

# TRX-Multi-Band Receiver

WMI

- **New and Improved** - sensitive, sophisticated, easy to operate
- Locates 200 animals per Megahertz,; punch in each frequency number on digital display
- Digital Circuitry allows fast, accurate tuning of transmitters. Sharp, noise-reducing audio filters make background noise drop away.
- 1000 KHz frequency range avoids interference with other signals
- Attenuator prevents swamping, insures accurate close-in tracking
- Noise-blanking circuit reduces unwanted signals, now with On/Off Switch. In strong signal areas where transmitters overload circuitry, turn Off to improve dynamic range.
- Signal meter needle deflects to show signal strength
- Signal meter is backlit to enhance night tracking
- Weight, less than 2 pounds. Dimensions, 7" x 4" x 4 1/2"
- Rechargeable nicad batteries give 6-8 tracking hours on full charge
- DC cord allows for external operation from vehicle's 12 v cigarette lighter
- Recharge unit, DC power cord and nylon carrying case are include
- Optional lid-mounted throwaway batteries for use away from current
- Five year warranty on parts and labor



Available as  
TRX-1000S  
TRX-2000S  
TRX-3000S  
TRX-4000S  
TRX-5000S

## Engineering Specifications:

Noise Figure:	1.5 dB or better
Input Impedance:	50 ohms +/- 10%
Frequency Range:	Standard bands are 150-151 MHz, 150.8-151.8 MHz, 151-152 MHz, 160-161 MHz, 164-165 MHz, 216-217 MHz, 217-218 MHz, 218-219 MHz, 220-221 MHz, Other bands available on request
Frequency Stability:	+/- 1 KHz maximum (-20 degrees to +70 degrees C)
Image and Spurious Rejection:	60 db or better
Minimum Discernible Signal:	-150 dBm (.007 microvolts) or better
Circuit Design:	Modern dual conversion superheterodyne circuit with 8 pole crystal filter and 40 dB AGC range
Manual Gain Range:	90 dB or better
Frequency Readout:	Digital, direct reading in 1 KHz steps; analog delta tune +/- 2 KHz from center frequency
Tuning:	Three-digit, dust resistant, push wheel switches control digital quartz-locked PLL synthesizer
Frequency Resetability:	To +/- 500 Hz
Signal Metering:	0-1 scale meter with high dynamic range circuit and backlight for night tracking.
Noise Blanking Circuit:	Removes most impulse and ignition noise to enhance tracking in difficult conditions
Operating Voltage:	10-15 VDC through external DC jack (fused cigarette lighter cord included) or internal 10-AA cell nicad rechargeable battery pack



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