

Section II. Teletypewriter

**AN/MSC-29 and AN/MSC-29A
Telegraph Terminal**

NSN: 5805-00-943-6762 (AN/MSC-29)
5805-01-095-6233 (AN/MSC-29A)

Reference: TM 11-5805-312-14

General Information

The AN/MSC-29 and the AN/MSC-29A function as a terminal for two full-duplex or four half-duplex secure teletypewriter circuits. The terminal set also provides 16 lines for switching teletypewriter transmissions from other components in an area type communications system or from local subscribers. Four of the 16 lines are equipped with telegraph-telephone signal converters and filter assemblies for speech-plus, half-duplex operation. Teletypewriter traffic is secured using the TSEC/KW-7. The AN/MSC-29 and AN/MSC-29A are used at division and corps. This item is being replaced by the AN/TSC-58.

Major Components

	AN/MSC-29	AN/MSC-29A
Telegraph-Telephone Signal Converter:		
TA-182/U	8	
CV-425/U		8
Filter Assembly:		
F-98/U	4	
F-316/U		4
Reperforator-Transmitter TT-76B/GGC	8	8
Telephone Switchboard SB-22/PT	1	1
Telephone Set TA-312/PT	1	1
Teletypewriter TT-4/TG	4	
Communications Terminal AN/UGC-74A(V)3		4
Telegraph Terminal:		
TH-5/TG	12	
TH-22/TG		12

**Major Components
(Cont.)**

	AN/MSC-29	AN/MSC-29A
COMSEC Equipment TSEC/KW-7 (not basic issue item)	6	6
Shelter S-176/MSC-29	1	1

Technical Characteristics

Power Requirement	5 V AC, 50 to 60 Hz single phase
Power Consumption	4,634 W
Weight	2,451.6 kg (5,400 lb)
Vehicular Requirement	One 2 1/2-ton truck

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