

STATUS: Limited Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Army
DATE OF THIS SHEET: 8 Jan 52

AN/SIQ-1

PUBLIC ADDRESS SET



Public Address Set AN/SIQ-1 is a medium-power, sound amplifying and projecting equipment used for briefing, training, or morale purposes. It is designed primarily for shipboard use. It can also be used in indoor or outdoor auditoriums as required.

This equipment consists essentially of a combined two-speed phonograph turntable and audio amplifier, microphones, speakers, and related accessories. It is so arranged that the entire equipment can be packed into seven carrying cases each of which can be carried by two men.

Sound signals, whether speech or music, are picked up by means of the microphones or by means of the 33-1/3 or 78-rpm disk recording equipment, but there is no provision for input from wire communication or radio receiving equipment.

It operates on 115v ac or, by means of the rotary converter component, on 115 v dc.

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INSTRUCTION LITERATURE: TM 11-2577

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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Amplifier-phonograph	17-1/4 x 18-3/4 x 23-3/4	83
1	Rotary converter	7-13/16 x 7-13/16 x 13-1/2	73
2	Microphone (with stand)	Not Available	Not Available
4	Loudspeaker (with stand)	" "	" "

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Post, camps, PW areas, division or higher headquarters.

INSTALLATION: Ground, portable.

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

TECHNICAL CHARACTERISTICS

FACILITIES AFFORDED: Two loudspeaker output channels, for 1 or 2 or for 3 or 4 speakers. One microphone, or amplifier-record-player, input. 10-, 12-, or 16-inch recordings at 33-1/2 or 78 rpm.

TYPE CONTROLS: Amplifier: volume, auxiliary volume, on-off, microphone-phono selector. Phono: on-off, Microphone: press-to-talk switch.

POWER OUTPUT: 50 w.

POWER REQUIREMENTS: 250 w, 115 v, 60 cyc, single-phase ac. or 250 w, 115 v dc through converter.

PHYSICAL CHARACTERISTICS

Public Address Set AN/SIQ-1 packed for domestic shipment: total weight 536 pounds, total volume 59.3 cu ft, 1.49 ship tons. Shipped in 7 packages.