

Millennium TBR

Triband Portable Microwave Receiver



Applications

- Electronic News Gathering
- Portable Outside Broadcast

Features

- Available in single, dual, or triband models
- Standard bands:
 - ◆ 1.99 to 2.5 GHz
 - ◆ 6.4 to 7.1 GHz
 - ◆ 12.7 to 13.2 GHz
 - ◆ 14.7 to 15.2 GHz
- Other bands available
- Upgradeable to the new 2 GHz channel plan
- Ideal for congested environments and national and international broadcasting operations
- Switchable IF filter bandwidth
- Field-programmable synthesized audio subcarrier demodulators
- Low power consumption
- L.O. Stability: 0.002% @ 2 GHz
- Audible RCL tone aids in antenna alignment
- Direct-read RCL meter in dBm
- Switchable de-emphasis
- Video Invert Switch
- Universal Power Supply

Overview

The new Millennium TBR Triband Receiver offers outstanding operational versatility in a modern, compact package. Through extensive use of surface mount technology, the TBR Receiver offers up to three RF bands in the package size of a single band receiver. The reduced component count also offers lower power consumption and improved reliability.

Many new features have also been added to the TBR Receiver in addition to the multiband capability. The front panel meter reads receive carrier level in dBm. The receiver also offers an audible vari-rate tone relative to RCL which assists the operator in aligning the microwave path. The two field programmable audio subcarrier demodulators can be set to any combination of frequencies required. The video demodulator offers the ability to switch the de-emphasis circuit between 525 or 625 line, and flat response, as well as offering a video invert switch. All of these features add up to make the TBR Receiver the most flexible choice in any ENG field production requirement.

