

AN/MTC-9 Manual Telephone Central Office

Status: STD-A; NSN: 5805-00-831-6063

Reference: TM 11-5805-288-15

General Information

The AN/MTC-9 is an air- or vehicular-transportable manual central office which provides switching for 596 local-battery or common-battery subscriber lines and 60 manual or dial trunk circuits. The AN/MTC-9 is housed in two semitrailer vans, the AN/MTA-5 and the AN/MTA-7. The AN/MTA-5 contains the relays, frames, storage batteries, and power panel. The AN/MTA-7 houses nine switchboards cabled in a four-panel multiple arrangement. The AN/MTC-9 is used at signal centers in an area type communications system.

Major Components

AN/MTA-5	AN/MTA-7
7 Main Distribution Frames TA-257/TTC	9 Manual Telephone Switchboards SB-249A/TTC
6 Line Relay Circuits TA-223A/TTC	4 Telephone Sets TA-312/PT
3 Trunk Relay Circuits TA-226A/TTC	1 Air Conditioner
4 Telephone Sets TA-312/PT	1 Semitrailer Van M-348A2 (modified)
2 Power Distribution Panels SB-1032/TTC	2 Intercommunications Stations IS-147F/FI
4 Batteries BB-46	
1 Air Conditioner	
1 Semitrailer Van M-348A2 (modified)	

Technical Characteristics

Power Requirement-----115 V AC, 50 to 60 Hz

Power Consumption:

AN/MTA-5-----9,059 W

AN/MTA-7-----9,617 W

Weight:

AN/MTA-5-----8,145 kg (17,940 lb)

AN/MTA-7-----8,898 kg (19,600 lb)

Vehicular Requirement-----Two 5-ton tractors

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