

STATUS: Substitute Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

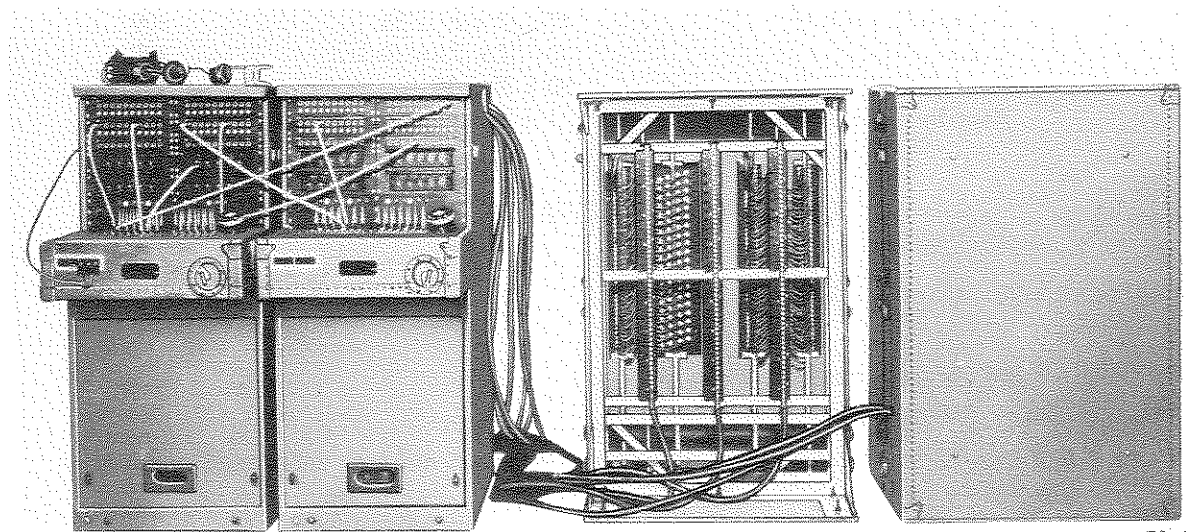
DATE OF THIS SHEET: 23 Jan 52

**AN/TTC-TYPE**

SERVICE TYPE NUMBER:

TC-2

TELEPHONE CENTRAL OFFICE SET



Telephone Central Office Set TC-2 is a complete, transportable, telephone exchange designed to handle local traffic, and originating and terminating trunk and tie-line calls in field wire systems serving corps and higher headquarters.

This equipment consists essentially of a single-position local- and common-battery nonmultiple, 2-panel, manual switchboard, main distributing frame, power panel, rectifier, power unit, and associated accessories.

Two Switchboard BD-89 (the principle component of this equipment) can be connected and operated by one operator.

It is battery-operated.

<b>AN/ TTC-TYPE</b>		INSTRUCTION LITERATURE: TM 11-340
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**MAJOR COMPONENTS**

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Switchboard BD-89	47-1/2 x 21 x 35	400
1	Cabinet BE-79	40-1/2 x 23 x 18-1/2	300
1	Panel BD-98	30 x 30 x 29	110
1	Rectifier RA-91 or RA-36	21 x 20 x 11-3/4	130

**OPERATIONAL CHARACTERISTICS**

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

**INSTALLATION:** Ground: transportable.

**CAN COMMUNICATE WITH:** Handles local traffic. Originates and terminates trunk and tie-line calls in field wire systems.

**TECHNICAL CHARACTERISTICS**

**NUMBER OF SWITCHBOARD POSITIONS:** 1.

**NUMBER AND TYPE OF CIRCUITS:**

	<u>Models BD-89-A through E</u>	<u>Model BD-89-G</u>
Number of cord circuits:	13 universal; 1 dial.	
Number of line circuits:	20 L B; 37 C B.	40.
Number of trunk circuits:	2 C B; 1 dial.	4.

**POWER REQUIREMENTS:** Power Unit PE-75(-): 2,500 w, 115 v, 60 cyc ac.  
 Rectifier RA-91 or RA-36: 2 to 12 amp, 6 to 48 v.  
 Storage Battery BB-46: 90 amp-hr, 40 to 56 v.

**PHYSICAL CHARACTERISTICS**

Telephone Central Office Set TC-2 weighs 2,900 pounds net. Packed for export shipment: total weight 3,412 pounds, total volume 146 cu ft, 3.6 ship tons.