The Radiotec Tongaat
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SS-90

High-cost-effective DSP professional two-way radio.

TECHNOLOGY FEATURES



- Voice channel annunciation 50 CTCSS/ 105 CDCSs
- 16 Channels by Voice Annunciation
- 2200mAh Li-ion battery for long time operation
- High/Low power switchable
- Time out timer
- Auto Battery Save
- Emergency Alert
- 16 Channels by voice





Halo TECHNOLOGY

TECHNICAL SPECIFICATIONS

GENERAL	
Frequency Range	UHF:400-480MHz
Channel Capacity	16
Channel Spacing	12.5/25.0KHz
Operation Voltage	DC7.4V
Battery Capacity	2200mAh (Li-ion)
Battery Life (5-5-90 Duty Cycle)	About 15Hours
Frequency Stability	±2.5ppm
Operating Temperature	-20 - +60°C
Antenna Impedance	50Ω
Dimension (HxWxD) (Without Antenna)	100 x 53 x 30mm
Weight (With Antenna & Battery)	190g
RECEIVER	
Sensitivity	⩽0.30/0.20uV
Adjacent Channel Selectivity	60dB
Intermodulation	60dB
Spurious Response Rejection	65dB
S/N	40/45dB
Audio Power Output	500mW
Audio Distortion	⩽5%
TRANSMITTER	
RF Power Output	UHF:2.0W/1.0W
Modulation Type	F3E
Spurious and Harmonics	-36dBM<1GHz;-30dBm.1GHz
FM Noise	40/45dB
Audio Distortion	⩽5%
Modulation Limiting	±2.5KHz@12.5KHz; ±5.0KHz@25KHz
Audio Response	+1 to-3dB

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

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