WMI

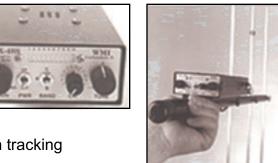
- Can be permanently mounted on 3-element directional antenna
- With noise blanking circuit to reduce unwanted interference
- 48 channels for tracking 48 animals (3 bands with 16 channels each)
- Lightweight 16 ounces; compact 6 3/4" x 3" x 1 1/2"
- Attenuator prevents swamping; assures accurate close-in tracking
- · Choice of Power:

8 Disposable AAA batteries last 13-15 tracking hours

OR

Rechargeable nicad batteries, recharge unit, DC cord with lighter plug-in

- Five year limited warranty on all parts and labor in electronics
- WMI's newest model in the TRX family of modern receivers



Engineering Specifications:

Noise Figure: 2.0 dB typical Input Impedance: 50 ohms

Frequency Range: 48 channels that are 10 KHz wide, continuously tuned, in 148 to 222

MHz frequency range

Frequency Stability: +/- 2 KHz from -20 to +120 degrees F or better

Image and Spurious Rejection: 45 db or better

Minimum Discernible Signal: -149 dBm (.008 microvolts) or better

Circuit Design: Double conversion superheterodyne with 2 pole crystal 2.4 KHz @ 6

dB down, passband

Manual Gain Range: 70 dB

Tuning: 10 KHz spaced channels, tuned by quartz-locked digital synthesizer.

Fine tune VCXO +/- 5 KHz

Sweep: N.A.

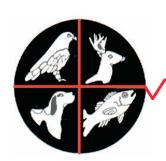
Frequency Resetability: +/- 2 KHz or better

Signal Metering: 0-1 scale, minimum signal to activate, -140 dBm, 20 dB dynamic range

Noise Blanking Circuit: Advanced circuit, eliminates most impulse noise

Operating Voltage: 9-14 volts DC or internal optional disposable or nicad rechargeable

battery pack



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