

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

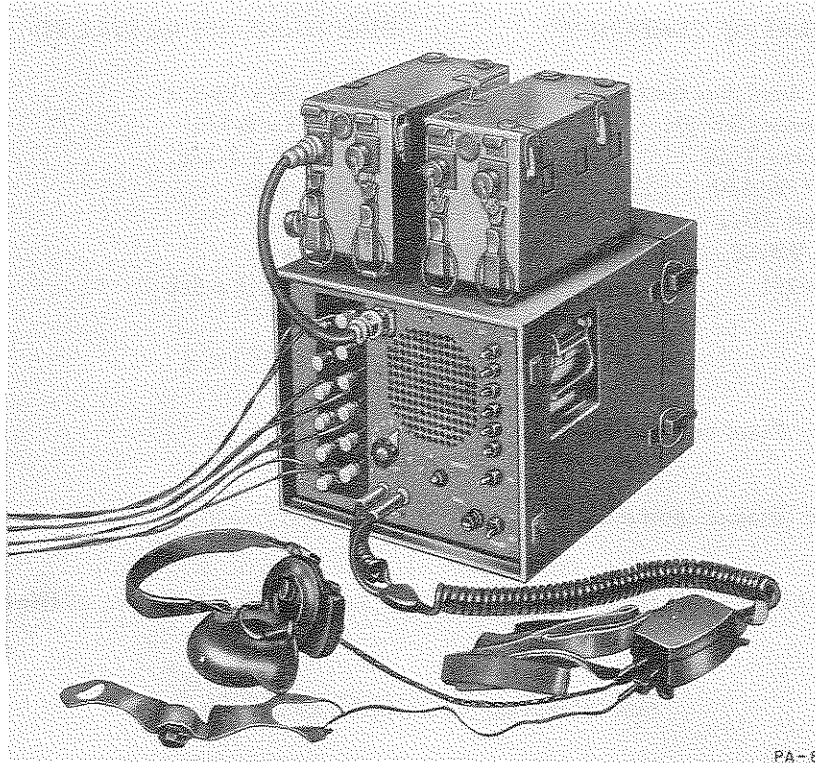
DATE OF THIS SHEET: 31 Jan 52

AN/TIQ-TYPE

SERVICE TYPE NUMBER:

PA-8

INTERCOMMUNICATION SET



Intercommunication Set PA-8 is rugged, portable, sound-amplifying and projecting equipment used as a loudspeaker intercommunication system serving displaced elements of a field artillery battery.

This equipment consists of a single amplifier unit, battery boxes, a head-and-chest set, and related accessories. The master control unit and remote station speaker units are blastproof and waterproof.

It can be used for two-way half-duplex type communication and can interconnect up to six remote speaker station units on a single station or all call basis. Provides for calling the master or control station from a speaker station unit only when the master station selector switch is "on."

Operates from rechargeable 2-v batteries (Battery BB-54).

AN/TIQ-TYPE		INSTRUCTION LITERATURE: TM 11-2564
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Control Amplifier Unit BC-1346	10-5/8 x 16 x 13-3/4	36.
4	Loudspeaker LS-13	7 x 11-7/8 x 8-1/2	11.25
1	Microphone T-45	3/8 x 1-1/4 x 1-1/4	0.11
1	Headset H-16/U	8 x 3-3/4 x 6	0.75
1	Chest Set TD-4	1-3/8 x 3 x 6	0.7
9	Battery BB-54	5 1/2 x 3 x 4	3.25
1	Box CH-291	6-1/4 x 11-3/4 x 5-1/2	3.25

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Field artillery battery.

INSTALLATION: Ground, portable.

CAN COMMUNICATE WITH: No specific equipment. Sound-in-air equipment, audiences, or groups of personnel.

TECHNICAL CHARACTERISTICS

FACILITIES AFFORDED: Central station can communicate with one or all remote stations on a listen-talk basis. Remote station can communicate with central station only if central station is standing by for that (or all) remote station.

TYPE CONTROLS:

Control-amplifier: Six speaker off-on switches; all-speakers off-on switch; listen-talk switch; volume control; on-off power switch.

POWER OUTPUT: 1.5 w.

POWER REQUIREMENTS: Three BB-54 in series 6 v from three batteries in series or from six batteries in series parallel.

PHYSICAL CHARACTERISTICS

Intercommunication Set PA-8 weighs 125 pounds net, volume 4.5 cu ft. Packed for export shipment: total weight 296 pounds, total volume 17 cu ft. Shipped in four packages.