



VL-007

SPECIFICATIONS

General

Frequency Range	136~174MHz, 400~470MHz 450~520MHz, 340~400MHz
Channel Capacity	128
Channel Spacing	12.5KHz/20KHz/25KHz
Frequency Stability	< ± 2.5ppm
Operating Temperature	-30°C ~ +60°C
Operating Voltage	13.6V DC (nominal)
Dimension (H × W × D)	170mm × 170mm × 52mm
Weight	< 1.5 kg

Transmitter

RF Power	5W/25W/50W(VHF) 5W/25W/45W(UHF)
Frequency Modulation	16K Φ F3E/11K Φ F3E
Antenna Impedance	50 Ω
Modulation Limiting	± 2.5KHz@12.5KHz, ± 4KHz@25KHz ± 5KHz@25KHz
Modulation Distortion	< 5%
Radiated Spurious Emission	-36dBm < 1GHz / -30dBm > 1GHz
FM Noise	-40dB @ 25KHz / -35dB @ 17.5KHz

Receiver

Sensitivity	< 0.25μV@12dB SINAD
First IF of Receiver	4.9MHz
Second IF of Receiver	50MHz
Adjacent Channel Selectivity	70dB @ 12.5KHz / 65dB @ 20/25KHz
Intermodulation Rejection	> 65 dB
Image Rejection	> 70 dB
Rated Audio Power	4W
Rated Audio Distortion	< 5%
FM Hum & Noise	> 45/40dB

NOTICE: These specifications may be subject to change without notice due to advancement in technology. For more detailed information, please contact VERTEL.



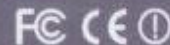
For more information, please contact:



VERTEL is a registered Trade Mark

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Professional choice

VL-007

FM VHF/UHF Mobile Radio



- Built-in 2-Tone / MDC1200 / 5-Tone / DTMF
- Voice Scrambler / Audio Comander
- Call Transfer / Call Back
- Repeater / Talk Around
- Remote Kill/Stun/Activate/Revive
- Power-on Self-Test
- Lone Worker & Security Check
- Ignition Switch
- Vehicle Mounted Operation