



# TITANRADIO

Digital Model:

# TR4X

## GENERAL SPECIFICATIONS

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	7.4 Volts
Standard Battery	1500 mAh Li-Ion Battery
Battery Life (5-5-90 Duty Cycle)	About 11 Hours
Operating Temperature	-22° F ~ +140° F
Dimensions (H×W×D)	4.75" × 2.30" × 1.25"
Weight (With Antenna & Battery)	9.6 oz
Frequency Stability	±2.0 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	4/1 Watts
Spurious and Harmonics	≤-36 dBm
Modulation Limiting	≤2.5 kHz
FM Noise	≥36 dB
Modulation Distortion	≤3%

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

[www.TitanRadio.com](http://www.TitanRadio.com)