

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

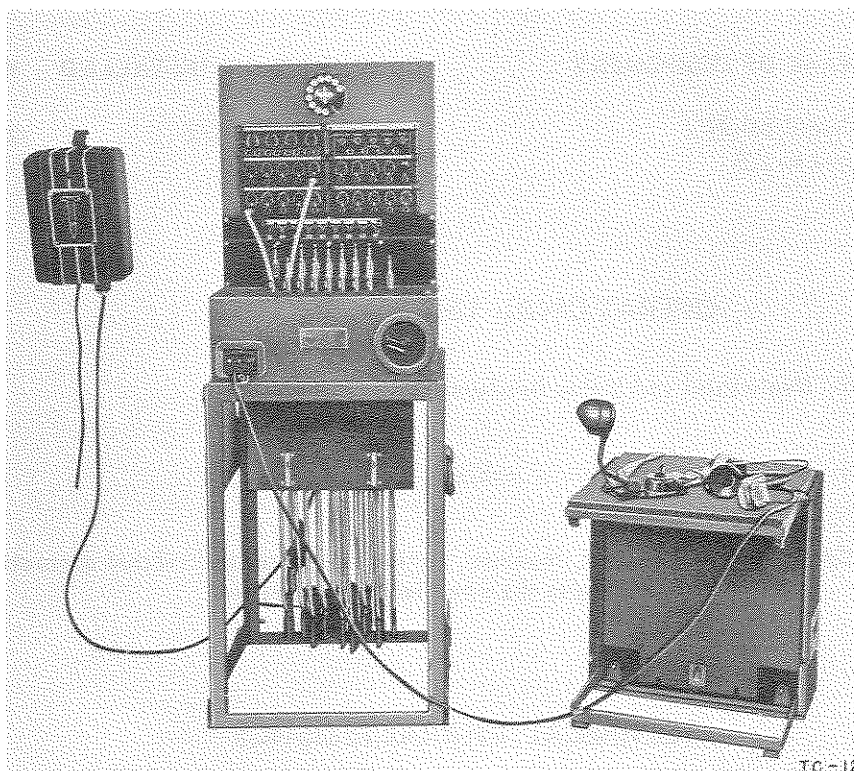
DATE OF THIS SHEET: 23 Jan 52

**AN/TTC-TYPE**

SERVICE TYPE NUMBER:

TC-12

TELEPHONE CENTRAL OFFICE SET



Telephone Central Office Set TC-12 is a complete, transportable or mobile, tactical telephone exchange for handling, originating, and terminating trunk and tie line traffic and is used in field wire and cable systems serving regimental and higher headquarters.

This equipment consists essentially of a single-position, nonmultiple, manually operated telephone switchboard and related components. Currently this equipment includes Headset HS-30, Chest Set H-18/GT, and Microphone T-45 rather than the head and chest set illustrated.

It can be used for handling magneto line calls and for originating and terminating manual common battery, automatic (dial), and ring-down tie line traffic.

Two Switchboards BD-91 of this equipment (equivalent to two Telephone Central Office Sets TC-12) can be connected and operated by one operator.

This central office is dry battery operated.

<b>AN/TTC-TYPE</b>		INSTRUCTION LITERATURE: TM 11-336
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### MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Switchboard BD-91	25-1/2 x 19 x 17-1/2	215
1	Converter M-222	8 x 7 x 7	11

### OPERATIONAL CHARACTERISTICS

**TACTICAL USE:** Regimental and higher headquarters.

**INSTALLATION:** Ground; transportable or mobile.

**CAN COMMUNICATE WITH:** Terminal, repeater, station equipment and related apparatus operating in the same facility or system.

### TECHNICAL CHARACTERISTICS

**NUMBER OF SWITCHBOARD POSITIONS:** 1

**NUMBER AND TYPE OF CIRCUITS:**

Number of cord circuits: 8 universal; 1 dial.

Number of line circuits: 20 local battery.

Number of trunk circuits: 4 common battery, manual, and dial.

**POWER REQUIREMENTS:** Six Batteries BA-30 to furnish transmitter current for operator's telephone set and night alarm buzzer.  
Two Batteries BA-23 to furnish power to Converter M-222.

### PHYSICAL CHARACTERISTICS

Telephone Central Office Set TC-12 weighs 234 pounds net, volume 5.27 cu ft. Packed for domestic shipment: total weight 415 pounds, total volume 16.27 cu ft. Shipped in 2 packages.