

TECHNICAL MANUAL

OPERATOR'S MANUAL



**INTERCOMMUNICATION SET, VEHICULAR
AN/VIC-3(V), INCLUDING:**

Control, Indicator CD-82/VRC

(NSN 5895-01-382-3221) (EIC: NA)

Control, Intercommunication Set C-12357/VRC

(NSN 5830-01-382-3218) (EIC: NA)

Control, Intercommunication Set C-12358/VRC

(NSN 5830-01-382-3209) (EIC: NA)

Interface Unit, Communication Equipment C-12359/VRC

(NSN 5895-01-382-3220) (EIC: NA)

Loudspeaker, Permanent Magnet, LS-688/VRC

(NSN 5965-01-382-3222) (EIC: NA)

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HEADQUARTERS, DEPARTMENT OF THE ARMY

1 MAY 1997

OPERATOR'S MANUAL
for
INTERCOMMUNICATION SET, VEHICULAR AN/VIC-3(V)

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(NSN 5895-01-382-3221) (EIC: NA)

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Loudspeaker, Permanent Magnet LS-688/VR

(NSN 5965-01-382-3222) (EIC: NA)

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes, or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms) or DA Form 2028-2 located in back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-LC-LEO-D-CS-CFO, Fort Monmouth, New Jersey 07703-5007. The fax number is 732-532-1413, DSN 992-1413. You may also e-mail your recommendations to AMSEL-LC-LEO-PUBS-CHG@cecom3.monmouth.army.mil

For Air Force, submit AFTO Form 22 (Technical Order System Publication Improvement Report and Reply) in accordance with paragraph 6-5, Section VI, TO 00-5-1. Forward direct to prime ALC/MST.

For Navy, mail comments to the Commander, Space and Naval Warfare Systems Command, ATTN: SPAWAR 8122, Washington, DC 20363-5100.

Marine Corps units, submit NAVMC 10772 (Recommended Changes to Technical Publications) to: Commanding General, Marine Corps Logistics Base (Code 850), Albany, Georgia 31704-5000.

In either case a reply will be furnished direct to you.

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HOW TO USE THIS MANUAL

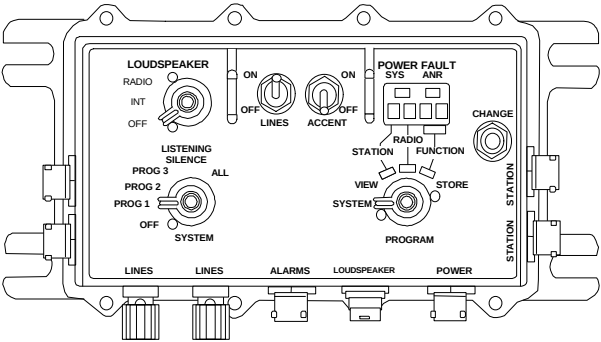
LOCATING INFORMATION

TABLE OF CONTENTS. Refer to the Table of Contents to find out where information can be found.

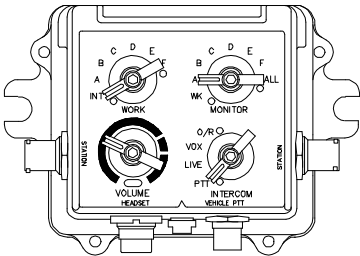
ABBREVIATIONS. Refer to the list of abbreviations in Appendix E in the back of this manual to find the term associated with an unfamiliar abbreviation.

NOMENCLATURE CROSS-REFERENCE LIST. Refer to the nomenclature cross-reference list in Table 1-1 on page 1-2 to find common names and official nomenclature.

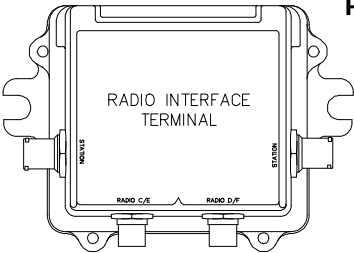
WARNING PAGES are at the beginning of this manual. You should learn the warnings before using the equipment. Always follow appropriate safety procedures and precautions.



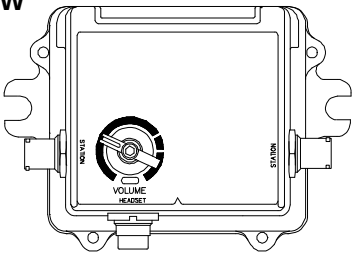
**MASTER CONTROL
STATION (MCS)**



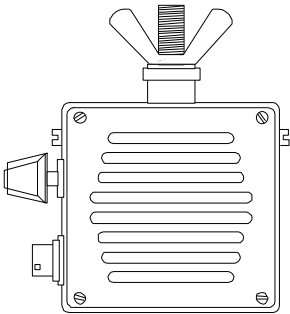
**FULL FUNCTION CREW
STATION (FFCS)**



**RADIO INTERFACE
TERMINAL (RIT)**



**MONITOR ONLY
STATION (MOS)**



**LOUDSPEAKER
(LS)**

CHAPTER 1

INTRODUCTION

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SECTION I. GENERAL INFORMATION

1.1. SCOPE

- a. Type of Manual: Operator's Manual
- b. Model Number and Equipment Name. The official nomenclature is the AN/VIC-3(V) Intercommunication Set, with its common name being the Vehicular Intercommunication System (VIS). There are many current and future variations of this system designed for specific vehicles and/or platforms, each with its own unique technical bulletin for installation. The first vehicle/platform is designated the AN/VIC-3(V)1, the second is designated AN/VIC-3(V)2, and so on, with their corresponding technical bulletins designated TB 11-5830-263-20-1, TB 11--5830-263-20-2, and so on. These vehicle/platform specific variations have meaning only to the installation team as the system loses its identity when installed. Any vehicle/ platform that has this system installed is referred to as having the VIS or "VIC-3" (AN/VIC-3(V)).
- c. Purpose of Equipment: The AN/VIC-3(V) Intercommunication Set, hereinafter referred to as VIS, is an intercommunication and radio-control system designed for ground mobile combat vehicles. Digital audio enhances speech quality and intelligibility. Headsets that incorporate active noise reduction (ANR) circuitry increase the effectiveness of vehicle communications. They offer increased hearing protection in the noisy environment of combat vehicles.

1.2. CONSOLIDATED INDEX OF ARMY PUBLICATIONS AND BLANK FORMS

Refer to latest issue of DA Pam 25-30 to determine whether there are new editions, changes, or additional publications pertaining to the equipment.

1.3. MAINTENANCE FORMS, RECORDS, AND REPORTS

Reports of Maintenance and Unsatisfactory Equipment. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA PAM 738-750 as contained in Maintenance Management Update.