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SS-55

VHF/UHF MOBILE TRANSCEIVER







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

MAIN FEATURES

Remote kill / stun / activate / revive

SS-55

- 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
- · ANIID

TECHNICAL SPECIFICATIONS

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)	+l to -3db (0.3-2.55KHz)
Hum & Noise	>45dB	>40dB

<5% >2W@10%

<5%

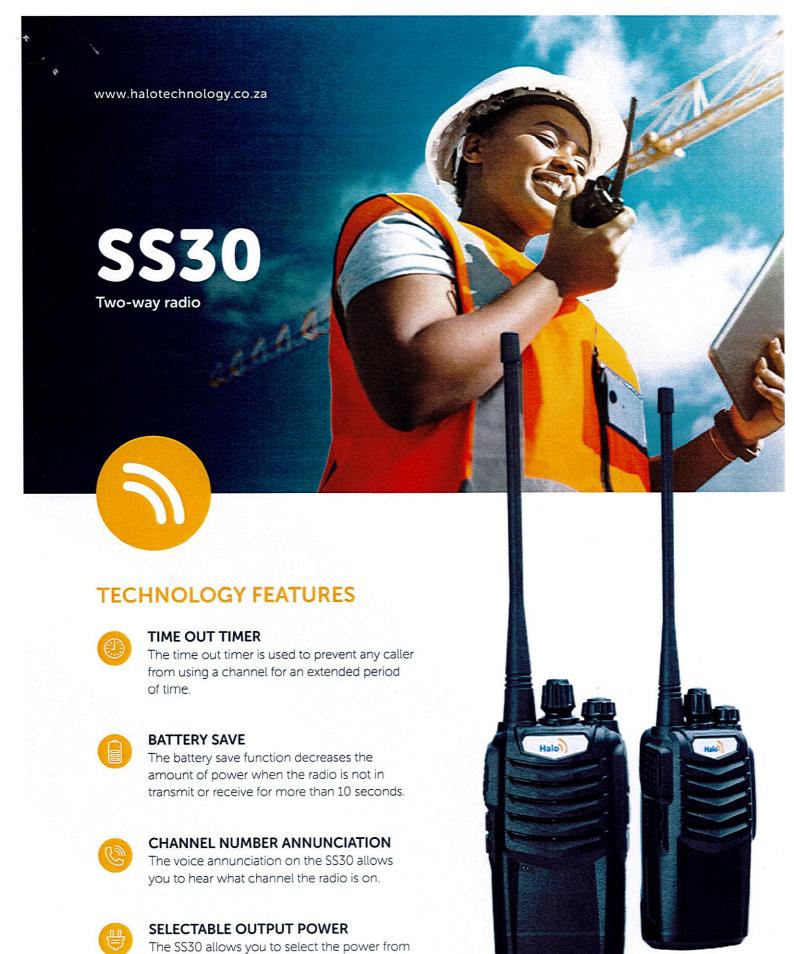
NOTE: Due to the continuous development of technology, the above data is subject to change without notice.

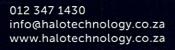
Audio Distortion

Audio Distortion

Audio Power Output







high to low to save battery life.



TECHNICAL SPECIFICATIONS

	VHF 136-174	
Frequency Change	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	-20º +60º	
Antenna Impedance	50	
Dimensions-(Without Antenna)	107x54x31mm	
Weight (With Antenna & Battery)	225g	
TRANSMITTER		
RF Power Output	UHF:5.OW/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 uV	
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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