

STATUS: Standard

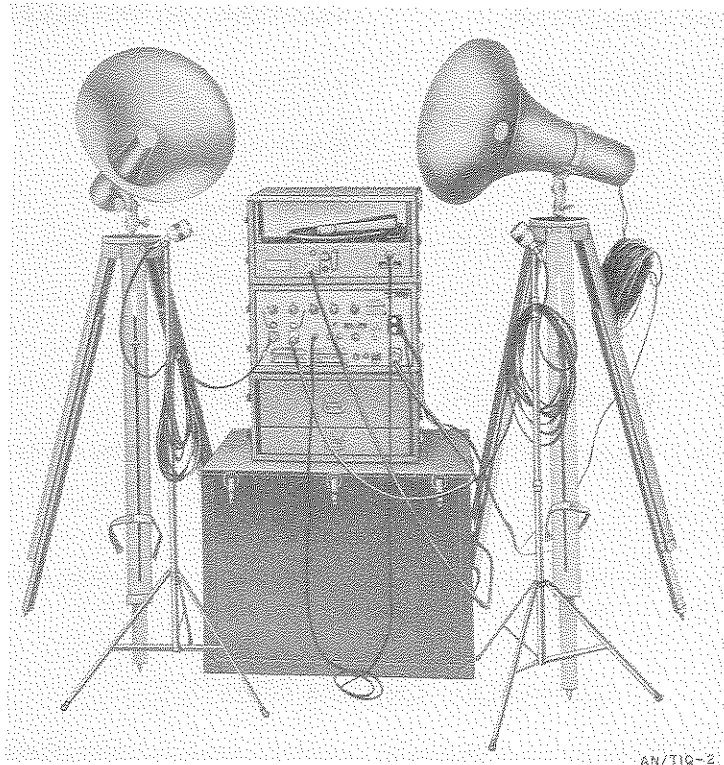
CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army, Navy

DATE OF THIS SHEET: 15 Feb 52

**AN/TIQ-2**

PUBLIC ADDRESS SET



Public Address Set AN/TIQ-2 is a transportable, medium-power, sound amplifying and projecting equipment used to project speech, music, or signals from radio, communication circuits, or records, for special service and morale applications or for use by military police and security troops.

This equipment consists essentially of a medium-power audio amplifier, a phonograph turntable, loudspeakers, and related accessories. It is contained in field-type carrying cases.

It can be operated from sources of 115/230-v a-c power or from a 6- or 12-v storage battery through Vibrator Power Supply PP-31/TIQ-2.

# AN/TIQ-2

INSTRUCTION LITERATURE: TM 11-2586  
 CLASSIFICATION OF EQUIPMENT: Unclassified  
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## MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Case CY-38/TIQ-2 (Amplifier AM-20/TIQ-2)	10 x 16 x 21	75.0
1	Case CY-38/TIQ-2 (Turntable MX-39/TIQ-2)	10 x 16 x 21	47.0
2	Loudspeaker LS-103/TIQ-2	19 x 25 (diameter)	22.0
2	Loudspeaker Stand MT-128/TIQ-2	48 (collapsed)	18.5
2	Microphone M-2/U	Not Available	0.875
2	Microphone stand	" "	4.0

## OPERATIONAL CHARACTERISTICS

**TACTICAL USE:** Signal company, infantry regiment of infantry divisions, military police company.

**INSTALLATION:** Ground.

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

## TECHNICAL CHARACTERISTICS

**FACILITIES AFFORDED:** Seven input channels; two high-impedance microphones, two low-impedance microphones, one carbon microphone, one radio, one line or phonograph. Output transformer is vari-tapped for speaker matching. Output circuit tapped to provide input voltage for additional amplifier.

**TYPE CONTROLS:** Amplifier: Volume controls, tone control, on-off switch, power selector switch, and input selector switch.  
 Turntable: Off-voltage selector switch and motor switch.

**POWER OUTPUT:** 20 w (at less than 5% distortion).

**POWER REQUIREMENTS:** 175 w from: 115/230-v, 60-cyc source or 6- or 12-v storage battery through Vibrator Power Supply PP-31/TIQ-2.

## PHYSICAL CHARACTERISTICS

Public Address Set AN/TIQ-2 packed for export shipment: total weight 576 pounds, total volume 31.04 cu ft, 0.8 ship ton. Shipped in 3 packages.