

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

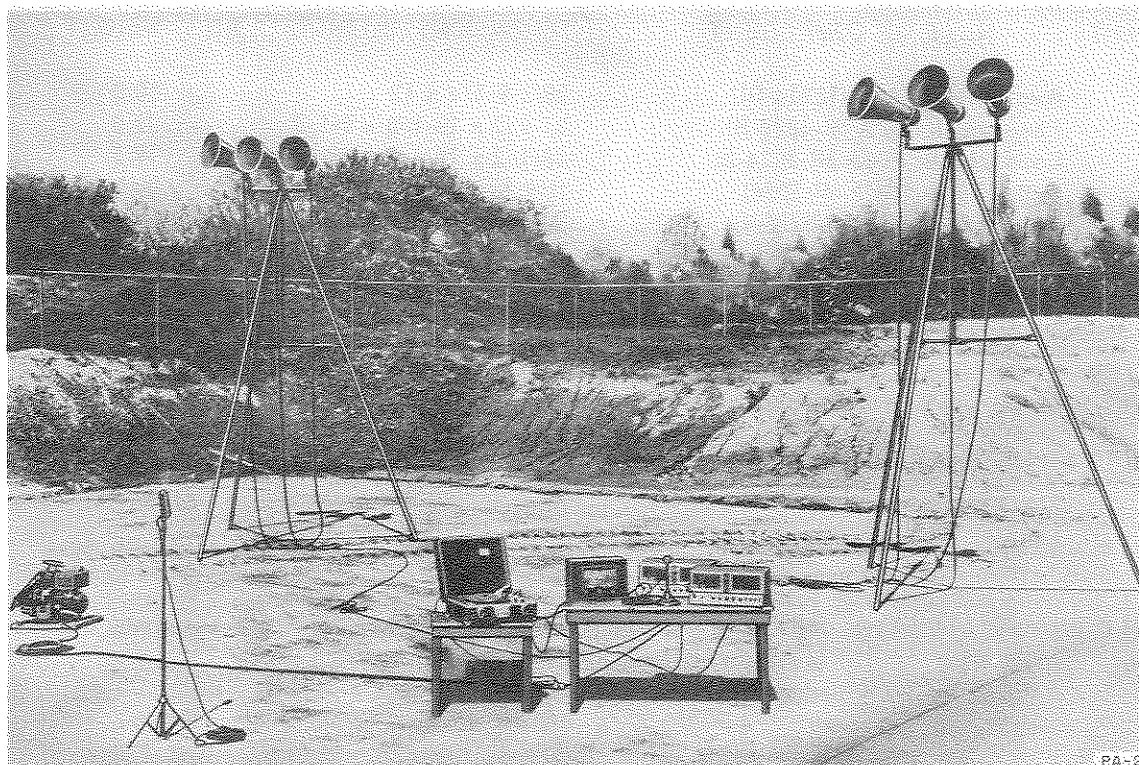
DATE OF THIS SHEET: 23 Jan 52

**AN/TIQ-TYPE**

SERVICE TYPE NUMBER:

PA-2

PUBLIC ADDRESS SET



Public Address Set PA-2 is a transportable, medium-power, public address, or sound projecting equipment by means of which voice or music from a microphone, record player, or radio tuner can be amplified and projected to audiences. It is used for delivering commands, briefing, and training or for recreational and morale activities. It can be used on the ground, either indoors or outdoors.

This equipment consists essentially of two audio power amplifiers, a record player, an all-wave radio tuner, a power unit, microphones, loudspeakers, and related accessories.

The radio tuner has a frequency range from 0.54 to 22.5 mc which is covered in five bands. The announcing microphone and unidirectional pick-up microphone may be used independently or simultaneously. The record player is an adjustable two-speed (78 or 33-1/3 rpm) unit.

This equipment operates on commercial or auxiliary 115 v ac.

AN/TIQ-TYPE		INSTRUCTION LITERATURE: TM 11-449
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### MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
2	Amplifier (RCA MI-12214-GI)	29 x 9-1/4 x 12	50.0
1	Phonograph (RCA MI-4829-B)	21-1/2 x 19-1/8 x 9-1/2	32.0
6	Loudspeaker (RCA MI-2924-2)	18-1/2 x 18-1/2 x 29-3/4	19.5
1	Radio Tuner (RCA MI-5056)	Not Available	Not Available
1	Microphone (RCA MI-6226-J)	2-5/8 x 3 x 3-5/8	2.25
1	Microphone (RCA MI-2199)	3-3/4 x 8 x 2-5/8	2.0
1	Power Unit, 1 kw		

### OPERATIONAL CHARACTERISTICS

TACTICAL USE: Division and equivalent levels.

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 channels, one record player input channel, one radio tuner input channel, and two loudspeaker output channels.

TYPE CONTROLS: Amplifier: MIC-1, MIC-2, master gain, low tone, high tone, on-off.  
Record player: volume, tone, speed shifter, speed control, on-off.  
Radio tuner: tuning, volume-on-off, tone, band selector.

POWER OUTPUT: 50 w.

POWER REQUIREMENTS: 640 to 1,000 w, 115 v, 60 cyc ac from commercial power source or Power Unit PE-75, or equal.

### PHYSICAL CHARACTERISTICS

Public Address Set PA-2 packed for export shipment: total weight 2,000 pounds, total volume 80 cu ft, 2 ship tons.