

Specification :

Standard Common Description of Item :

Tran receiver , VHF, hand Held Walkie-talkie sets 1W/5W (tuned for rated power of 5Watts) Synthesized with 2200 mAH Ni-Mh Battery pack ,Configuration VH-3 Band 136-173 MHz full band along with one spare Battery pack of Capacity 2200mAH capacity and Rapid charger as per specification enclosed. The VHF walkie- Talkie shall be MIL standard compliance for 810C, D,E & F duly verified by RDSO

General.

Recommended make & Model Motorola GP-328/ Kenwood TK 2107/ I Com IC-F-14 or equivalent shall be MILstandard complied & Certified by RDSO for MIL- STD - 810C ,D ,E &F

Feature wise Configuration-
VH3 option

- (i) Simple Press to Talk
- (ii) CTCSS or DCS
- (iii) Low battery alert
- (iv) VOX for Hand free operations
- (v) PTT ID Encode
- (vi) Protection against high VSWR
- (vii) Busy channel lock out
- (viii) Channel Scanning with call quieting facility
- (ix) Any one of DTMF/digital signaling
- (x) Capable of being killed with SOS/Siren

Technical Specification :

- | | | | |
|-----|-------------------------------|---|--|
| 1. | Frequency Range | : | 136-174 MHz (Full band only). |
| 2. | No of channels | : | 16 channels or more
Channels 1&3 should be programmed to cover end frequencies and channel 2 for the mid frequency of the quoted frequency spared. Remaining channels should also be programmed to cover the quoted frequency spread. |
| 3. | Channel Spacing | : | 12.5 KHz. |
| 4. | Frequency spared | : | 5 MHz or more without degradation in Tx/Rx specification. |
| 5. | Frequency Stability | : | 5PPM or better. |
| 6. | Type of Emission | : | 11 KOF3 |
| 7. | Type of Operation | : | Simplex, press to talk with built in condenser mic and speaker. |
| 8. | Type of Antenna | : | Helical Antennas suitable for the frequency Spot specified in supply order. |
| 9. | Speaker Impedance | : | To be specified by the firms both at internal And external speaker point. |
| 10. | Output Impedance/Termination: | : | 50 Ohms and the aerial terminal should have BNC female socket or appropriate adapter Should be provided with the sets for DCPW for testing/evaluation. |

*S
By / R*