

Model PS0055/PS0056

External Power Supply

Operating Instructions

Introduction

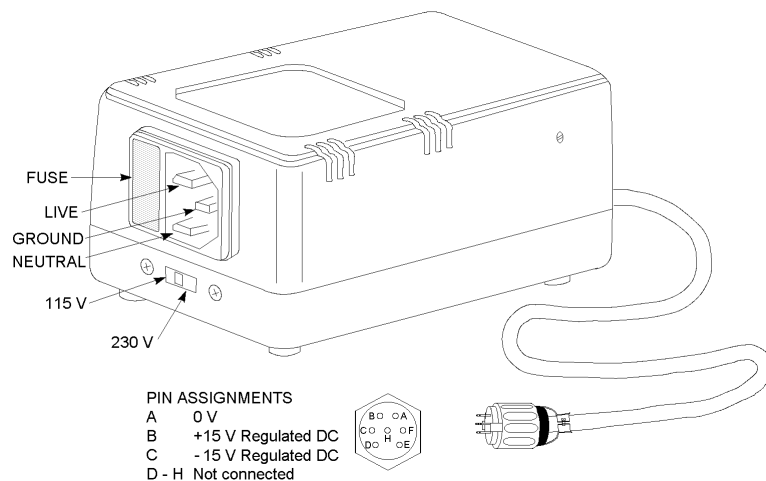


Figure 1, Model PS0055 / PS0056 Power Supply

The **SIGNAL RECOVERY** model PS0055 / PS0056 (figure 1) is a ± 15 V DC @ 100 mA regulated power supply for use with the model 181 current preamplifier. The two different model numbers refer to the setting of the line power input voltage, with the model PS0055 being supplied set for 110 - 120 V AC while the PS0056 is set to 220 - 240 V AC.

Operating Instructions

- 1) Check that the **LINE** voltage selector slide switch on the end of the unit is set to the voltage of your local line supply.
- 2) Connect the output lead with 7-pin plug to the instrument to be powered.
- 3) Connect the supplied line input power cord to the power supply and then plug it into the line power output.
- 4) Switch on the line power.
- 5) Switch on the instrument to be powered.

SIGNAL RECOVERY

Precautions

Always switch off and disconnect the power supply from the line input before disconnecting the output power lead. Failure to do this may result in damage to the unit should the output power plug pins become shorted.

Should it be necessary to replace a blown fuse in the PS0055/PS0056, first switch off and disconnect the line input. Always replace with a fuse of the correct rating, as follows:-

Fuse Rating	
115 V operation	1 A
230 V operation	500 mA
Fuse Type	5 mm × 20 mm, 250 V, Slow Blow

Warning: *This equipment must be connected to a grounded power outlet.*

Mechanical

Dimensions

2¼" × 3" × 5" (58 mm × 75 mm × 130 mm)

Weight

2 lbs (0.9 kg)

Warranty

SIGNAL RECOVERY, a part of AMETEK Advanced Measurement Technology, Inc, warrants each instrument of its own manufacture to be free of defects in material and workmanship for a period of ONE year from the date of delivery to the original purchaser. Obligations under this Warranty shall be limited to replacing, repairing or giving credit for the purchase, at our option, of any instruments returned, shipment prepaid, to our Service Department for that purpose, provided prior authorization for such return has been given by an authorized representative of AMETEK Advanced Measurement Technology, Inc.

This Warranty shall not apply to any instrument, which our inspection shall disclose to our satisfaction, to have become defective or unusable due to abuse, mishandling, misuse, accident, alteration, negligence, improper installation, or other causes beyond our control. This Warranty shall not apply to any instrument or component not manufactured by AMETEK Advanced Measurement Technology, Inc. When products manufactured by others are included AMETEK Advanced Measurement Technology, Inc equipment, the original manufacturers Warranty is extended to AMETEK Advanced Measurement Technology, Inc customers. AMETEK Advanced Measurement Technology, Inc reserves the right to make changes in design at any time without incurring any obligation to install same on units previously purchased.

THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. THIS WARRANTY IS IN LIEU OF, AND EXCLUDES ANY AND ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESSED, IMPLIED OR STATUTORY, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AS WELL AS ANY AND ALL OTHER OBLIGATIONS OR LIABILITIES OF AMETEK ADVANCED MEASUREMENT TECHNOLOGY, INC, INCLUDING, BUT NOT LIMITED TO, SPECIAL OR CONSEQUENTIAL DAMAGES. NO PERSON, FIRM OR CORPORATION IS AUTHORIZED TO ASSUME FOR AMETEK ADVANCED MEASUREMENT TECHNOLOGY, INC ANY ADDITIONAL OBLIGATION OR LIABILITY NOT EXPRESSLY PROVIDED FOR HEREIN EXCEPT IN WRITING DULY EXECUTED BY AN OFFICER OF AMETEK ADVANCED MEASUREMENT TECHNOLOGY, INC.

continues....

SHOULD YOUR EQUIPMENT REQUIRE SERVICE

- A. Contact your local **SIGNAL RECOVERY** office, agent, representative or distributor to discuss the problem. In many cases it may be possible to expedite servicing by localizing the problem to a particular unit or cable.
- B. We will need the following information, a copy of which should also be attached to any equipment which is returned for service.
1. Model number and serial number of instrument
 2. Your name (instrument user)
 3. Your address
 4. Address to which the instrument should be returned
 5. Your telephone number and extension
 6. Symptoms (in detail, including control settings)
 7. Your purchase order number for repair charges (does not apply to repairs in warranty)
 8. Shipping instructions (if you wish to authorize shipment by any method other than normal surface transportation)
- C. If you experience any difficulties in obtaining service please contact:

SIGNAL RECOVERY Service

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801 South Illinois Avenue
Oak Ridge
TN 37831-2011
USA

Phone: +1 865 482 4411
Fax: +1 865 483 0396
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or

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