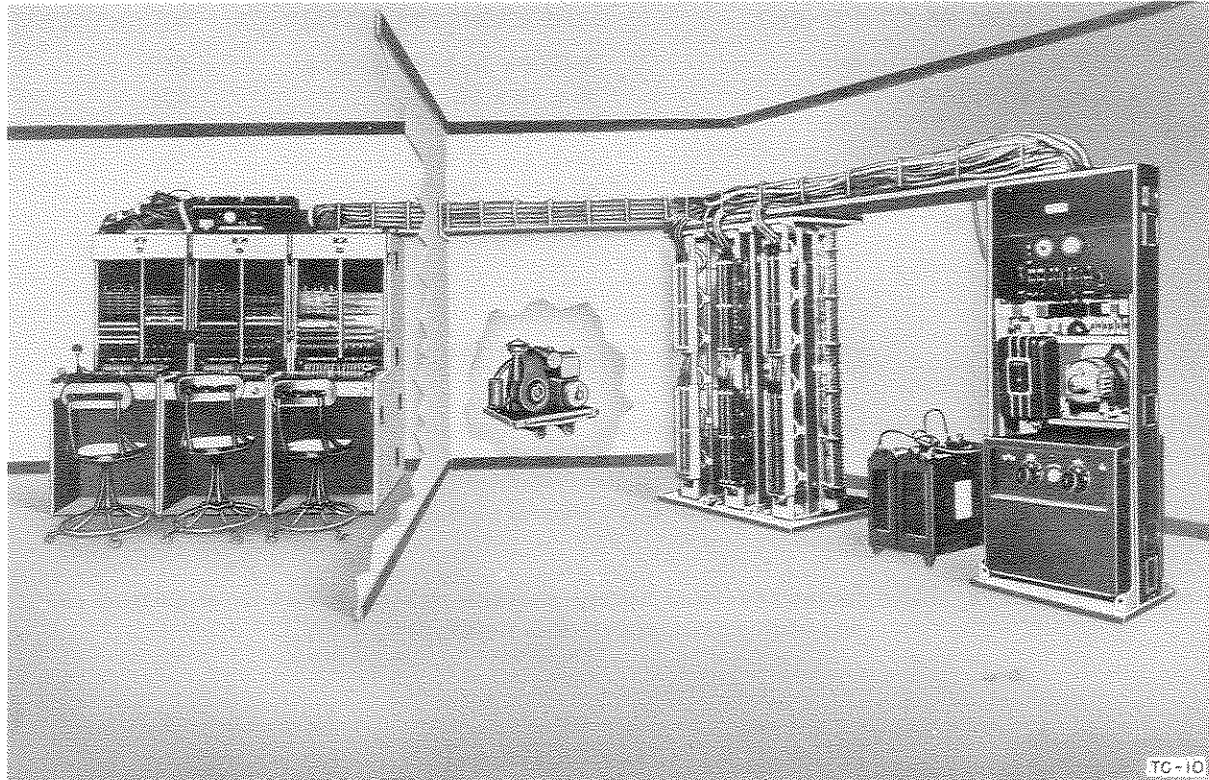


STATUS: Substitute Standard  
CLASSIFICATION OF EQUIPMENT:Unclassified  
USING SERVICE: Army  
DATE OF THIS SHEET: 9 Jan 52

**AN/TTC- TYPE**

SERVICE TYPE NUMBER: TC-10  
TELEPHONE CENTRAL OFFICE SET



Telephone Central Office Set TC-10 is a complete, transportable, 270-line manual telephone exchange. It serves both local battery and common battery lines, and is arranged for handling, originating, and terminating trunk and tie line traffic.

It is used for establishing tactical communications from forward areas to rear echelons.

This equipment can be connected into any existing telephone system, either manual or automatic. A maximum of 45 conversations can be handled simultaneously. Local battery line circuits can also be used for toll lines or two-way ring-down trunks. Trunks can be extended to manual or automatic exchanges.

**AN/TTC-TYPE**

INSTRUCTION LITERATURE: TM 11-338

CLASSIFICATION OF EQUIPMENT: Unclassified

TC-10

:SERVICE TYPE NUMBER

USING SERVICE : Army

TELEPHONE CENTRAL OFFICE SET

DATE OF THIS SHEET : 9 Jan 52

**MAJOR COMPONENTS**

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
3	Switchboard BD-110-A	26-1/4 x 36-1/2 x 63-3/4	850
1	Panel BD-132-A	26 x 18 x 58	625
1	Cabinet BE-72	26-1/2 x 7 x 9-3/16	61
3	Frame FM-19	17-1/4 x 23 x 80	180
2	Power Unit PE-75	40 x 19 x 27-1/2	324
4	Battery BB-46	15-1/2 x 6-1/2 x 14-9/16	119

**OPERATIONAL CHARACTERISTICS**

**TACTICAL USE:** Corps and higher headquarters and fixed plant installations.

**INSTALLATION:** Ground; fixed; permanent or semipermanent communications centers.

**CAN COMMUNICATE WITH:** Serves both local battery and common battery lines for originating and terminating trunk and tie line traffic.

**TECHNICAL CHARACTERISTICS**

**NUMBER OF SWITCHBOARD POSITIONS:** 3.

**NUMBER AND TYPE OF CIRCUITS:**

Number of cord circuits: 45 universal; 3 dial.

Number of line circuits: 270 (180 common battery, 90 local battery).

Number of trunk circuits: 12 two-way.

**POWER REQUIREMENTS:** 1,000 w, 110/120 v, ac, 50/60 cyc, single phase, or two Power Unit PE-75 (120 v, ac, 60 cyc, in combination with Panel BD-132-A).

**PHYSICAL CHARACTERISTICS**

Telephone Central Office Set TC-10 weighs 7,300 pounds net. Packed for export shipment: total weight 10,593 pounds, total volume 543 cu ft, 13.6 ship tons.