

TM 11-6625-2978-14

TECHNICAL MANUAL

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

FOR

POWER SUPPLY PP-7549/U

(TEKTRONIX MODEL 1106)

(NSN 6130-01-018-1226)

HEADQUARTERS, DEPARTMENT OF THE ARMY

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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, ATTN: DRSEL-ME-MQ, Fort Monmouth, NJ 07703.

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

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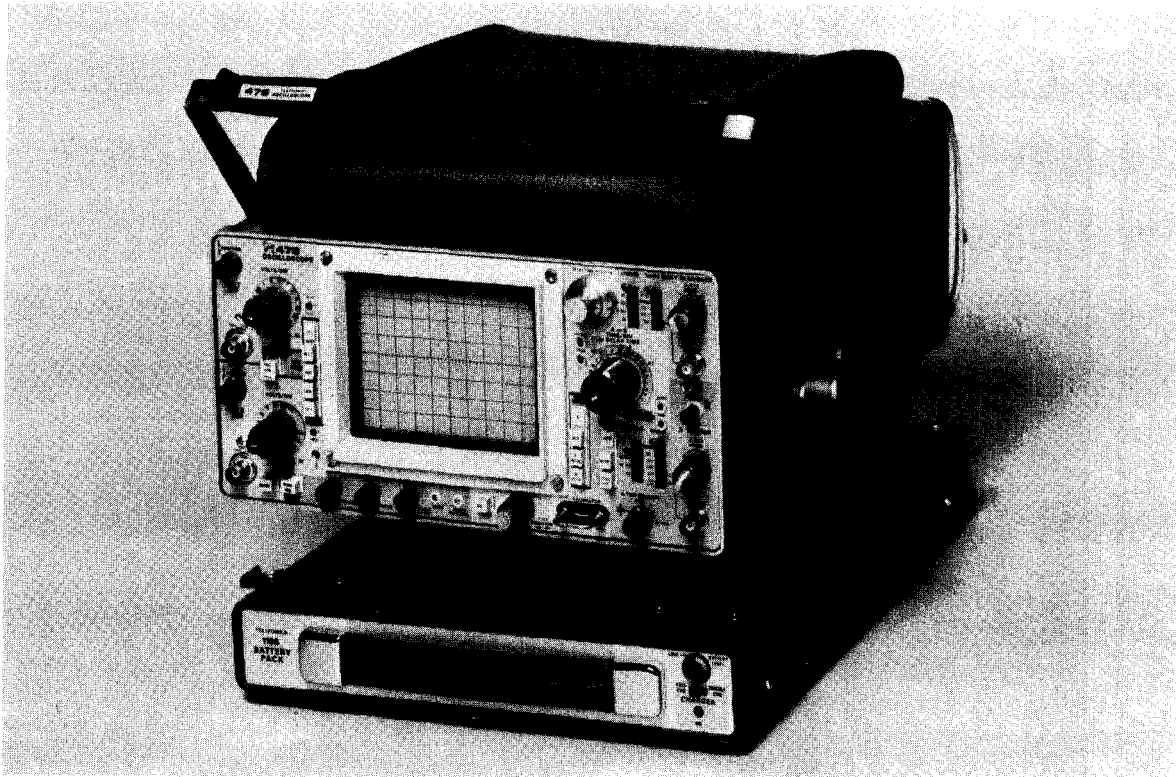


Figure 1-1. Power Supply PP-7549/U (1106 Battery Pack) Being Installed Under a Portable Oscilloscope.

CHAPTER I

INTRODUCTION

Section I. GENERAL

1-1. Scope

This manual describes Power Supply PP-7549/U (fig. 1-1) and provides instructions for its installation, operation, and maintenance. Power Supply PP-7549/U is the joint Army-Navy nomenclature and type number which has been applied to the commercially available Tektronix Model 1106 Battery Pack.

1-2. Index of Technical Publications

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.

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 TM 38-750, The Army Maintenance Management System.

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 4355.73/AFR 400-54/MCO 4430.3E.

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 4610.19C/DLAR 4500.15.

1-4. Reporting Equipment Improvement Recommendations (EIR)

If your Power Supply PP-7549/U 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-Electronics Command, ATTN: DR-SEL-ME-MQ, Fort Monmouth, NJ 07703. We'll send you a reply.

1-5. Administrative Storage

Administrative storage of equipment issued to and used by Army activities will have preventive maintenance performed in accordance with the PMCS charts before storing. When removing the equipment from administrative storage the PMCS should be performed to assure operational readiness. Disassembly and repacking of equipment for shipment or limited storage are covered in paragraphs 2-1 and 2-2.

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. Purpose and Use

Power Supply PP-7549/U is a dc power source for operating portable Oscilloscope OS-261/U (Tektronix Model 475 Option 7) away from ac power sources. Power Supply PP-7549/U is sold commercially as a Tektronix, Model 1106 Battery Pack. Power Supply PP-7549/U is also referred to as the battery pack throughout this manual.

1-8. Description

Power Supply PP-7549/U is a self-contained portable battery pack equipped with a dc cable for connecting to an oscilloscope allowing operation away from ac power recepticals. It also has an ac cable

which enables connection to an ac circuit for recharging.

1-9. Use Option

a. The separate battery pack capability permits a choice of battery operation or ac line operation. During charging of the battery pack, the oscilloscope may be operated from the ac line without detaching the battery pack. The oscilloscope may be detached from the battery pack, while it is charging, and used elsewhere with either another battery pack or ac line. The battery pack and oscilloscope may be separated easily and quickly for carrying ease.