

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

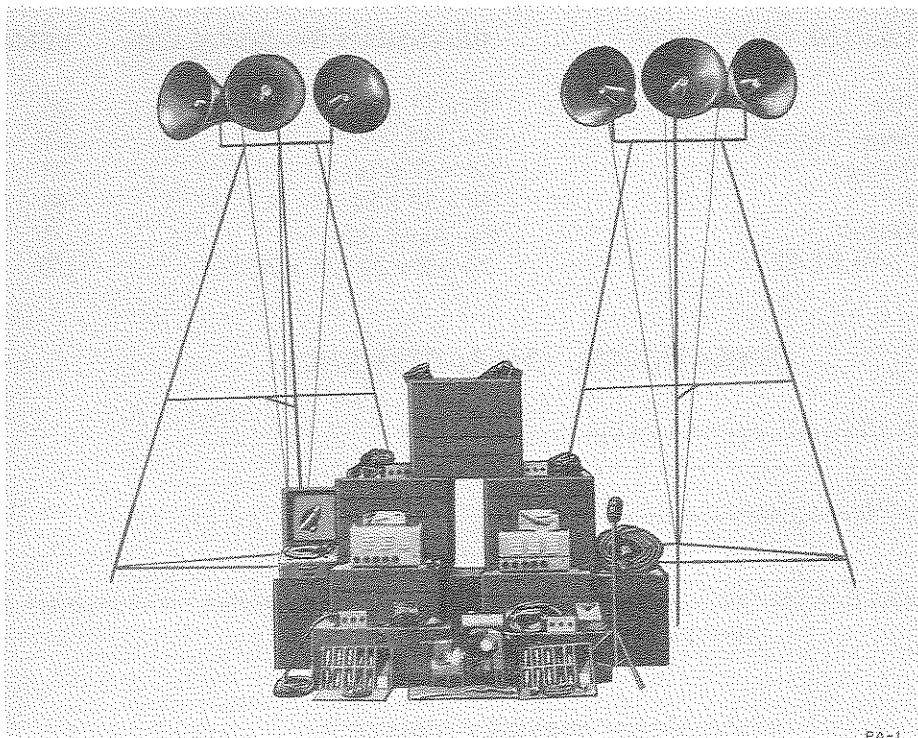
DATE OF THIS SHEET: 30 Jan 52

AN/TIQ-TYPE

SERVICE TYPE NUMBER:

PA-1

PUBLIC ADDRESS SET



Public Address Set PA-1 is a transportable, medium-power sound amplifying and projecting equipment used in conjunction with microphone, record player, radio, or equivalent sound signal sources for commands, briefing instructions, training and morale applications, and similar uses at posts, camps, and stations.

This equipment consists essentially of two 50-w audio amplifiers, an adjustable speed (78 and 33-1/3 rpm) record turntable, six loudspeaker units, power equipment, and accessories.

Provision is made for connection of a radio tuner. The set can cover an area of about 8,000 square feet and can be heard at a distance of 3,000 feet.

Operates on 115v ac.

AN/TIQ-TYPE		INSTRUCTION LITERATURE: TM 11-442
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
2	Amplifier	11 x 11 x 18	75
1	Reproducer (record player)	9 x 15-1/2 x 19	35
6	Loudspeaker	25 x 27 (diam)	27
2	Stands	10 x 15 x 96	70
2	Microphone	Not Avail able	3
1	Power Unit PE-75	22-1/2 x 22-1/4 x 22-1/2	150

OPERATIONAL CHARACTERISTICS

TACTICAL USE: General use and schools.

INSTALLATION: Ground, transportable.

CAN COMMUNICATE WITH: No specific equipment. Sound-in-air apparatus which projects sound to groups of personnel.

TECHNICAL CHARACTERISTICS

FACILITIES AFFORDED: Two microphone input; one two-speed (78- or 33-1/3-rpm) record player input; provision for radio tuner input.
Two loudspeaker output channels.

TYPE CONTROLS: Amplifier: On-off, microphone, record, radio, master-gain, tone, music-speech, volume.

Record player: On-off, volume, tone.

POWER OUTPUT: 50 w (normal); 100 w (maximum).

POWER REQUIREMENTS: 285 voltamperes at 105-125 v, 60 cyc ac.

PHYSICAL CHARACTERISTICS

Public Address Set PA-1 packed for export shipment: total weight 1,578 pounds, total volume 65 cu ft, 1.63 ship tons.