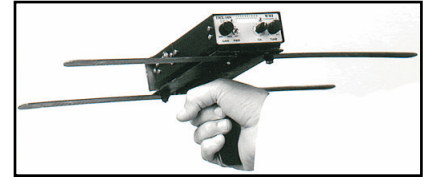


# TRX-16S RECEIVER

WMI

- Can be permanently mounted on 3-element directional antenna
- With noise blanking circuit to reduce unwanted interference
- 16 channels for tracking 16 animals
- 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

## Engineering Specifications:

Noise Figure:	2.0 dB typical
Input Impedance:	50 ohms
Frequency Range:	16 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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