

## AN/PRC-77 Radio Set

Status: STD-A; 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-38 or TSEC/KY-57. The radio consists of RT-841/PRC-77 transceiver and minor components. The RT-841 is also 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-----	1.5 to 4.0 W
Power Source-----	BA-4386/U or BA-398/U
Antenna-----	AT-892 semirigid tape, AT-271A multisection whip or doublet
Type of Service-----	30K0F3E
Weight-----	10.7 kg (23.5 lb)

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