



SANCHAR

WIRELESS COMMUNICATIONS LTD.

STC-903D

VHF/UHF Digital Handheld

- Mixed Mode
- Squelch Tail Elimination
- Talk Around, DTMF Signaling
- Switchable Power(High/Low)
- Busy Channel Lock Out, PTT ID
- Stun Kill & Revive, CTCSS/CDCSS
- Priority Scan, Battery Save, 2 Tone
- Channel Scan, TX INHIBIT, 5 Tone
- Power on Self-Test, Time Out Timer
- Low Battery Alert, Long Battery Life
- PC Programmable, Channel Group (Zone)
- Channel Annunciation, VOX, Emergency Alarm



STC-903D portable two-way digital radio has superior audio quality, outstanding coverage, long-lasting battery life and more connects your workforce efficiently and has the flexibility to grow with your business. **STC-903D** portables provide the features and performance needed for a wide range of workplaces. Whatever your needs, **STC-903D** provides a simple, reliable, cost-effective communication solution to help work crews connect, coordinate and collaborate to get the job done right. Improve the efficiency of your operation with easy-to-use voice communication.



MAKE IN INDIA



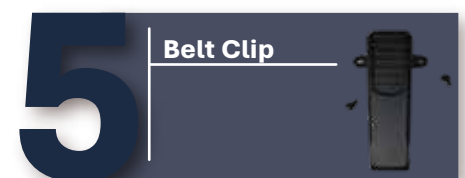
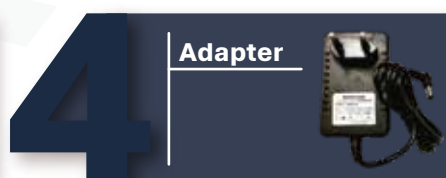
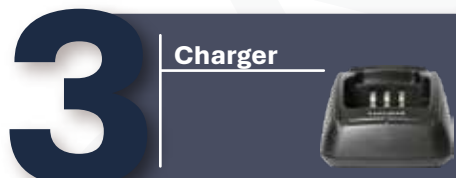
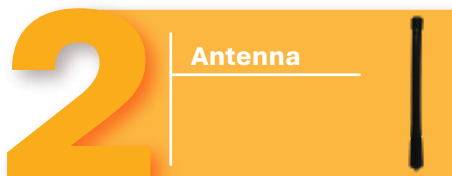
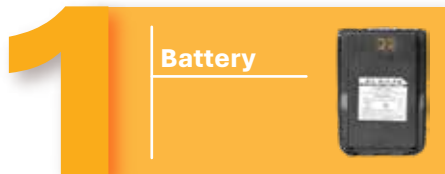
STC-903D

VHF/UHF Digital Handheld

Specification & MIL-STD

STC-903D	
General	
Frequency Range	VHF 136-174 MHz / UHF 400-470 MHz
No. of Channel	256 Channels
Channel Spacing	12.5 KHz (Narrow Band) & 25 KHz (Wide Band)
Phase locked Step	5KHz, 6.25KHz
Operating Voltage	7.4V DC \pm 10% (2600 mAh)
Operating Temperature	-30°C ~ +60°C
Frequency Stability	\pm 0.5 PPM
Size	129X61X39mm (with Battery Pack)
Weight (Net Weight)	270gm (Including Battery & Antenna)

STC-903D		
Receiver		
	Wide Band	Narrow Band
Sensitivity	≤0.25μV	≤0.16μV
Digital Sensitivity	0.30μV @ 5% BER	0.30μV @ 5% BER
Adjacent Channel Selectivity	70dB	60dB
Spurious Emission	≤-57dB	≤-57dB
Spurious Rejection	≤70dB	≤70dB
Blocking	84dB	12.5KHz
HUM & Noise	≤45dB	≤40dB
Audio Distortion	≤3%	
Audio Power Output	≤1000mW / 16Ω	
Transmitter (ETSI EN - 300 086 Standard Testing)		
Power Output	VHF 5W / UHF 4W	
Adjacent Channel Power	≤70dB	≤60dB
Modulation limit	± 5KHz @25KHz	± 2.5 KHz @ 12.5 KHz
Hum & Noise	≤40dB	≤40dB
Spurious Emission	Better than 70 dB	
4FSK Digital Modulation	12.5 KHz (Data) 7K6OFXD	
Audio Distortion	≤3%	



Marketed: Dealer/Distributor