

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

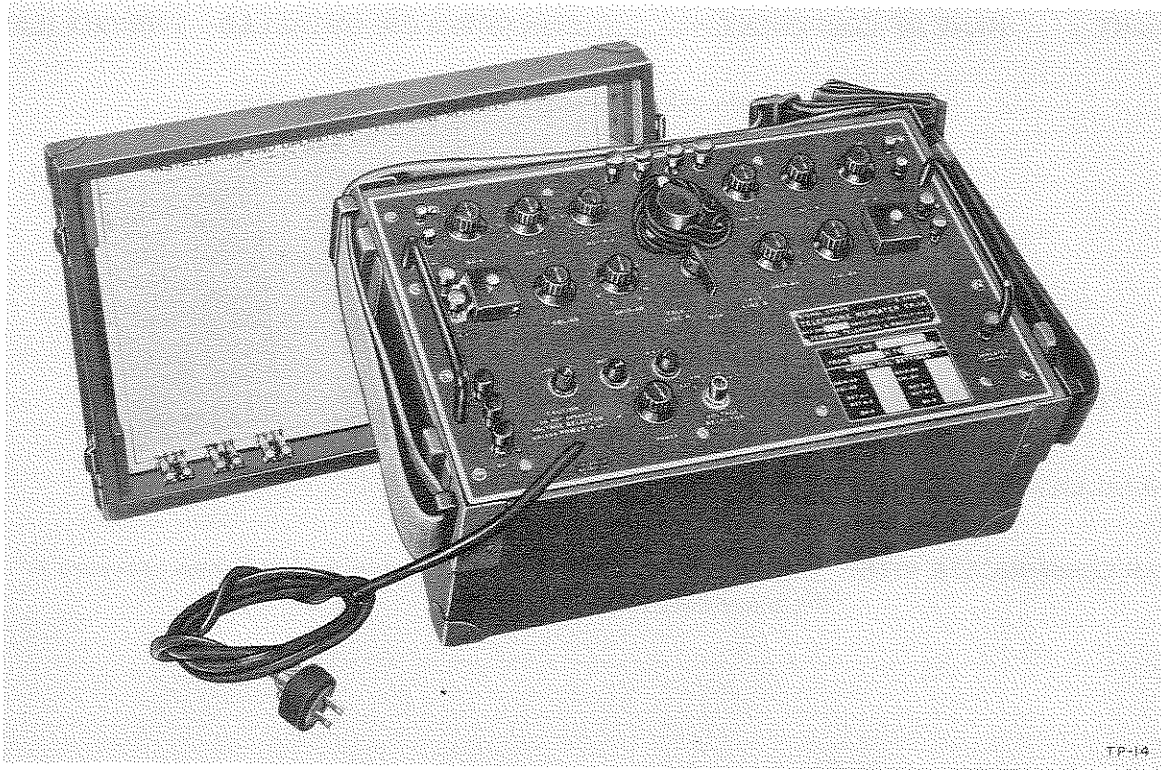
DATE OF THIS SHEET: 11 Jun 52

AN/GTC-TYPE

SERVICE TYPE NUMBER:

TP-14

TELEPHONE REPEATER



Telephone Repeater TP-14 is a portable, field, 22-type repeater equipment used to extend the range of two-wire (open wire or field cable) facilities which serve division or equivalent headquarters.

This equipment consists of a completely self-contained unit including the amplifier, filters, equalizers, line-balancing networks, and related items. It is a panel-mounted apparatus contained in a protective box or case. Can be removed from its housing for rack-and-panel mounted applications for fixed station use.

Two of these repeaters may be used in tandem to extend circuits where mixed facilities, such as open wire and field cable, are used, and can be installed at terminal or intermediate points of a system.

It operates from 110/130 or 220/250 v ac, from a 12-v storage battery, or from suitable dry batteries.

AN/GTC-TYPE		INSTRUCTION LITERATURE: TM 11-2007, TM 11-4412.
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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; fixed or portable.

CAN COMMUNICATE WITH: Repeater, terminal, central office and related apparatus operating in the connecting facility or system.

TECHNICAL CHARACTERISTICS

NUMBER AND TYPE OF FACILITIES: Four-wire.
Two-wire to four-wire.

POWER REQUIREMENTS: 110-130 v, 50/60 cyc ac, (11 w) or
220-250 v, 50/60 cyc ac, (11 w) or
12-v storage battery, (800-ma drain) or
dry cells 135 v dc, (20-ma drain) and
12 v dc, 150-ma drain.

PHYSICAL CHARACTERISTICS

Telephone Repeater TP-14 measures 17-1/2 x 11 x 8 inches.