

FM 24-24

**AN/VRC-53, AN/VRC-64, AN/GRC-125,
and AN/GRC-160
Radio Sets**

NSN: 5820-00-223-7467 (AN/VRC-53)
5820-00-223-7475 (AN/VRC-64)
5820-00-223-7411 (AN/GRC-125)
5820-00-223-7473 (AN/GRC-160)

Reference TM 11-5820-498-12

General Information

The AN/VRC-53 and the AN/VRC-64 are vehicular mounted. The AN/GRC-125 and the AN/GRC-160 can be used for vehicular and manpack operations. Both variations of the radio sets provide short range, two way, FM radiotelephone communication between vehicles and crew served weapons (tanks, armored personnel carriers). The radio sets are compatible with other FM radio sets in 30.00 to 75.95 MHz range.

Technical Characteristics

Frequency Range. Low band, 30.00 to 52.95 MHz;
High band, 53.00 to 75.95 MHz
Power Output. 1 to 3 W
Power Source. Batteries, dry BA-4386/U and BA-5598/U
Distance Range. 5 to 8 km (3 to 5 mi)
Antenna. Vehicular-mounted AS-1729/VRC, manpacked
AT-892 semirigid tape, AT-271A multisection whip
Vehicular Operation 24 V DC
Type of Service 30 K0F3E
Weight 15.5 kg (33.5 lb)

AN/VRC-53 and AN/VRC-64 Radio Sets

