

# SPH255DT

VHF Portable

- 146 - 174 MHz
- 99 Channels
- Narrow / Wideband Operation
- Alphanumeric LCD
- Programmable Quick Keys
- Direct Channel Entry
- Two - Tone Decode
- DTMF ENcode



**Uniden PRC**  
Private Radio Communications

# SPH255DT

## Specifications

### General

Frequency Range	146-174 MHz	RF Power Output	5/1 watt Selectable
Channels	99	Operating Voltage	7.5 VDC
Operating Temperature	-30C to +60C	Operating Bandwidth	28 MHz
Channel Increments	5.0/6.25 kHz	Channel Spacing	12.5/25 kHz Programmable
Frequency Stability	+/- 2.5 PPM	Weight w/Battery	18 oz
Dimensions	2.4" x 1.8" x 5.5"	Scan Operation	Priority/Home/Talkback
CTCSS/CDCSS	Standard	Two-Tone Decode	Standard
DTMF Encode	Standard	Time Out Timer	Standard
Battery Life	8 Hours @ 5/5/90		

### Receiver

Sensitivity-12dB Sinad	0.30 uV
Selectivity-Narrow/Wide	60 dB/70 dB
IMD-Narrow/Wide	60/70
Spurious Response	75 dB
Image Response	70 dB
Squelch Opening	8 dB SINAD
Audio Output	500 mW @ <5% Distortion
Signal Displacement-N/W	1 kHz/2 kHz

### Transmitter

Hum & Noise-Narrow/Wide	40/46 dB
Audio Distortion	<3%
Spurious & Harmonics	-60 dB (High Power) -50 dB (Low Power)
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
Low Pressure	500.3	II
Low Temperature	502.3	I & II
High Temperature	501.3	I & II
Temperature Shock	503.3	I
Solar Radiation	505.3	II
Humidity	507.3	II
Salt Fog	509.3	I

FCC Identification Number AMWUL097  
Specifications subject to change without notice.  
All measurement in accordance with EIA/TIA-603 standards.

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