

GENERAL SPECIFICATIONS

Frequency Range	450-470 MHz UHF 146-174 MHz VHF
Channel Capacity	1
Channel Spacing	12.5 kHz
Operating Voltage	8.4 Volts
Standard Battery	5000 mAh Li-Ion Battery
Battery Life (5-5-90 Duty Cycle)	About 48 Hours
Operating Temperature	-4° F ~ +149° F
Dimensions (H×W×D)	11" × 10" × 5"
Weight (With Antenna & Battery)	8 Pounds
Frequency Stability	±2.5 ppm

RECEIVER

Sensitivity	≤0.25/0.28 μV
Selectivity	70/60 dB
Intermodulation	65 dB
Spurious Response Rejection	70 dB
Rated Audio Power Output	0.5 Watts (Speaker Impedance: 16 ohm)
Rated Audio Distortion	≤5% (.5 Watts)



TR5000 REPEATER

TRANSMITTER

RF Power Output	5W (VHF) 4W (UHF)
Spurious and Harmonics	≤-26 dBm
Modulation Limiting	≤5/2.5 kHz (25/12.5 KHz)
FM Noise	≥40/35 dB
Modulation Distortion	≤5%

All specifications are tested according to TIA/EIA-603, and subject to change