

AN/PRC-70 Radio Set

Status: STD-A; NSN: 5820-01-062-8246

Reference: TM 11-5820-553-10

General Information

The AN/PRC-70 is a lightweight manpack transceiver capable of netting with current tactical VHF-FM radio sets (AN/VRC-12 and AN/PRC-77 families) and AM radio sets (AN/GRC-19 family, AN/GRC-106, AN/PRC-74, AN/PRC-104A, AN/GRC-213, and AN/GRC-193A). Various configurations of this equipment are possible. It can be installed at fixed sites such as field headquarters, command posts, and forward combat areas. The radio set may be operated in all types of weather and terrain. The AN/PRC-70 can operate in the secure mode by using Speech Security Equipment TSEC/KY-57 or TSEC/KY-38.

Technical Characteristics

Frequency Range-----	2 to 75.999 MHz
Planning Range-----	FM mode, 25 km (16 mi); AM-SSB mode, 25 km (16 mi); doublet or long-wire antenna, 804.65 km (500 mi)
Power Output-----	30 W
Power Source-----	BB-651/U, BB-534/U, or Power Supply PP-6148/U
Antenna-----	Whip Antenna AS-2974/PRC, Doublet Antenna AS-2975/PRC, or long-wire antenna
Tuning-----	Detent
Squelch -----	150 Hz-tone (on FM model only)
Type of Service-----	3K0KF3E, 6K00A3E, 3K00J3E, 1K10F1B, 1K00A1B
Weight-----	17.7 kg (39 lb)

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