

**LEGACY**

**ProLine PL2215 / PL2245P**

VHF/UHF scanning portables

# Rugged, Versatile, Compact

The Legacy ProLine Series combines a "soft tech" look and feel with rugged durability and versatile performance.

Both the PL2215 (VHF) and PL2245P (UHF) portables have 2 channel operation, PC programmable software options (including time-out-timer and scan) and a rugged die-cast aluminum / polycarbonate cabinet to take on a World full of tough challenges.



## **Choice of 2 Watt / 2 channel VHF or UHF models**

Choose the radio that's right for your needs from the PL2215 (VHF) or the PL2245P (UHF)

## **Programmable channel scan**

Keep up-to-date with conversations on all programmed channels

## **Privacy tones**

38 Standard, 11 non-standard CTCSS tones and 104 DCS tones prevent your radio from receiving unwanted calls; programmable 2-tone decode is ideal for use by rural Public Safety personnel

## **Designed to MIL-STD810F Specifications**

Allows reliable use in rugged conditions like light rain, humidity, dust, vibration and shock

## **Locking accessory connector**

Keeps your radio accessories securely attached during demanding use

# ProLine PL2215 / PL2245P



## specifications

general	VHF model PL2215	UHF model PL2245P
Frequency Range	148-174 MHz	450-490 MHz
Channels	2	2
Channel Spacing	25 / 30 / 15 / 12.5 kHz	25 / 12.5 kHz
PLL Step	2.5 / 5 / 6.25 / 7.5 kHz	5.0 / 6.25 kHz
Channel Spread	26 MHz	40 MHz
Antenna Impedance	50 Ω	50 Ω
Operating Voltage	7.2V DC Nominal	7.2V DC Nominal
Battery Life (with 750 mAh NiMH battery)	11 Hours @ 2 W (90-5-5 duty cycle)	11 Hours @ 2 W (90-5-5 duty cycle)
(with optional 1350 mAh NiMH battery)	19 Hours @ 2 W (90-5-5 duty cycle)	19 Hours @ 2 W (90-5-5 duty cycle)
Operating Temperature	-22° F to +140° F (-30° C to +60° C)	
Frequency Stability (-30° C to +60° C)	± 5.0 ppm	± 5.0 ppm
Dimensions (H x W x D) (with battery)	4-7/8" x 2-1/4" x 1-1/4" (125 x 58 x 32 mm)	
Weight (with 750 mAh NiMH battery and antenna)	13.6 oz. (380 gm)	
FCC Identifier	Pending	O7KPL450A
FCC Compliance	Parts 22, 74, 80, 90	Parts 22, 74, 90, 95
IC Certification Number	Pending	377 210 4407A

## features / functions

- 2 Channel, 2 Watt VHF model PL2215; UHF model PL2245P
- Programmable wide or narrow channel spacing
- Meets MIL-STD810F specifications
- 38 Standard, 11 non-standard CTCSS tones; 104 DCS tones
- Programmable two-tone decode
- Programmable scan
- Locking single-pin accessory connector
- TX Inhibit
- Time-out-timer
- Battery save circuitry
- Die-cast aluminum frame, polycarbonate cabinet
- Tri-color LED
- Spring steel belt clip
- Manufactured under ISO 9002 quality standards
- FCC Certified for use in U.S.A and its possessions



## MIL-STD methods / procedures

The ProLine PL2215 and PL2245P meet the following:

Standard	810F Method / Procedure
Rain (Watertightness)	506.4 / Proc. II
Humidity	507.4 / Proc. I
Blowing Dust	510.4 / Proc. I
Vibration	514.5 / Proc. I
Shock	516.5 / Proc. I, IV

## receiver (measurement procedures made per ANSI/TIA/EIA-603)

Sensitivity	12 dB SINAD	.25 μV @ 12.5 kHz; .28 μV @ 25 kHz
Selectivity		>60 dB @ 12.5 kHz; >65 dB @ 25 kHz
Intermodulation		60 dB @ 12.5 kHz; 65 dB @ 25 kHz
Spurious Response		60 dB 60 dB
Audio Output		500 mW (Int.) @ 8 Ω; 500 mW (Ext.) @ 8 Ω (Method @ <10% THD level)

## transmitter (measurement procedures made per ANSI/TIA/EIA-603)

RF Output	2 Watts	2 Watts
Spurious and Harmonic Emissions	60 dB	60 dB
Modulation	16K0F3E, 11K0F3E	
FM Hum and Noise	>34 dB @ 12.5 kHz; >40 dB @ 25 kHz	
Audio Distortion	<5%	<5%

Specifications are subject to change without notice.

## accessories / options

**Batteries:** 750 mAh NiMH Battery pack (ACC-201); 1350 mAh NiMH Battery pack (ACC-202)

**Antenna:** VHF Antenna, 6", 148-174 MHz (ACC-115); UHF Antenna, 6", 450-490 MHz (ACC-145)

**Chargers:** Single unit desktop "slow" charger (ACC-410); Single unit desktop "fast" charger (ACC-412); 6-Station gang charger with ACC-410 chargers (ACC-441); 6-Station gang charger with ACC-412 chargers (ACC-442)

**Audio:** Ultra-lite headset with locking connector (ACC-616); Ear bud speaker with in-line P-T-T, microphone and locking connector (ACC-706); Lapel speaker microphone with ear jack, locking connector (ACC-726); Heavy Duty speaker microphone with audio earphone jack (ACC-727); Coil-cord earphone, used with ACC-727, (OPA-1424); Ear speaker, for use with ACC-726 Lapel speaker microphone (WTA-9F)

**Carrying:** Leather case (ACC-302); Nylon case (ACC-303)

**Adaptor:** 2-Pin to 1-pin accessory adaptor (ACC-506)

For more information, contact:



Supplier of Maxon®, Legacy and TruTalk products

10828 NW Air World Drive  
Kansas City, Missouri 64153  
800-821-7848, Ext. 699 • Fax: 816/891-8815  
www.topaz3.com

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