

**AN/GRC-19 Radio Set**  
*REPLACING AN/GRC-106*

Status: STD-F; NSN: 5820-00-223-7409

Reference: TM 11-5820-295-10

General Information

The AN/GRC-19 is an HF medium-power, AM voice and CW radio set designed for vehicular installation. It serves as the basic radio set for several RATT configurations and also can be used as a retransmission facility. Current tactical speech security equipment is not compatible with the AN/GRC-19; therefore, secure voice is not a mode of operation. The AN/GRC-19 has been replaced by Radio Set AN/GRC-106.

Technical Characteristics

Frequency Range-----	Transmitter, 1.5 to 20 MHz; receiver, 0.5 to 32 MHz
Planning Range-----	80 km (50 mi)
Number of Channels-----	Transmitter provides for seven preset auto-tuned frequencies
Power Input-----	28.5 V DC
Power Source-----	Vehicle power system
Power Output-----	100 W maximum
Antenna-----	4.57 m (15 ft) whip or doublet, AN/GRA-4 or AN/GRA-50
Tuning-----	Continuous
Squelch-----	Carrier
Type of Service-----	6K00A3E, 100HA1A
Weight-----	96.3 kg (212 lb)

# AN/GRC-19 Radio Set

