

DEPARTMENT OF THE ARMY
TECHNICAL MANUAL

TM 11-2586

DEPARTMENT OF THE AIR
FORCE TECHNICAL ORDER

TO 31S1-2TIQ2-1

PUBLIC

ADDRESS SETS

AN/TIQ-2, AN/TIQ-2A

AND AN/TIQ-2B

This copy is a reprint which includes current
pages from Changes 7 through 10.

DEPARTMENTS OF THE ARMY AND THE AIR FORCE

NOVEMBER 1955

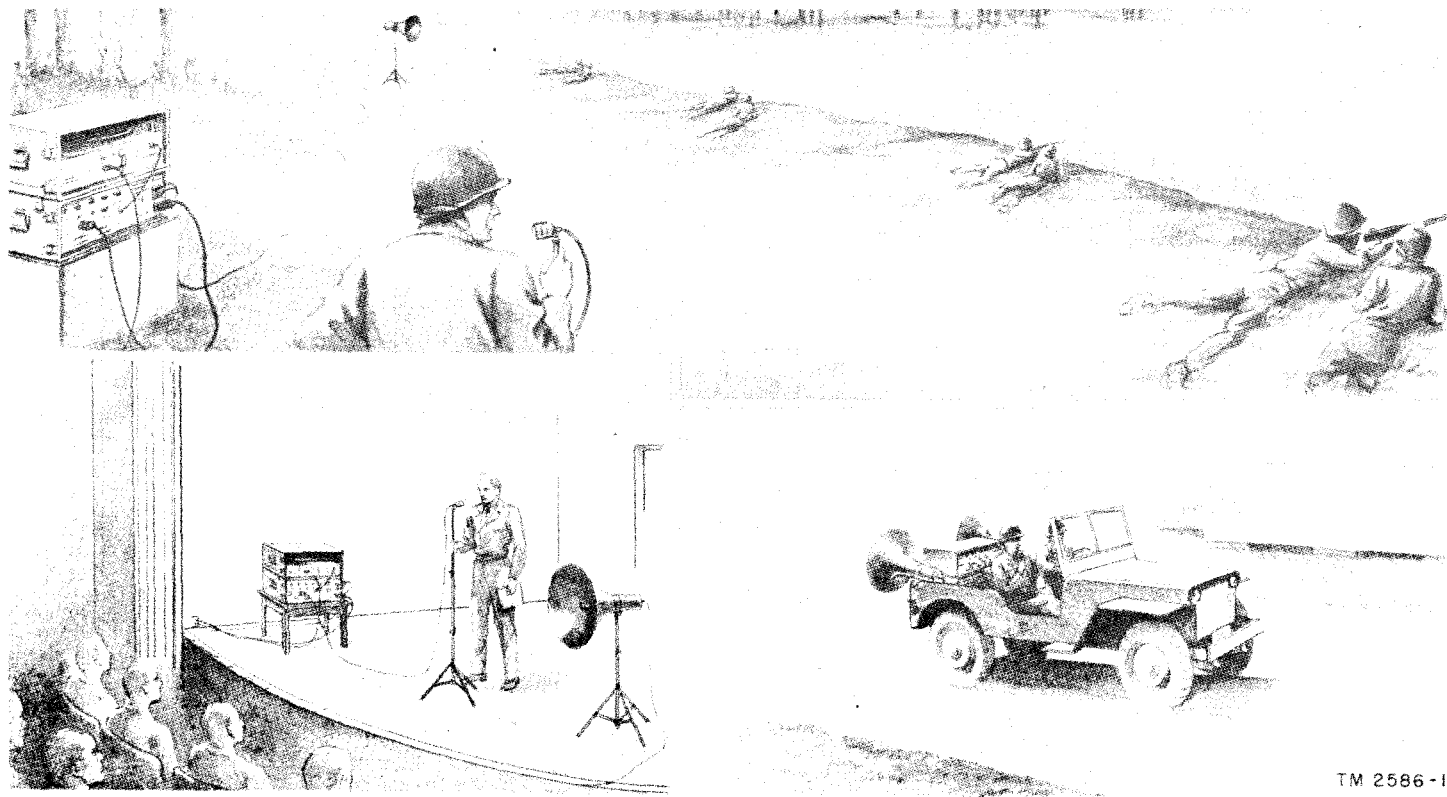
TECHNICAL MANUAL
No. 11-2586
TECHNICAL ORDER
No. 31S1-2TIQ2-1

DEPARTMENTS OF THE ARMY
AND THE AIR FORCE
WASHINGTON 25, D. C., 29 November 1955

PUBLIC ADDRESS SETS AN/TIQ-2, AN/TIQ-2A, AND AN/TIQ-2B.

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* This manual supersedes TM 11-2586. 15 April 1947, including C 1, 6 August 1948; C 2, 18 April 1949 and C 3, 28 November 1952.



TM 2586-1

Figure 1. Operation of Public Address Set AN/TIQ-2().*

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1. Scope

a. This manual contains complete instructions for the installation, operation, maintenance, and repair of Public Address Set AN/TIQ-2 (*) .

b. Basic nomenclature followed by (*) is used to cover all models of an item of equipment included in this manual: For example, Public Address Set AN/TIQ-2 (*) refers to Public Address Sets AN/TIQ-2, AN/TIQ-2A, and AN/TIQ-2B. Amplifier AM-20(*)/TIQ-2 refers to Amplifiers AM-20/TIQ-2, AM-20A/TIQ-2, AM-20B/TIQ-2, and AM-20B/TIQ-2 (modified). Turntable MX-39(*)/TIQ-2, refers to Turntables MX-39/TIQ-2 and MX-39A/TIQ-2. Headset HS-30-(*) refers to HS-30, HS-30-A, -B, -C, -D, -E, -F, -G, -H, -J, -K, -L, -M, -N, -O, -R, and -U. Loudspeaker LS-103(*)/TIQ-2 refers to Loudspeakers LS-103/TIQ-2 and LS-103A/TIQ-2. Case CY-37(*)/TIQ-2 refers to Case CY-37/TIQ-2 and CY-37A/TIQ-2. Loudspeaker Stand MT-128(*)/TIQ-2 refers to Loudspeakers Stands MT-128/TIQ-2 and MT-128A/TIQ-2. Microphone Stand MT-596 (*) /U refers to Microphone Stands MT-596/U, MT-596A/U, and MT-596B/U. Vibrator Pack PP-31(*)/TIQ-2 refers to Vibrator Packs PP-31/TIQ-2, PP-31A/TIQ-2, and PP-31B/TIQ-2. Rotary Converter PU-143(*)/U refers to Rotary Converter PU-143/U, PU-143A/U, and PU-143B/U. Power Unit PE-214-(*) refers to Power Units PE-214, PE-214-A, PE-214-B, PE-214-C and PE-214-D.

c. Comments on this manual should be forwarded direct to the Commanding Officer, Signal Corps Publications Agency, Fort Monmouth, N. J., ATTN: Standards Division.

2. Forms and Records

Use the following forms for reporting unsatisfactory conditions of Army equipment and materiel, and when performing preventive maintenance.

a. DD Form 6 (Report of Damaged or Improper Shipment) will be filled out and forwarded as prescribed in SR 74545-5 (Army);

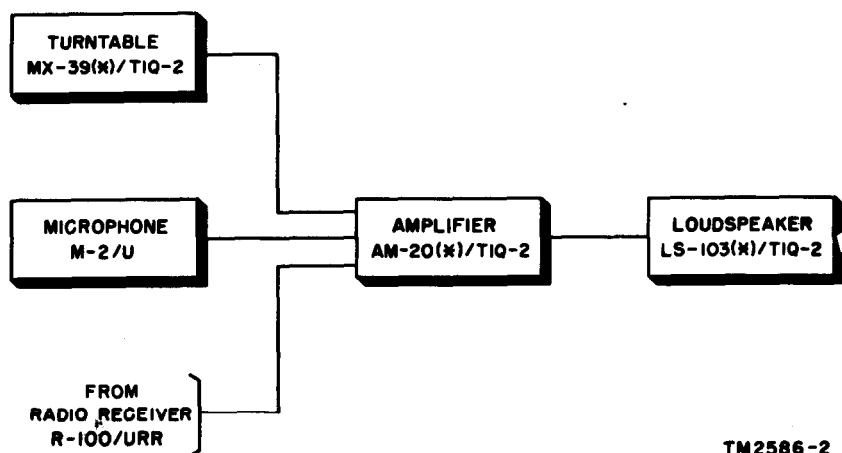


Figure 2. PA set, functional block diagram.

Navy Shipping Guide, Article 18504 (Navy) ; and AFR 71-4 (Air Force) .

b. DA Form 468 (Unsatisfactory Equipment Report) will be filled out and forwarded to the office of the Chief Signal Officer as prescribed in 700-45-5.

c. DD Form 535 (Unsatisfactory Report) will be filled out and forwarded to Commanding General, Air Materiel Command, Wright-Patterson Air Force Base, Dayton, Ohio, as prescribed in SR 700-45-5 and AF TO 00-35D-54,

d. DA Form 11-250 (Operator First Echelon Maintenance Check List for Signal Corps Equipment (Public Address, Recorder, Reproducer)) (fig. 25) will be prepared in accordance with the instructions on the back of the form.

e. DA Form 11-251 (Second and Third Echelon Maintenance Check List for Signal Corps Equipment (Public Address, Recorder, Reproducer)) (fig. 26) will be prepared in accordance with the instructions on the back of the form.

f. Use other forms and records as authorized.

Section II. DESCRIPTION AND DATA

3. Purpose and Use

a. *Purpose.* Public Address Set AN/TIQ-2(*) is a portable loud-speaker system which permits an individual to speak to large groups of troops or to troops dispersed over a wide area (fig. 1). It also provides facilities for retransmitting radio programs and recordings. The public address (PA) set can be operated on either alternating current (ac) or direct current (dc).