

SPH51DT

VHF Portable

- 146 - 174 MHz
- 16 Channels
- Multiple Scan Operation
- 5 / 1 Watts RF Output
- Narrow / Wideband Operation
- 28 MHz Bandwidth



Uniden PRC
Private Radio Communications

General

| | | | |
|-----------------------|--------------------|----------------------|-----------------------------|
| Frequency Range | 146-174 MHz | RF Power Output | 5/1 watt Selectable |
| Channels | 16 | Operating Voltage | 7.5 VDC |
| Operating Temperature | -30C to +60C | Operating Bandwidth | 28 MHz |
| Channel Increments | 5/6.25 kHz | Channel Spacing | 12.5/25 kHz Programmable |
| Frequency Stability | +/-2.5 PPM | Weight w/Battery | 18 oz |
| Dimensions | 2.6" x 1.6" x 6.9" | Scan | Talkback/Home/Priority |
| CTCSS/CDCSS | Standard | Busy Channel Lockout | Standard |
| Time Out Timer | Programmable | Battery Life | 8 Hours @ 5/5/90 |

Receiver

| | |
|-------------------------|--------------------------------------------|
| Sensitivity-12dB Sinad | 0.35 uV |
| Selectivity-Narrow/Wide | 60 dB/70 dB |
| IMD-Narrow/Wide | 55/60 |
| Spurious Response | 60 dB |
| Image Response | 60 dB |
| Hum/Noise-Narrow/Wide | 40/45 dB |
| Squelch Opening | 12 dB SINAD (loose) 15 dB SINAD (tight) |
| Audio Output | 300 mW @ <3% Distortion |
| Signal Displacement-N/W | 1 kHz/2 kHz |

Transmitter

| | |
|----------------------|--------------------|
| Hum & Noise | 40 dB |
| Audio Distortion | <5% |
| Spurious & Harmonics | -60 dBc |
| Modulation | 11K0F3E 16K0F3E |

MIL-STD-810E Compliance

| Standard | Method | Procedure |
|-----------|--------|-----------|
| Rain | 506.3 | II |
| Dust | 510.3 | I |
| Vibration | 514.4 | I |
| Shock | 516.4 | I & IV |

Each unit includes 1200 mAH battery, antenna, wall charger, operator's and belt clip.

FCC Identification Number AMWUL095
Specifications subject to change without notice.
All measurement in accordance with EIA/TIA-603 standards.

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