TM 11-5820-873-34

TECHNICAL MANUAL

DIRECT AND GENERAL SUPPORT

MAINTENANCE MANUAL

RADIO SET

AN/URC-92

(NSN 5820-01-057-6447)

HEADQUARTERS, DEPARTMENT OF THE ARMY

1 FEBRUARY 1980

TECHNICAL MANUAL
No. 11-5820-873-34

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC *1 February 1980*

Direct and General Support Maintenance Manual
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REPORTING OF ERRORS

You can improve this manual by recommending improvements using DA Form 2028-2 (Test) located in the back of the manual. Simply tear out the self-addressed form, fill it out as shown on the sample, fold it where shown, and drop it in the mail.

If there are no blank DA Form 2028-2 (Test) in the back of your manual, use the standard DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forward it to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ Fort Monmouth, NJ 07703. A reply will be furnished direct to you.

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

THE RADIO SET AN/URC-92 is COVERED BY A RELIABILITY IMPROVEMENT WARRANTY DO NOT PERFORM ANY MAINTENANCE ON THIS EQUIPMENT UNTIL AFTER THE WARRANTY PROVISIONS (TM11-5820-873-12) HAVE BEEN COMPLIED WITH.

1-1. Scope.

a. This manual contains direct and general support instructions for Radio Set AN/URC-92 (Fig. 1-1). Instructions for troubleshooting, testing, disassembling, inspecting, aligning and reassembling the components of the radio set are included in this manual. A detailed functional analysis of the AN/URC-92 is included in Chapter 2.

b. The AN/URC-92 is comprised of Radio Receiver-Transmitter RT-1277/URC-92 and Antenna Coupler CU-2229/URC-92.

1-2. 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, the Army Maintenance Management System.

b. Report of Packaging and Handling Deficiencies. Fill out and forward DD Form 6 (Packaging Improvement Report) as prescribed in AR 700-58/NAVSUPINST 4030 29/AFR 71-13/MCO P4030 29A, 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 33B/AFR 75-18/MCO P4610 19C, and DLAR 4500.15.

1-3. Warranty.

a. This equipment is under a Reliability Improvement Warranty. To ensure validation of the warranty, the following steps must be taken when returning discrepant equipment.

(1) DA Form 2407 is to accompany the equipment to the contractor's facility.

(2) Fill in the required information on the WARRANTY NOTICE attached to the equipment.

b. Failure to provide the information required by those documents may invalidate the warranty.

c. Return the equipment as expeditiously as possible to the contractor at the address shown on the WARRANTY NOTICE (figure 1-2).

1-4. Destruction of Army Materiel.

Demolition and destruction of electronic equipment will be under the direction of the commander and in accordance with TM 750-4244-2.

1-5. Administrative Storage.

Administrative storage of equipment issued to and used by Army activities shall be in accordance with the procedures specified. Refer to TM 11-5820-873-12 for specific procedures to be followed when preparing the AN/URC-92 for administrative storage.

1-6. Calibration.

Calibration is not required for Radio Set AN/URC-92.

1-7. Reporting Equipment Improvement Recommendations (EIR).

If your Radio Set AN/URC-92 needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design. Tell us why a procedure is hard to perform. Put it on an SF 368 (Quality Deficiency Report). Mail it to Commander, US Army Communications and Electronics Materiel Readiness Command, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703. We'll send you a reply.

Section II. Description of Radio Set

1-8. Description of Radio Set.

Refer to TM 11-5820-873-12 for the description and illustrations of the components of Radio Set AN/URC-92.

1-9. Tabulated Data.

Technical characteristics of Radio Set AN/URC-92 are listed in TM 11-5820-873-12.

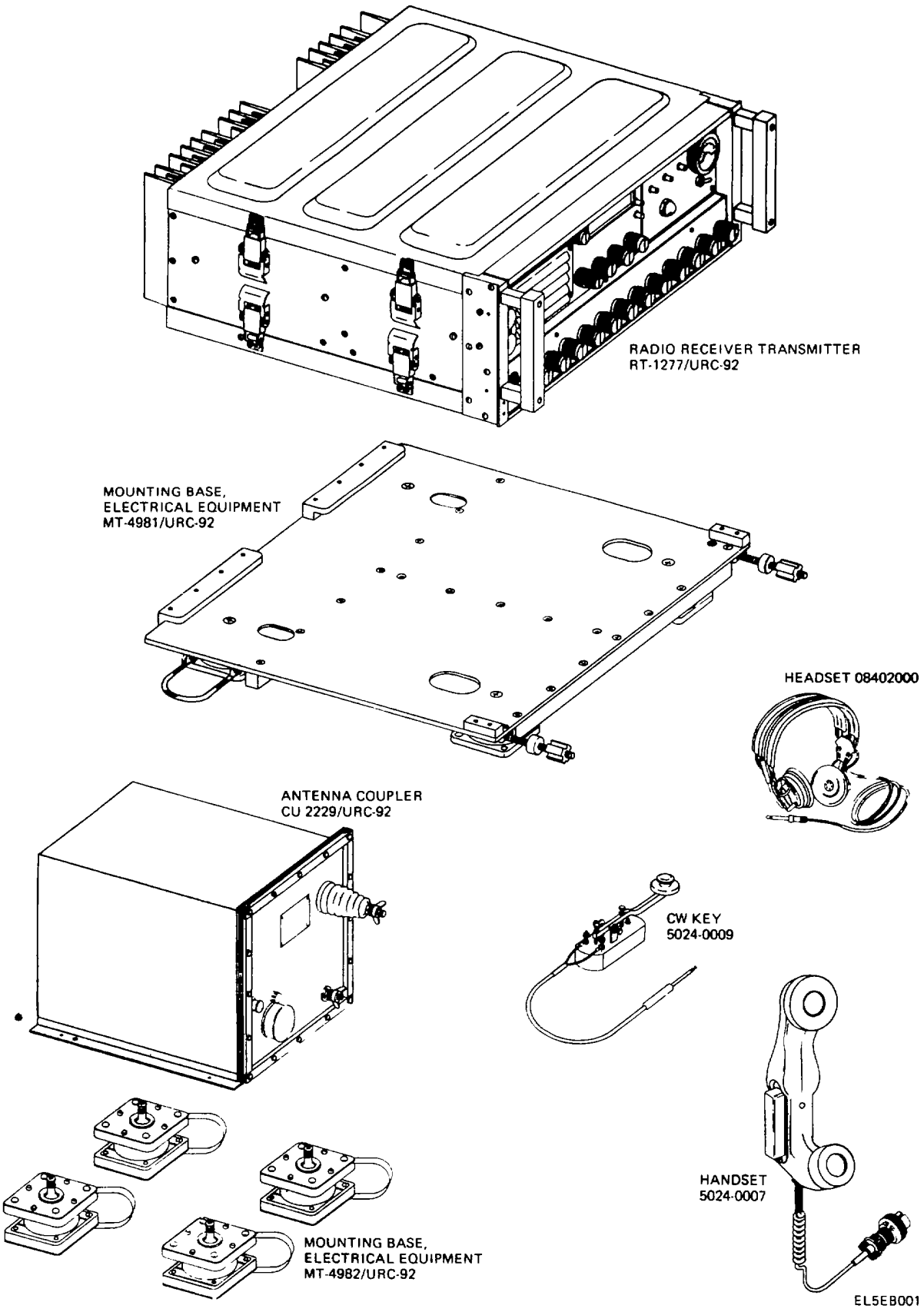

Figure 1-1. Radio Set AN/URC-92.