

# SMH250DT

VHF Mobile

- 146 - 174 MHz
- 99 Channels
- Multiple Scan Operation
- 25 / 10 Watts RF Output
- Narrow / Wideband Operation
- 10 Character Alpha Display
- Clonable



**Uniden PRC**  
Private Radio Communications

# SMH250DT

## Specifications

### General

Frequency Range	146-174 MHz	RF Power Output	25/10 watt Programmable
Channels	99	Operating Voltage	13.8 VDC
Operating Temperature	-30C to +60C	Operating Bandwidth	28 MHz
Channel Increments	5/6.25 kHz	Channel Spacing	12.5/15 kHz (Programmable)
Frequency Stability	+/- 2.5 PPM	Weight	2 lb. 7 oz.
Dimensions	7.1" x 5.7" x 1.7"	Scan	Talkback/Home/Priority
Scan Delay	Programmable	CTCSS/CDCSS	Standard
Busy Channel Lockout	Standard	Time Out Timer	Programmable
10 Number Phone Book	Standard		

### Receiver

Sensitivity-12dB Sinad	0.35 uV
Selectivity-Narrow/Wide	60/70 dB
IMD-Narrow/Wide	55/60 dB
Spurious Response	75 dB
Image Response	70 dB
Squelch Opening	8 dB SINAD (max)loose 12 dB SINAD (min)tight
Audio Output	7.5 W @ <5% Distortion
Signal Displacement-N/W	1 kHz/2 kHz

### MIL-STD-810E Compliance

Standard	Method	Procedure
Vibration	514.4	I
Shock	516.4	I & IV

*Each unit includes operator's guide, mounting bracket, microphone and power cord.*

### Transmitter

Hum & Noise-Narrow/Wide	40/46 dB
Audio Distortion	<10%
Spurious & Harmonics	-70 dB (High Power) -65 dB (Low Power)
Attack Time	150 ms
Modulation	11K0F3E 16K0F3E

FCC Identification Number AMWUL101  
Specifications subject to change without notice.  
All measurement in accordance with EIA/TIA-603 standards.

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