

TRX-2000S RECEIVER

WMI

- Choose any 2 frequency bands, no more than 4 MHz apart
- Expanded frequency range helps avoid interference on crowded bands
- Tracks twice as many animals as the TRX-1000S Receiver
- Responsive to both strong and weak signals for precise locating
- Attenuator prevents swamping, insures accurate close-in tracking
- Noise-blanking circuit reduces unwanted signals
- Signal meter needle deflects to show signal strength, matching beep
- Signal meter is backlit to enhance night tracking
- Flashing LED (light emitting diode) matches beep and needle
- 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
- Optional lid-mounted throwaway batteries for use away from current
- Comes with recharge unit, DC cord with vehicle plug-in, and leather carrying case
- Crystal controlled synthesizer tunes in up to 200 frequencies per band
- Five year warranty on parts and labor



Engineering Specifications:

Noise Figure:	2.5 dB or better
Input Impedance:	50 ohms +/- 10%
Frequency Range:	Standard bands are 148+149 MHz, 150+151 MHz, 150.8+151.8 MHz, 151+152 MHz, 160+161 MHz, 164+165 MHz, 172+173 MHz, 216+217 MHz, 217+218 MHz, 218+219 MHz, 217+220 MHz, 219+220 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 +/- 3 KHz from center frequency
Tuning:	Three-digit, dust resistant, push wheel switches control digital quartz-locked PLL synthesizer
Sweep:	N.A.
Frequency Resetability:	To +/- 500 Hz
Signal Metering:	0-1 scale meter with high dynamic range circuit, gives minimum sensitivity of -143 dBm, 27 dB dynamic range, 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



Wildlife Materials International, Inc.

1202 Walnut Street Murphysboro, Illinois 62966 USA
USA 1-800-842-4537 FAX 1-618-687-3539 CANADA 1-800-626-2704
www.wildlifematerials.com