



www.relm.com

Relm Wireless Corporation
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> RPU 3300C

Palm-Size, Compact, Rugged

128 Channels (8 Zones/16 Channels per Zone)

Wireless Cloning

4 Watt Power Output

Emergency Alarm/Siren

Built-in CDCSS/CTCSS, Built-In 2-Tone/5-Tone Encode and Decode

Automatic Number Identification (ANI)

Voice-Operated Transmit (VOX)

Voice Comander for Clear and Crisp Audio

Multi-Function Scan

Busy Channel Lockout

Tri-Color Radio Status Indicator

High-Visibility LCD Display

MIL-STD 810 C/D/E Specs

Built-In Modem

Flash Processor Advantage

DES Encryption

Specifications

General Specifications	
Frequency Range	380-430 MHz
Channel capacity	128
Channel spacing	25KHz/12.5KHz
Operating Voltage	7.2V Nominal
Antenna impedance	50 Ohms
Operating temperature	-30 C to +60 C
Channel Increments	2.5kHz / 6.25kHz
Dimensions - mm	56.7(W) X 105.5(H)X 32(D)
Weight (excluding battery)	6.5 oz.
Battery Chemistry	Lithium-Ion
FCC ID	R74TC3600U

Specifications subject to change without notice. Measurements made in accordance with applicable TIA/EIA-603-A standards.

Transmitter Specifications	
Carrier output power	2 or 4 Watts Selectable
Spurious and harmonics	-70dB
Audio distortion (300-3000Hz)	< 3% (wide) < 5% (narrow)
Frequency stability (-30C to +55C)	2.5 ppm
Max. Frequency deviation	±5KHz (wide) ±2.5KHz (narrow)
FM Modulation	16K0F3E 11K0F3E

Receiver Specifications	
Sensitivity(12dB/20dB SINAD)	0.35µV
Adjacent channel selectivity	70dB (wide) 60dB (narrow)
Intermodulation rejection	65dB
Spurious response rejection	70dB
Audio power output	500 mW
Audio distortion	≤ 5% @ 500 mW

MIL-STD 810 Standard	C Method/Procedures	D Method/Procedures	E Method/Procedures
Low Pressure	500.1/Procedure I	500.2/Procedure I,II	500.3/Procedure I,II
High Temperature	501.1/Procedure I,II	501.2/Procedure I,II	501.3/Procedure I
Low Temperature	502.1/Procedure I	502.2/Procedure I,II	502.3/Procedure I,II
Temperature Shock	503.1/Procedure I	503.2/Procedure I	503.3/Procedure I
Solar Radiation	505.1/Procedure I	505.2/Procedure I	505.3/Procedure I
Rain	506.1/Procedure I,II	506.2/Procedure I,II	506.3/Procedure I,II
Humidity	507.1/Procedure II	507.2/Procedure II,III	507.3/Procedure II,III
Salt Fog	509.1/Procedure I	509.2/Procedure I	509.3/Procedure I
Dust	510.1/Procedure I	510.2/Procedure I	510.3/Procedure I
Vibration	514.2/Procedure VIII,X	514.3/Procedure I	514.4/Procedure I
Shock	516.2/Procedure I,II,V	516.3/Procedure I,IV	516.4/Procedure I,IV

RP 3300C

Professional Portable Radios



- > Palm-Size, Compact and Rugged
- > 128 Programmable Channels in 8 Zones
- > Built-In 2-Tone/5-Tone Pager with Siren
- > 380-430 MHz UHF
- > Wireless Radio-to-Radio Cloning
- > One-Button Emergency Alarm with Siren
- > Programmable by PC
- > DES Encryption
- > MIL-STD 810 C/D/E Specs

**> More Radio for
Your Dollar**

> Rock-Solid Reliability

**> Easy to Use, Easy
to Customize**

RELM/BK