

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army, Air Force

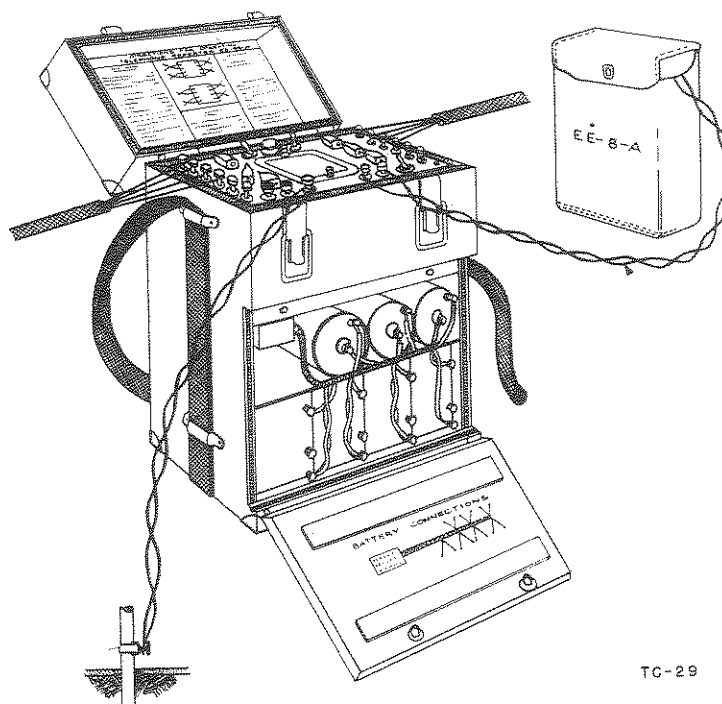
DATE OF THIS SHEET: 15 Feb 52

**AN/TCC-TYPE**

SERVICE TYPE NUMBER:

TC-29

TELEPHONE REPEATER SET



Telephone Repeater Set TC-29 is a portable repeating equipment used at intermediate or terminal points of a field telephone system to extend the transmission range of facilities serving division or higher headquarters.

This equipment consists of two amplifiers contained in a carrying case, two ground rods, and related components. It is designed for simplex operation as terminal equipment and for two-way operation over spiral-four transmission lines when used at intermediate points in a system.

Provides for monitoring and talking in either direction, and/or gain control of each of the two amplifiers, and impedance switching.

Operates from a storage battery or from dry cells which can be contained in the carrying case.

<b>AN/TCC-TYPE</b>		INSTRUCTION LITERATURE: TM 11-348
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### MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Telephone Repeater EE-99-A	14 x 12 x 8	40
1	Telephone EE-8	4 x 8 x 10	10
1	Power Supply PE-204	5-1/2 x 5-3/4 x 6-3/4	10
1	Ground Rod	72 x 1/2 (dia)	4.15
	Accessory Equipment	Not Available	16

### OPERATIONAL CHARACTERISTICS

**TACTICAL USE:** Division and higher units.

**INSTALLATION:** Ground, portable.

**CAN COMMUNICATE WITH:** Repeater, terminal, or central office equipment operating in field wire or equivalent facilities or systems.

### TECHNICAL CHARACTERISTICS

**NUMBER AND TYPE OF FACILITIES:** Field wire, open wire, and spiral- four facilities.  
Simplex and phantom circuit operation, with monitoring and talking in either direction.

**POWER REQUIREMENTS:** One 12-v storage battery or three Batteries BA-23 and four Batteries BA-36.

### PHYSICAL CHARACTERISTICS

Telephone Repeater Set TC-29 weighs 80 pounds net.