

TECHNICAL MANUAL

**OPERATOR'S, ORGANIZATIONAL,
DIRECT SUPPORT
AND
GENERAL SUPPORT MAINTENANCE MANUAL
FOR**

**MULTIPLIER,
ELECTRICAL INSTRUMENT
TS-265A/UP**

(NSN 6625-00-242-7544)

TECHNICAL MANUAL
 No. 11-6625-3042-14

HEADQUARTERS,
 DEPARTMENT OF THE ARMY
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**OPERATOR'S ORGANIZATIONAL, DIRECT SUPPORT
 AND
 GENERAL SUPPORT MAINTENANCE MANUAL
 MULTIPLIER, ELECTRICAL INSTRUMENT TS-265A/UP
 (NSN 6625-00-242-7544)**

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 the back of this manual direct to Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL - ME-MP, Fort Monmouth, New Jersey 07703-s007. In either case, a reply will be furnished direct to you.

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CHAPTER 1

GENERAL INFORMATION

Section I. INSTRUCTIONS

1-1. SCOPE.

This manual contains instructions for the operations and maintenance of Multiplier, Electrical Instrument TS-265A/UP and its accessories. Throughout this manual the Multiplier, Electrical Instrument TS-265A/UP is referred to as the Multiplier.

1-2. CONSOLIDATED INDEX OF ARMY PUBLICATIONS AND BLANK FORMS.

Refer to the latest issue of DA Pam 310-1 to determine whether there are new additions, changes, or additional publications pertaining to this equipment.

1-3. MAINTENANCE FORMS, RECORDS, AND REPORTS.

a. 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.

b. Report of Packaging and Handling Deficiencies. Fill out and forward SF 364 (Report of Discrepancy (ROD)) as prescribed in AR 735-11-2/DLAR 4140. 55/NAVMATINST 4355. 73A/AFR 400-54/MCO 4430. 3F.

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 C/AFR 75-18/MCO P4610. 19D/DLAR 4500.15.

1-4. REPORTING OF EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR).

If your Multiplier, TS-265A/UP 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. Put it on SF 368 (Quality Deficiency Report). Mail it to Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: AMSEL-PA-QP, Fort Monmouth, New Jersey 07703-5007. We'll send you a reply.

1-5. ADMINISTRATIVE STORAGE.

Administrative storage of equipment issued to and used by Army activities will

have preventative maintenance performed in accordance with PMCS charts before storing. When removing the equipment from administrative storage the PMCS should be performed to assure operational readiness.

1-6. DESTRUCTION OF ARMY ELECTRONICS MATERIEL.

Destruction of Army electronics materiel to prevent enemy use shall be in accordance with TM 750-244-2.

Section II. DESCRIPTION AND DATA

1-7. INTRODUCTION.

This manual describes Multiplier, Electrical Instrument TS-265A/UP and its accessories (fig. 1-1), and covers operation and maintenance. The manual contains five chapters: GENERAL INFORMATION, OPERATING INSTRUCTIONS, GENERAL THEORY, OPERATOR AND ORGANIZATIONAL MAINTENANCE, DIRECT AND GENERAL SUPPORT MAINTENANCE.

1-8. PURPOSE AND USE.

Multiplier, Electrical Instrument TS-265A/UP is a portable, general purpose test unit. The multiplier is designed to step down high ac voltages by a known ratio of either 10:1 or 100:1, enabling the outputs to be observed on a standard oscilloscope.

1-9. TECHNICAL CHARACTERISTICS.

For a listing of technical characteristics pertaining to Multiplier, Electrical Instrument TS-265A/UP, refer to table 1-1.

1-10. EQUIPMENT, ACCESSORIES, AND DOCUMENTS SUPPLIED.

For a listing of equipment, accessories, and documents supplied pertaining to Multiplier, Electrical Instrument TS-265A/UP, refer to table 1-2.

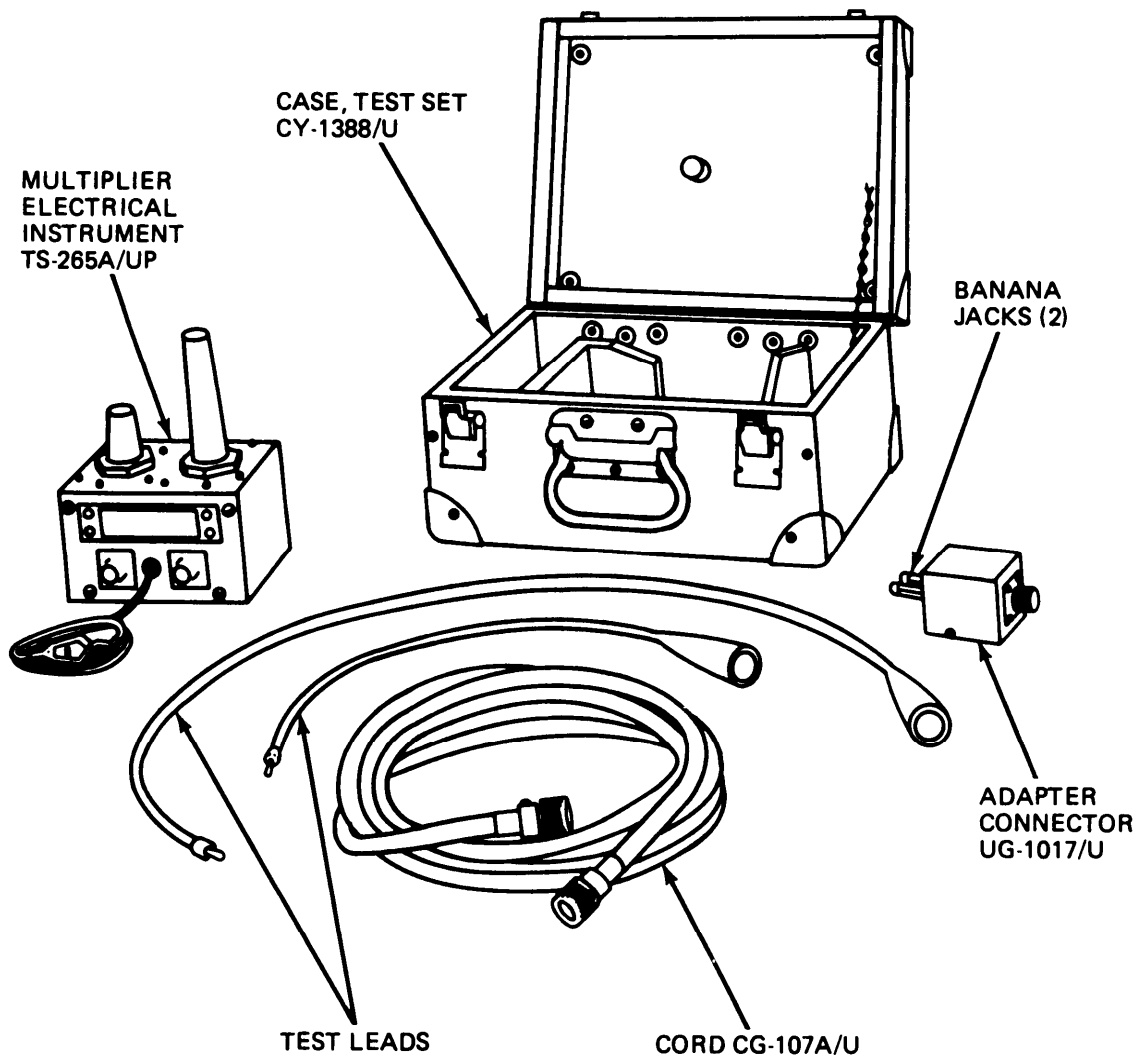


Figure 1-1 Multiplier, Electrical Instrument TS-265/UP and Accessories