

FM 24-24

**AN/PRC-77
Radio Set**

NSN: 5820-00-930-3724

Reference: TM 11-5820-667-12

General Information

The AN/PRC-77 is a manpack, portable FM transceiver used to provide short-range, two-way radiotelephone voice communication. It can provide secure voice (X-mode) transmission with the TSEC/KY-57. The radio consists of RT-841/PRC-77 transceiver and minor components. The RT-841 also is used as part of Radio Sets AN/VRC-64 and AN/GRC-160.

Technical Characteristics

Frequency Range	Low band, 30.00 to 52.95 MHz; High band, 53.00 to 75.95 MHz
Planning Range	8 km (5 mi)
Power Output	0 to 4.0 W
Power Source	BA-4386/U, BA-398/U or BA55984
Antenna	AT-892/PRL-24, at 271A/PRC multisection whip or doublet
Type of Service	30K0F3E
Weight	10.7 kg (23.5 lb)

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