

STATUS: Standard

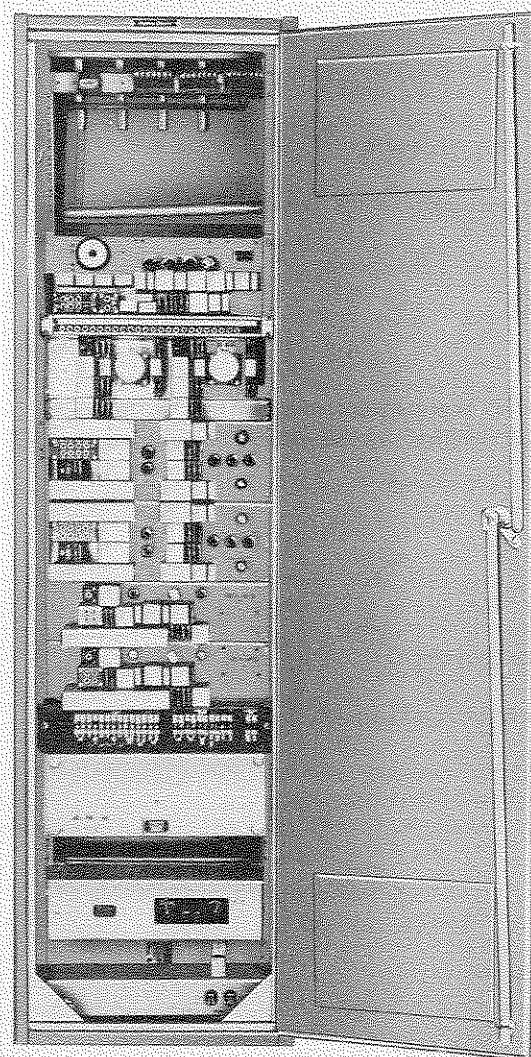
CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army, Navy

DATE OF THIS SHEET: 11 Jan 52

AN/FGC-1

RADIOTELETYPE TERMINAL EQUIPMENT



AN/FGC-1

Radioteletype Terminal Equipment AN/FGC-1 is an assemblage of control apparatus designed to be used in conjunction with radio receiving, carrier, switching, teletypewriter, and related equipment to provide space-diversity reception of frequency-shift radioteletype signals on a two-channel basis, at corps and higher headquarters.

This equipment consists essentially of control and transmission apparatus contained in a floor-type steel cabinet. It does not include radio transmitting or receiving components but provides facilities for disabling of receivers during operation of transmitters on the same frequency.

It also permits receiving and transmitting components of a terminal facility to operate independently when operating on different frequencies, thus providing effective two-channel or full-duplex operation.

This equipment can be operated in conjunction with Diversity Receiving Equipment AN/FRR-3, or suitable commercial types of receivers.

Operates on 115/230-v ac.

AN/FGC-1

INSTRUCTION LITERATURE: TM 11-356

CLASSIFICATION OF EQUIPMENT: Unclassified

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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
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(Equipment consists only of a single major operating component.)

OPERATIONAL CHARACTERISTICS**TACTICAL USE:** Corps, army, and higher headquarters in communications zone of a theater of operations.**INSTALLATION:** Ground, fixed station.**CAN COMMUNICATE WITH:** Used in conjunction with radio receiving, carrier, switching, teletypewriter and related station and terminal equipment to provide two-channel radioteletype service.**TECHNICAL CHARACTERISTICS****FREQUENCY RANGE IN MEGACYCLES:** 2 - 26 (characteristic of associated radio equipment).**TYPE MODULATION:** Am, frequency shift keying.**TYPE OF SIGNAL:** F-s teletypewriter.**POWER REQUIREMENTS:** 140 w, 115 / 230 v, 50/60 cyc, ac.**PHYSICAL CHARACTERISTICS**

Radioteletype Terminal Equipment AN/FGC-1 weighs 425 pounds net, volume 14 cu ft. Packed for domestic shipment: total weight 425 pounds, total volume 14 cu ft. Packed for export shipment: total weight 680 pounds, total volume 35 cu ft, 0.75 ship ton. Shipped in 1 package both domestic and export.