

TM 11-6625-2780-14&P

TECHNICAL MANUAL

**OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT
AND GENERAL SUPPORT MAINTENANCE MANUAL
INCLUDING REPAIR PARTS AND SPECIAL TOOLS LISTS
FOR**

**SIGNAL GENERATORS SG-1 112(V)1/U
(NSN 6625-00-566-3067)
AND SG-112(V)2/U (NSN 6625-00-500-6525)
(HEWLETT-PACKARD MODEL 8640B,
OPTIONS 001 AND 004)**

HEADQUARTERS, DEPARTMENT OF THE ARMY

31 DECEMBER 1980

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DEPARTMENT OF THE ARMY
WASHINGTON, DC 31 December 1980**

**OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT,
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INCLUDING REPAIR PARTS AND SPECIAL TOOLS LISTS
FOR
SIGNAL GENERATORS SG-1112(V)1/U (NSN 6625-00-566-3067)
AND SG-1112(V)2/U (NSN 6625-00-500-6525)
(HEWLETT-PACKARD MODEL 8640B, OPTIONS 001 AND 004)**

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 and Electronics Materiel Readiness Command and Fort Monmouth, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703.

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

This manual is an authentication of the manufacturer's commercial literature which, through usage, has been found to cover the data required to operate and maintain this equipment. The manual was not prepared in accordance with military specifications; therefore, the format has not been structured to consider categories of maintenance.

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SECTION 0 INTRODUCTION

0-1. Scope

This manual describes Signal Generators SG-1112(V)1/U and SG-1112(v)2/U and provides instructions for operation and maintenance. Throughout this manual, the SG-1112(v)1/U is referred to as Model 8640B Option 004 and the SG-1112(v)/U is referred to as Model 8640B Option 001. A Manufacturer's Part Number to National Stock Number Cross Reference Index for the SG-1112(v)1/U and the SG-1112(V)2/U is given in Section VI of this manual.

0-2. 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 DA Pam 310-7 to determine whether there are modification work orders (MWO's) pertaining to the equipment.

0-3. 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 described by TM 38-750, The Army Maintenance Management System.

b. Report of Packaging and Handling Deficiencies. Fill out and forward Standard Form 364 (Report of Dis-

crepancy (ROD)) as prescribed in AR 735-11-2/-NAVSUPINST 4440.127E/AFR 400-54/MCO 4430.3E and DLAR 4140.55.

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.

0-4. Reporting Equipment Improvement Recommendations (EIR)

If your equipment 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 what you don't like about 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 Redness Command and Fort Monmouth, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703. We'll send you a reply.

0-5. Administrative Storage

Administrative storage of equipment issued to and used by Army activities shall be in accordance with paragraph 2-22.

0-6. Destruction of Army Electronics Materiel

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