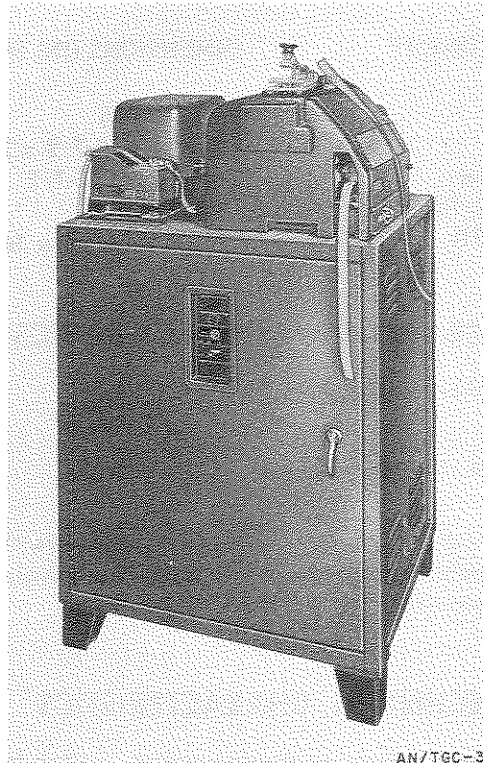


STATUS: Substitute Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Army, Navy
DATE OF THIS SHEET: 18 Dec 51

AN/TGC-3

TELETYPEWRITER SET



AN/TGC-3

Teletypewriter Set AN/TGC-3 is automatic teletypewriter transmitting and receiving equipment used at army and higher headquarters for torn-tape switching or teletypewriter relay applications by means of typed and perforated paper tape.

This equipment consists essentially of a transmitter-distributor and a receiving-only typing reperforator. It includes an operating table and related accessories. Tape received by means of the reperforator unit can be used to transmit through the transmitter-distributor.

Operates in neutral or polar channels and can be used with telegraph terminal equipment and with Teletypewriter Repeater-Mixer AN/FGQ-1.

Operates from 115-v a-c or 120-v d-c, source.

AN/TGC-3	INSTRUCTION LITERATURE: TM 11-2214
	CLASSIFICATION OF EQUIPMENT: Unclassified
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Teletypewriter table	34 x 22 x 26	205
1	Power supply	13-5/16 x 11-7/8 x 20-3/4	89
1	Distributor-Transmitter, Teletypewriter TT-52/FG	9 x 9-3/8 x 15-1/2	33
1	Reperforator TT-53/FG	11-3/4 x 13-1/2 x 16-3/4	62.25

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Army and higher headquarters.

INSTALLATION: Ground, fixed station.

CAN COMMUNICATE WITH: Terminal, repeater, or station apparatus over wire, cable, carrier, or radioteletype standard facilities composing the system in which it operates.

TECHNICAL CHARACTERISTICS

OPERATING FUNCTIONS: Power switch, monitoring switch, switch for operation with radio terminal equipment, switch for testing equipment. Automatic transmission to line circuits from perforated tape. Automatic reception from line circuits in chadless perforated tape with typing. No keyboard. No facility for page printing.

OPERATING SPEED: 368 opm.

MOTOR CHARACTERISTICS: Series-governed motor; 87.6 cyc, 2,100 rpm.

POWER REQUIREMENTS: With power unit: 300 w, 95/125/190/250 v, 25/60 cyc ac.
Without power unit: D-c supply,-- 120 v (3), 0.8-amp drain.
A-c supply,-- 115 v, 60 cyc.

PHYSICAL CHARACTERISTICS

Teletypewriter Set AN/TGC-3 weighs 490 pounds net, volume 16 cu ft. Packed for either domestic or export shipment: total weight 663 pounds, total volume 33.8 cu ft, 0.86 ship ton. Shipped in 3 packages.