

LEGACY

ProLine PL2245 / PL1145

UHF portables

Compact Capability

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

Choose from the 2 Watt, dual channel model PL2245 or the 1 Watt, single channel model PL1145. Both radios offer user selectable UHF frequencies and 49 CTCSS tones for privacy.

For a simple communication solution in this complex World, choose Legacy ProLine.

Choice of 2 Watt / dual channel or 1 Watt / single channel models

Choose the radio that's right for your needs from the PL2245 (2W / 2 Ch.) or the PL1145 (1W / 1 Ch.)

User selectable UHF frequencies

8 Pre-programmed frequencies give you more control when structuring your communication system

38 Standard, 11 non-standard CTCSS tones

User selectable tones prevent your radio from receiving unwanted calls, increases call privacy

Designed to MIL-STD810F Specifications

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

Durable frame and cabinet materials

Die-cast aluminum frame and polycarbonate cabinet keep these radios ready for work



Main photo: model PL2245,
Inset photo: model PL1145

ProLine PL2245 / PL1145



specifications

| general | UHF model PL1145 | UHF model PL2245 | receiver (measurement procedures made per ANSI/TIA/EIA-603) | |
|--|---|---------------------------------|---|--|
| Frequency Range (UHF) | 8 Pre-programmed: 464.5000 MHz, 464.5500 MHz, 467.7625 MHz 467.8125 MHz, 467.8500 MHz, 467.8750 MHz 467.9000 MHz, 467.9250 MHz | 8 Pre-programmed: | Sensitivity | 12 dB SINAD |
| Channels | 1 | 2 | | .25 μ V @ 12.5 kHz; .28 μ V @ 25 kHz |
| Channel Spacing | 25 / 12.5 kHz | 25 / 12.5 kHz | Selectivity | >55 dB @ 12.5 kHz; >60 dB @ 25 kHz |
| PLL Step | 5.0 / 6.25 kHz | 5.0 / 6.25 kHz | Intermodulation | 55 dB @ 12.5 kHz; 60 dB @ 25 kHz |
| Channel Spread | 3.425 MHz | 3.425 MHz | Spurious Response | 60 dB |
| Antenna Impedance | 50 Ω | 50 Ω | Audio Output | 500 mW (Int.) @ 8 Ω ; 500 mW (Ext.) @ 8 Ω (Method @ < 10% THD level) |
| Operating Voltage | 7.2V DC Nominal | 7.2V DC Nominal | transmitter (measurement procedures made per ANSI/TIA/EIA-603) | |
| Battery Life (with 750 mAh NiMH battery) | 14 Hours (90-5-5 duty cycle) | 11 Hours (90-5-5 duty cycle) | RF Output | 1 Watt |
| (with optional 1350 mAh NiMH battery) | 25 Hours (90-5-5 duty cycle) | 19 Hours (90-5-5 duty cycle) | Spurious and Harmonic Emissions | 2 Watts |
| Operating Temperature | -22° F to +140° F (-30° C to +60° C) | | Modulation | 43 dB |
| Frequency Stability (-30° C to +60° C) | \pm 5.0 ppm | \pm 5.0 ppm | FM Hum and Noise | 43 dB |
| 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) | | Audio Distortion | <5% |
| Weight (with 750 mAh NiMH battery and antenna) | 13.6 oz. (380 gm) | | Specifications are subject to change without notice. | |
| FCC Identifier | O7KPL450 | O7KPL450 | accessories / options | |
| FCC Compliance | Parts 22, 74, 90 | Parts 22, 74, 90, 95 | Batteries: 750 mAh NiMH Battery pack (ACC-201); 1350 mAh NiMH Battery pack (ACC-202) | |
| IC Certification Number | 377 219 6802A | 377 219 6802A | Antenna: UHF Antenna, 6", 465 MHz (ACC-146) | |

features / functions

- 2 Channel, 2 Watt model PL2245;
1 Channel, 1 Watt model PL1145
- Programmable 12.5 kHz / 25 kHz channel spacing
- Meets MIL-STD810F specifications
- 38 Standard, 11 non-standard CTCSS tones
- 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 and IC approved for sale in Canada



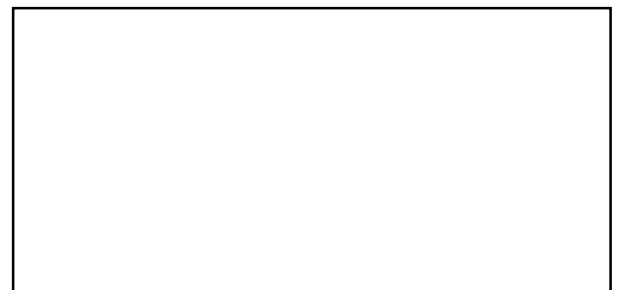
MIL-STD methods / procedures

The ProLine PL1145 and PL2245 are approved to 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 |

- 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); Leather case with swivel (ACC-304); Nylon case (ACC-303)
- Adaptor:** 2-Pin to 1-pin accessory adaptor (ACC-506)

For more information, contact:



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