

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

Status: STD-A; NSN: 5820-00-223-7467 (AN/VRC-53)
 STD-A; NSN: 5820-00-223-7475 (AN/VRC-64)
 STD-A; NSN: 5820-00-223-7411 (AN/GRC-125)
 STD-A; NSN: 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-----	30K0F3E
Weight-----	15.5 kg (33.5 lb)

~ USES PRC-25
CHASSIS TYPE 1000-101
~ USES PRC-77

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

