

ARMY TM 11-5805-386-12
NAVY NAVELEX 0967-466-1010

**OPERATOR'S AND ORGANIZATIONAL
MAINTENANCE MANUAL
INCLUDING REPAIR PARTS AND SPECIAL TOOLS LISTS
FOR
CONVERTER, TELEPHONE SIGNAL CV-1919A/G
[FSN 5805-229-5417]**

**DEPARTMENTS OF THE ARMY AND THE NAVY
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TECHNICAL MANUAL
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CONVERTER, TELEPHONE SIGNAL CV-1919A/G
(FSN 5805-229-5417)

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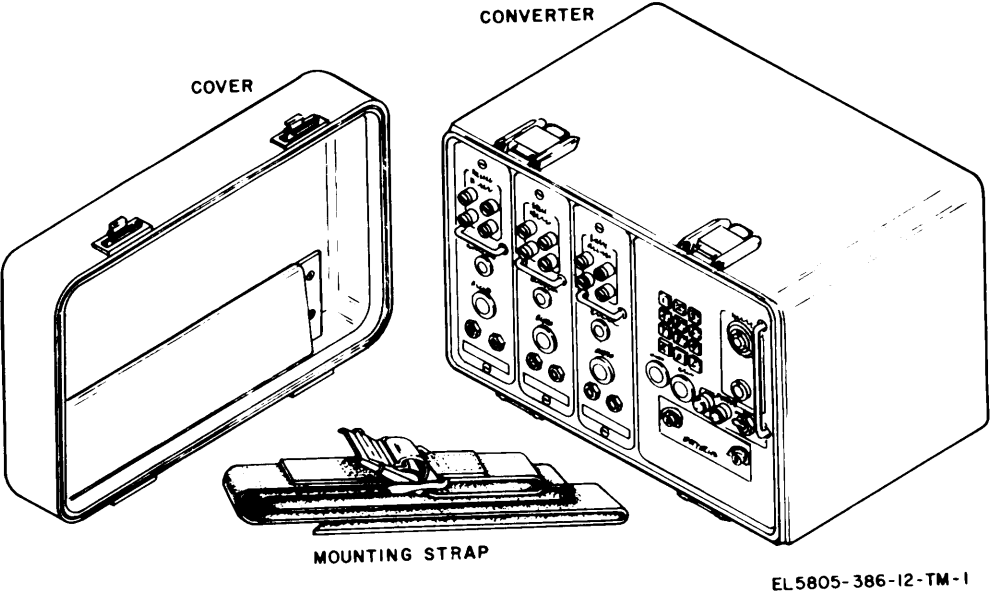


Figure 1-1. Converter, Telephone Signal CV-1919A/G.

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

This manual describes Converter, Telephone Signal CV-1919A/G (fig. 1-1), and covers installation, operation, and maintenance. It includes instructions for all operational modes and instructions for operator and organizational maintenance.

1-2. Indexes of Publications

a. DA Pam 310-4. Refer to the latest issue of DA Pam 310-4 to determine whether there are new editions, changes, or additional publications pertaining to the equipment.

b. DA Pam 310-7. Refer to the latest issue of DA Pam 310-7 to determine whether there are modification work orders (MWO's) pertaining to the equipment.

1-3. Forms and Records

a. Reports of Maintenance and Unsatisfactory Equipment. Maintenance forms, records, and reports which are to be used by maintenance personnel at all maintenance levels are listed in and prescribed by TM 38-750.

b. Report of Packaging and Handling Deficiencies. Fill out and forward DD Form 6 (Report of Packaging and Handling Deficiencies) as

prescribed in AR 700-58/NAVSUP PUB 378/AFR 71-4/MCO P4030.29, and DSAR 4145.8.

c. Discrepancy in Shipment Report (DISREP) (SF 361). Fill out and forward Discrepancy in Shipment Report (DISREP) (SF 361) as prescribed in AR 55-38/NAVSUPINST 4610.33/AFM 75-18/MCO P4610.19A, and DSAR 4500.15.

d. Reporting of Equipment Manual Improvements. The reporting of errors, omissions, and recommendations for improving this manual by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forwarded direct to Commander, US Army Electronics Command, ATTN: AMSEL-MA-C, Fort Monmouth, NJ 07703.

e. Administrative Storage. For procedures, forms and records, and inspections required during administrative storage of this equipment, refer to TM 740-90-1.

1-4. Destruction of Army Materiel to Prevent Enemy Use

Demolition of the equipment will be accomplished only upon the order of the Commander. For destruction procedures, refer to TM 750-244-2.

Section II. DESCRIPTION AND DATA

1-5. Purpose and Use

(fig. 1-2)

a. The CV-1919A/G translates signals to and from Automatic Telephone Central Office AN/TTC-38(V)(*) (TM 11-5805-628-12) and Manual Telephone Switchboard SB-22A/PT (TM 11-5805-262-12) or Manual Telephone Switchboard SB-86/P (TM 11-2134).

b. The CV-1919A/G detects incoming calls from the automatic switchboard and alerts the manual switchboard operator to a request for

service. It also detects release signals from the automatic switchboard and signals the manual switchboard operator that a release is desired.

c. The CV-1919A/G establishes the interface between the manual switchboard and the automatic switchboard for direct dial into the automatic central office by key send DTMF tones.

1-6. Description

a. The CV-1919A/G is a 3-channel solid state telephone signal converter. It contains the circuitry to signal and connect trunk circuits from