

# SPU554KTST

*UHF Trunked / Conventional*

- 450 - 494 MHz
- 100 Channels / Talk Groups
- LTR / Conventional
- Alphanumeric LCD
- Programmable Quick Keys
- Narrow / Wideband Operation
- 44 MHz Bandwidth
- DTMF ENcode

UNIDEN PRC

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**Uniden PRC**  
Private Radio Communications

# SPU554KTST

## Specifications

### General

Frequency Range	450-494 MHz	RF Power Output	4/1 watt Selectable
Conventional Channels	100	Talk Groups	100
Systems	50	Operating Voltage	7.5 VDC
Operating Temperature	-30C to +60C	Operating Bandwidth	44 MHz
Channel Increments	10/12.5 kHz	Channel Spacing	25/30 kHz
			Programmable
Frequency Stability	2.5 PPM	Weight w/Battery	18 oz
Demensions	2.4" x 1.8" x 5.5"	System/Group Scan	Standard
CTCSS/CDCSS	Conventional Operation	DTMF Encode	Standard
Time Out Timer	Programmable	Battery Life	8 Hours @ 5/5/90

### Receiver

Sensitivity-12dB Sinad	0.22 uV
Selectivity-Narrow/Wide	63 dB/73 dB
IMD-Narrow/Wide	60/70
Spurious Response	85 dB
Image Response	80 dB
Squelch Opening	5 dB SINAD
Audio Output	500 mW @ <5% Distortion
Signal Displacement-N/W	1 kHz / 2 kHz

### Transmitter

Hum & Noise-Narrow/Wide	43/49 dB
Audio Distortion	<1%
Spurious & Harmonics	-70 dB
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 AMWUL098A  
Specifications subject to change without notice.  
All measurement in accordance with EIA/TIA-603 standards.

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