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**RELM RPV599A Plus and RPU499A Plus
Portable Radio/Pager**

Specifications

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	-35 dB	-40 dB
Audio Distortion	<5%	<5%
Spurious & Harmonics	-60 dB	-60 dB
Modulation	16K0F3E	11K0F3E

General Specifications

Model Number	RPV599A	RPU499
Frequency Range	148-174 MHz	450-470 MHz
RF Power Output	5/1 Watts	4 Watts
Channel Capacity	99	99
Channel Spacing	25/12.5 KHz	25/12.5 KHz
Operating Temperature	-30 C to +60 C	-30 C to +60 C
Operating Bandwidth	26 MHz	20 MHz
Channel Increments	2.5/6.25 KHz	2.5/6.25 KHz
Frequency Stability	+/-2.5 PPM	+/-2.5 PPM
Standby Current	20 mA	20 mA
Battery Life	>10 hours	>10 hours
Dimensions - H x W x D	5.8" x 2.5" x 1.3"	5.8" x 2.5" x 1.3"
Weight	14 oz.	14 oz.
FCC ID	ARURPV599A	ARURPU499A

Meets MIL-SPEC 810 C/D/E. High temperature, low temperature, humidity, dust, vibration, shock. Measurements made in accordance with applicable EIA, TIA and NTIA standards. Specifications subject to change without notice.

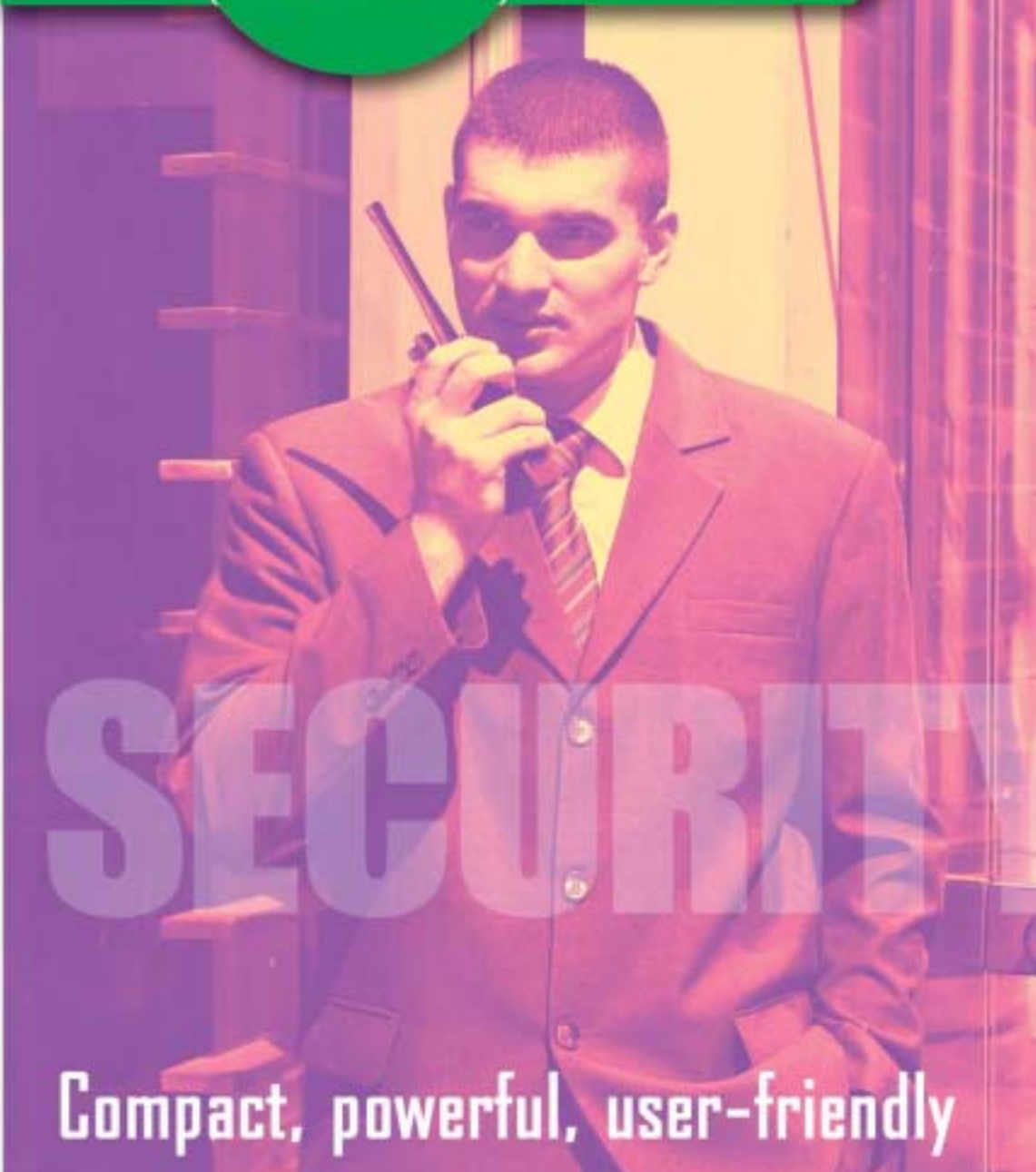


Making reliable communications affordable

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**RELM RPV599A Plus and
RPU499A Plus Portable
Radio/Pager**



Compact, powerful, user-friendly

Making reliable communications affordable





RELM RPV599A Plus and RPU499A Plus Portable Radio/Pager

Unmatched value in a user-friendly portable.

- 99 channels
- 148-174 MHz VHF or 450-470 MHz UHF frequency range (136-174MHz available for export only)
- Rock-solid reliability – meets tough MIL-STD 810 specs
- 12.5KHz/25KHz narrowband/wideband channel spacing
- Priority channel scanning, home scan, talkback scan
- 5/1-watt (VHF) or 4/1-watt (UHF) power output
- Busy-channel lockout
- Rapid-rate desktop charger included
- Built-in two-tone decode/encode pager
- Field programmable via 16-character alphanumeric keypad for easy customizing
- Compact, light-weight, easy to carry and use
- Exceptional audio quality and clarity
- Weatherproof design
- Longer life – up to 10 hours – between battery charges/changes
- Wireless cloning technology transfers information from one radio to another automatically
- CTCSS/CDCSS tone and digital code guard
- DTMF encode/decode

The RELM RPV599A Plus VHF and RPU499A Plus UHF Portable Radios combine feature-rich functionality, rock-solid reliability and unmatched value. Their built-in pager means one less device you have to purchase and carry.

Crisp, clear audio quality even under noisy conditions. CDCSS/CTCSS tone-squelch options help differentiate talk groups and minimize undesired audio traffic.

Its superior design means that functions and features are software-driven, creating inherent efficiencies that result in significant cost savings without compromising or sacrificing quality, performance, reliability, or durability even under the most demanding conditions.

Above all, the RELM RP portables are always easy to use and easy to customize to meet your

particular requirements. Busy-channel lockout prevents radio users from transmitting on a channel in use by another party. Priority scan, home scan, and talkback scan combine to make the RP portables even simpler and easier to use. And straightforward one-button push-to-talk means instant communications.

And as a result of advanced engineering techniques, RPV and RPU radios have lower current drain than other portables, which means significantly longer battery life between battery charges or changes.

RPV and RPU radios also have the ability to clone group information from one radio to another.

Standard RELM RP accessories include the desktop charger, antenna, 1500 mAH NiMH battery, and belt clip.



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