

AN/TRC-109(V) Radio Repeater Set

Status: STD-A; NSN: 5820-00-167-7999

Reference: TM 11-5820-536-15

General Information

The AN/TRC-109 is an LOS radio repeater set which provides a 12-, 24-, or 48-channel PCM cable repeater; or a 12- or 24-channel PCM or FDM radio repeater; or two 12-channel PCM radio terminals when used with separate multiplexers. The AN/TRC-109 is used by the airborne corps.

Major Components

1 Shelter S-297/TRC-109 (modified S-318/G)	2 Multiplexers TD-204/U
2 Radio Sets AN/GRC-50	1 Telephone Set TA-312/PT
2 Multiplexers TD-202/U	1 Intercommunications Station LS-147F/FI

Technical Characteristics

Power Requirement-----	115 V AC, 50 to 60 Hz
Power Consumption-----	4,458 W
Weight-----	477 kg (1,050 lb)
Vehicular Requirement-----	One 1 1/4-ton truck

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