



TITANRADIO

Digital Model:

TR2X

GENERAL SPECIFICATIONS

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|----------------------------------|-------------------------|
| Frequency Range | 400-470 MHz (UHF) |
| Capable Modes | Digital and Analog |
| Digital Technology | DMR Tier II |
| Channel Capacity | 32 (2 Zones) |
| Channel Spacing | 12.5 kHz |
| Operating Voltage | 3.7 Volts |
| Standard Battery | 2200 mAh Li-Ion Battery |
| Battery Life (5-5-90 Duty Cycle) | About 18 Hours |
| Operating Temperature | -22° F ~ +140° F |
| Dimensions (H×W×D) | 4.25" × 1.93" × 1.15" |
| Weight (With Antenna & Battery) | 5.7 oz |
| Frequency Stability | ±0.5 ppm |
| Dust & Waterproof | IP54 Standard |



RECEIVER

| | |
|-----------------------------|--------------------------------------|
| Sensitivity (Digital) | 0.22 µV/BER 5% |
| Sensitivity (Analog) | 0.22 µV (Typical) (12dB SIN AD) |
| Selectivity | 60dB @ 12.5 KHz |
| Intermodulation | 65 dB |
| Spurious Response Rejection | 70 dB |
| Rated Audio Power Output | 0.4 Watts (Speaker Impedance: 8 ohm) |
| Rated Audio Distortion | ≤5% (.4 Watts) |

TRANSMITTER

| | |
|------------------------|-------------|
| RF Power Output | 2/0.5 Watts |
| Spurious and Harmonics | ≤-27 dBm |
| Modulation Limiting | ≤2.5 kHz |
| FM Noise | ≥40dB |
| Modulation Distortion | ≤3% |

All specifications are subject to change without notice due to continuous development.