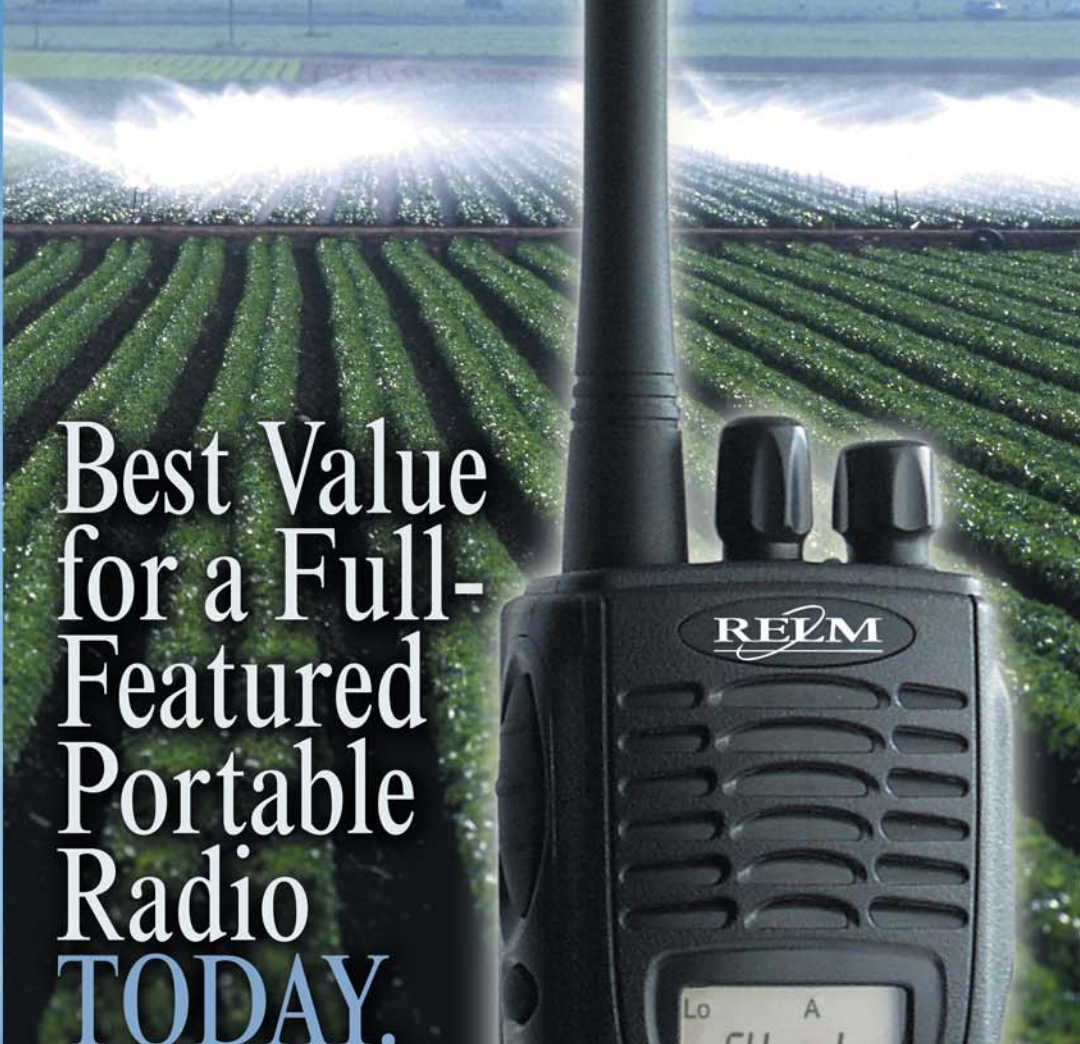


7100 Technology Drive • West Melbourne, FL 32904

RELM
WIRELESS



Best Value
for a Full-
Featured
Portable
Radio
TODAY.

RP Series
ninety-nine channel portables

- 99 Channels
- 16 Character Alphanumeric
- Two-Tone Decode/Encode
- Narrowband/Wideband
- Clonable
- Field Programmable



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

General Specifications:

Model Number	RPV599A	RPU499
Frequency Range	148-174 MHz	450-470 MHz
Number of Channels	99	99
RF Power Output	5/1 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
Keypad Programmable		INCLUDED
Wireless Cloning		INCLUDED
Two-Tone Decode		INCLUDED
DTMF Encode/Decode		INCLUDED
Time Out Timer		INCLUDED
Busy Channel Lockout		INCLUDED
Windows Programmable		INCLUDED
16 Digit ANI		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. Ninety-nine channels of instant push-to-talk communications in a compact, feature-rich package make the RP Series a superior solution for your communication needs.

- 99 Channels
- 5/1 Watt VHF / 4/1 Watt UHF
- 148-174 MHz or 450-470 MHz
- 136-174 MHz (international sales only)
- Two-Tone Decode/Encode
- CTCSS/DCS
- Wireless Cloning
- Rapid Desktop Charger
- 1500 mAH NiMH Battery
- Windows Programmable
- Field Programmable (requires software to enable)
- Narrowband/Wideband
- 16 Digit ANI
- DTMF Encode/Decode

RP Series
ninety-nine channel portables



Operating Temperature	-30 to 60 °C
Operating Bandwidth - VHF/UHF	26MHz/20 MHz
Channel Increments	2.5/6.25 kHz
Channel Spacing	25 kHz/ 12.5kHz
Frequency Stability	+/-2.5 PPM
Standby Current	20 mA
Battery Life	>10 hours
Dimensions - H x W x D	5.8" x 2.5" x 1.3"
Weight	14 oz.
Display	LCD

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:	<=70 dB	<=60 dB
IMD:	65 dB	65 dB
Spurious Response:	60 dB	60 dB
Image Response:	60 dB	60 dB
Squelch Opening	8 dB SINAD	8 dB SINAD
Audio Output @ 5% dist.:	500 mW	500 mW

Transmitter:

	Wide	Narrow
Hum & Noise: Narrow/Wide	-35 dB	-40 dB
Audio Distortion:	<5%	<5%
Spurious & Harmonics:	-60 dB	-60 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

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