

# TRX-10S RECEIVER

WMI

- Has 10 channels for tracking 10 animals
- Signal meter has sensitive needle to match transmitter's beeping signal
- Attenuator switch prevents swamping; assures accurate close-in tracking
- Can be mounted on 3 element directional yagi antenna
- Weight, 1 pound; 5 3/4" x 3" x 2 1/4" dimensions
- Powered by rechargeable batteries and by DC cord for vehicle cigarette lighter
- Includes recharger, DC cord and nylon carrying case with belt loop
- Five year warranty on parts and labor



## Engineering Specifications:

Noise Figure:	3.5 dB typical
Input Impedance:	50 ohms
Frequency Range:	10 channels that are 10 KHz wide, with 40 KHz spacing between channels, 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:	-147 dBm (.01 microvolts) or better
Circuit Design:	Triple conversion superheterodyne with 6 pole ceramic filter @ 6 dB down, passband
Manual Gain Control Range:	70 dB
Tuning:	10KHz 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, -139 dBm, 20 dB dynamic range
Noise Blanking Circuit:	N.A.
Operating Voltage:	12-14 volts DC or internal nicad rechargeable battery pack



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