

STATUS: Standard CLASSIFICATION OF EQUIPMENT: Unclassified USING SERVICE: Army DATE OF THIS SHEET: 23 Jan 52	AN/TTC-TYPE
	SERVICE TYPE NUMBER: EE-89 TELEPHONE REPEATER



Telephone Repeater EE-89 is a portable, two-wire repeater equipment which is installed at intermediate points of a tactical field wire system (at junctions of sections having similar characteristics) to extend the normal transmission range of facilities serving division and higher headquarters.

Equipment consists of amplifier equipment and related control apparatus contained in a wooden field case fitted with carrying straps. The case has space for the necessary batteries.

May be used at the exact center of a loaded section but not at junctions of loaded and nonloaded sections. Two can be used in tandem in the same circuit.

Telephone EE-8 can be bridged across this equipment.

AN/TTC-TYPE		INSTRUCTION LITERATURE: TM 11-2006
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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: Division and higher headquarters.

INSTALLATION: Ground; transportable; operates in fixed locations under shelter or in the open.

CAN COMMUNICATE WITH: Equipment and apparatus of field wire systems, operating in the same connecting facility.

TECHNICAL CHARACTERISTICS

NUMBER AND TYPE OF FACILITIES: Two-wire; same pair used for transmission in both directions. Provides for simplex telegraph and 20-cyc ringing over lines using one or more of these repeaters.

POWER REQUIREMENTS: Self-contained Battery BA-40.

PHYSICAL CHARACTERISTICS

Telephone Repeater EE-89 measures 8-1/2 x 9 x 7 inches, net weight 6.5 pounds, volume 0.03 cu ft. Packed for domestic shipment: total weight 8 pounds, total volume 0.05 cu ft. Packed for export shipment: total weight 20 pounds, total volume 1 cu ft. Shipped in 1 package both domestic and export.