

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

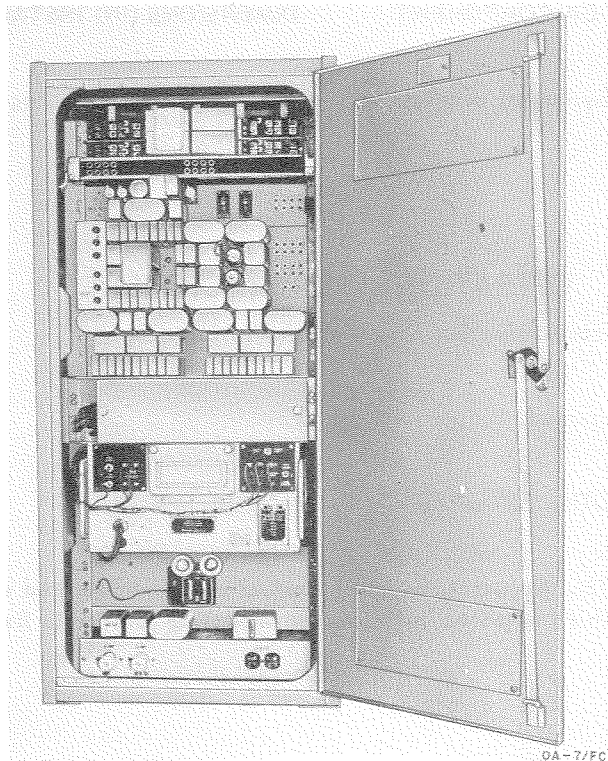
DATE OF THIS SHEET: 15 Feb 52

AN/FCC-TYPE

AN/COMP TYPE NUMBER:

OA-7/FC

TELEPHONE REPEATER



Telephone Repeater OA-7/FC is a v-f telephone equipment used to extend the operating range of 2- or 4-wire telephone systems operating over open wire or cable and serving army or equivalent headquarters.

This equipment consists of two composite sets, monitoring and power apparatus, a balancing network, and v-f ringing equipment of 500 - 1,000 cyc.

It is contained in a floor-type steel cabinet and provides for v-f telegraph on a 4-wire basis, and a bridging circuit to enable talking with other repeaters, or to the circuit terminals.

It can be used as a terminal or an intermediate repeater and is powered by 115-v ac.

AN/FCC-TYPE		INSTRUCTION LITERATURE:
		TM 11-2028
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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: Army, communication zone and zone of interior.

INSTALLATION: Fixed ground.

MAXIMUM SYSTEM LENGTH: 500 miles.

CAN COMMUNICATE WITH: Repeater, terminal, central office and related station equipment and subsidiary apparatus which operates in the same connecting facility in fixed plant systems.

TECHNICAL CHARACTERISTICS

FACILITIES REQUIRED FOR TRANSMISSION: 2-wire, or 4-wire lines.

FACILITIES AFFORDED: 2- and 4-wire phantom circuit; 2- and 4-wire physical circuit.

FREQUENCY: 200 to 2,500 cyc.

POWER REQUIREMENTS: 115v, 50/60 cyc, ac.

PHYSICAL CHARACTERISTICS

Telephone Repeater OA-7/FC measures 49 x 22-1/2 x 17 inches, net weight 300 pounds, volume 10.7 cu ft. Packed for export shipment: total weight 440 pounds, total volume 25 cu ft, 0.6 ship ton.