

TRX-1000WR RECEIVER

WMI

NEW & IMPROVED TRX-1000 FEATURES:

- Water Resistant Case/Faceplate resists rain and water splashes. (not designed to protect against water immersion)
- Noise Blanker reduces unwanted sound, now with On/Off Switch. In strong signal areas where transmitters overload circuitry, turn Off to improve dynamic range.
- Digital Circuitry allows fast, accurate tuning of transmitters. Sharp, noise-reducing audio filters make background noise drop away.
- Improved Nickel Hydride battery has double the operational capacity, and almost no memory build-up problems.



STANDARD FEATURES:

- Locates 200 animals; punch in each frequency number on digital display
- 1000 KHz frequency range avoids interference with other signals
- Attenuator prevents swamping, insures accurate close-in tracking
- Signal meter needle deflects to show signal strength
- Signal meter is backlit to enhance night tracking
- New rechargeable Nickel Hydride batteries give 12 tracking hours on full charge
- DC cord allows for external operation from vehicle's 12 v cigarette lighter
- Recharge unit, DC power cord and padded nylon carrying case are included
- Optional lid-mounted throwaway batteries for use away from current
- Five year warranty on parts and labor

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 plus manually controlled 40 dB Attenuator to prevent overload on strong signals |
| 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, 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 impulse and ignition noise to enhance tracking in difficult conditions |
| Operating Voltage: | 12-15 VDC through external DC jack (fused cigarette lighter cord included) or internal Nickel Hydride battery pack |



Wildlife Materials, 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