

Specifications

General

Frequency coverage	
Tx/Rx	118.000-136.975 MHz
Rx Wx channels	161.650-163.275 MHz*
	(*USA version only.)
Frequency spacing	25 kHz
Frequency stability	±5ppm
Operating Temperature	-20°C to +55°C
Antenna impedance	50Ω
No. of memory channels	10 regular memory, 200 group memory, 10 GPS, 10 Weather*, 10 auto stack memory
	(* USA version only)

Power supply requirement	11.5-27.5V DC (negative ground)
Current drain (at 13.8 V DC)	
Transmit	5A max.
Receive	4A – AF max.
	0.5A – Stand-by
Dimensions (W×H×D)	160 × 34 × 271 mm
(projections not included)	6 ⁶ / ₁₆ × 1 ¹¹ / ₃₂ × 10 ²¹ / ₃₂ in
Weight (approx.)	1.0 kg; 2.2 lb

Transmitter

Output power	8 W typical (carrier power)
Spurious emission	Less than -60dB
Microphone impedance	600Ω

Receiver

Intermediate frequencies	
1st	38.85 MHz
2nd	450 kHz
Sensitivity – AM	Less than 2.0 μV for 6 dB S/N (with 1 kHz, 30% mod.)
Selectivity	±3 kHz for 6dB S/N ±22 kHz for 60dB S/N
Spurious rejection	Less than 74dB
Audio output power	5W with a 4Ω load 60mW with a 500Ω load

Applicable U.S. Military Standards

Standard	MIL 810 F	
	Method	Proc
Low Pressure	500.4	I, II
High Temp.	501.4	I,II
Low Temp.	502.4	I, II
Solar Radiation	505.4	I
Rain	506.4	I, III
Humidity	507.4	—
Salt Fog	509.4	—
Dust	510.4	I
Immersion	512.4	I
Vibration	514.5	I
Shock	516.5	I, IV

Measurements made in accordance with RTCA DO-186B for USA version. All stated specifications are and subject to change without notice or obligation.