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SS-55

VHF/UHF MOBILE TRANSCEIVER



TECHNOLOGY FEATURES

- 1 25 W / 10 W output power selectable
Private Calls / Group Calls
- 2 DTMF / 2 TONE / 5 TONE
- 3 Remote kill / Stun / Activate / Revive
- 4 Voice Scramble / Componder
- 5 CTCSS / DCS Setting & Scanning
- 6 Repeater offset shift
- 7 Auto Power off
- 8 ANI ID / 1750Hz TONE

MAIN FEATURES

- Remote kill / stun / activate / revive
- Wide/Narrow band setting
- Channel name editing
- CTCSS/DCS setting & scanning
- High/Mid/Low power selectable
- Voice compander
- Repeater offset shift
- DTMF / 2 tone / 5 tone
- Talk around
- Voice prompt
- Auto Power off
- Scrambler
- Emergency Alarm
- COMP function
- Scan function
- 1750Hz tone
- ANI ID

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TECHNICAL SPECIFICATIONS

SS-55

GENERAL		
Frequency Change	VHF 136-174MHz	
	UHF 400-490MHz	
Channel Capacity	200	
Channel Spacing	25K (Wide Band) 20K (Middle Band) 12.5K (Narrow Band)	
Operation Voltage	13.8V DC±15%	
Frequency Stability	±2.5ppm	
Operating Temperature	-20° +60°	
Dimension (HxWxD)	145(W)x47(H)x190(D)mm	
Weight (With Bracket)	About 1.2kg	
TRANSMITTER		
	Wide Band	Narrow Band
Power Output	60W/25W/10W(VHF)	45W/25W/10W(UHF)
Modulation	16K F3E	11K F3E
Adjacent Channel Power	>70dB	>60dB
Hum & Noise	>40dB	>36dB
Spurious Emission	>60dB	>60dB
Audio Response	+1 to -3dB (0.3-3KHz)	+1 to -3dB (0.3-2.55KHz)
Audio Distortion	<5%	
RECEIVER		
	Wide Band	Narrow Band
Sensitivity (12dB Sinad)	<0.25µV	<0.35µV
Adjacent Channel Selectivity	>70dB	>60dB
Intermodulation	>65dB	>60db
Audio Response	+1 to -30dB (0.3-3KHz)	+1 to -3db (0.3-2.55KHz)
Hum & Noise	>45dB	>40dB
Audio Distortion	<5%	
Audio Power Output	>2W@10%	
Audio Distortion	<5%	

NOTE: Due to the continuous development of technology, the above data is subject to change without notice.



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SS30

Two-way radio



TECHNOLOGY FEATURES



TIME OUT TIMER

The time out timer is used to prevent any caller from using a channel for an extended period of time.



BATTERY SAVE

The battery save function decreases the amount of power when the radio is not in transmit or receive for more than 10 seconds.



CHANNEL NUMBER ANNUNCIATION

The voice annunciation on the SS30 allows you to hear what channel the radio is on.



SELECTABLE OUTPUT POWER

The SS30 allows you to select the power from high to low to save battery life.



TECHNICAL SPECIFICATIONS

SS30

GENERAL	
Frequency Change	VHF 136-174 UHF 400-470MHz, 450-520MHz
Channel capacity	16
Channel Spacing	12.5/25.0KHz
Operation Voltage	7.4V
Battery Capacity	1500mAh(Li-ion)
Battery Life (5-5-90 Duty Cycle)	About 15 Hours
Frequency Stability	±2.5ppm
Operating Temperature	-20° +60°
Antenna Impedance	50
Dimensions-(Without Antenna)	107x54x31mm
Weight (With Antenna & Battery)	225g
TRANSMITTER	
RF Power Output	UHF:5.0W/1W, VHF 5W/1W
Modulation Type	F3E
Spurious and Harmonics	-36dBm<1GHz; -30dBm>1GHz
FM Noise	45/40dB
Audio Distortion	<5%
Modulation Limiting	±2.5KHz@12.5KHz; ±5.0KHz@25KHz
Audio Response	+1 to -3dB
RECEIVER	
Sensitivity	<0.3/0.2 μV
Adjacent Channel Selectivity	60.70dB
Intermodulation	65dB
Spurious Response Rejection	70dB
S/N	45/40dB
Audio Power Output	600mW
Audio Distortion	<5%

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TECHNOLOGY