

## AN/GRR-23 and AN/GRR-24 Radio Receivers

Status:       STD-A; NSN: 5820-00-123-3937  
               STD-A; NSN: 5820-00-123-3945

Reference:    TM 11-5820-805-14

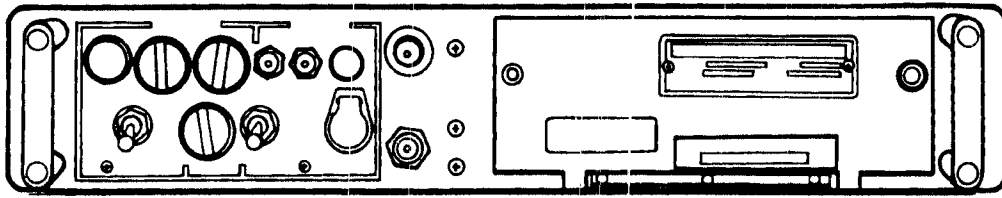
### General Information

The AN/GRR-23 is a single-channel, crystal-controlled, VHF-AM communication receiver. It can operate on any of 680 crystal-controlled channels spaced 50 kHz apart. An individual quartz crystal must be replaced to change the frequency. Conversion to the AN/GRR-24 UHF receiver is possible by replacing certain frequency determining modules with their UHF modules. This provides a receiving capability of 3,500 UHF channels. The receiver can be adapted to voice security applications by provision of an optional module and an external demodulator. It is a solid-state, single-conversion, superhetrodyne receiver designed for standard relay rack mounting.

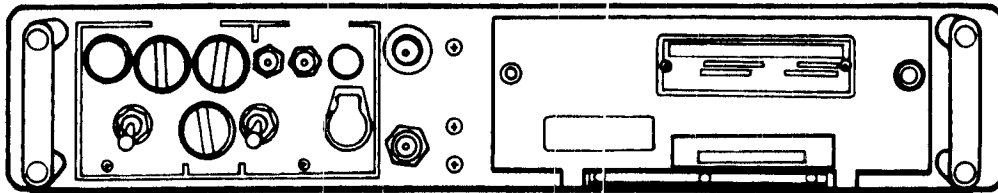
### Technical Characteristics

Frequency Range-----	AN/GRR-23: 116.00 to 149.95 MHz AN/GRR-24: 225.00 to 399.95 MHz
Number of Channels-----	AN/GRR-23: 680; AN/GRR-24: 3,500
Planning Range-----	Altitude of 0 to 10,000 feet
Power Input-----	105, 120, 210, or 240 V AC + 10 percent; 47 to 420 Hz single phase; provision for 24 V DC emergency operation
Weight-----	9.99 kg (22 lb)

**AN/GRR-23 and AN/GRR-24  
Radio Receivers**



AN/GRR-23



AN/GRR-24