

**AN/TRC-121  
Radio Terminal Set**

**NSN:** 5820-00-168-1562

**Reference:** TM 11-5820-602-15

**General Information**

The AN/TRC-121 is an air-or vehicular-transportable radio terminal which provides a tropospheric scatter capability in corps and above command systems. It terminates two 12- or 24-channel PCM voice systems when used in conjunction with telephone terminals such as AN/TCC-60 or AN/TCC-61. An AN/GRC-106 radio provides for alignment of the AN/GRC-143 system and for communications while mobile.

**Major Components**

- 1 Shelter S-338/TRC-121 (modified S-280/G)
- 1 Radio Set AN/GRC-106
- 1 Telephone Set TA-312/PT
- 2 Radio Sets AN/GRC-143
- 2 Antenna Groups AN/TRA-37
- 1 Power Supply PP-4763A/GRC
- 1 Intercommunications Station LS-147F/FI
- 2 Converters CV-425/U

**Technical Characteristics**

Power Requirement . . . . .	115 or 230 V AC, 50 to 60 Hz
Power Consumption . . . . .	23,400 W
Weight . . . . .	2,338 kg (5,150 lb)
Vehicular Requirement . . . . .	One 2 1/2-ton truck (AN/TRC-121), One 2 1/2-ton truck (AN/TRA-37)

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