



INSTRUCTION MANUAL

Power Supply 1526

-21 Volt DC Power Supply

Stock No. 1526

Description

The 1526 Power Supply delivers a regulated -21 volt DC at 40 mA. It is designed primarily for powering mast-mounted preamplifiers such as Blonder Tongue's SCMA, CMA-75, CMA-Uc, and CMA-b. A capacitor on the input line protects the unit from power line surges. Its small size, light weight, and mounting flanges make it convenient to mount on any flat surface. An AC outlet is provided for looping AC power from one power supply to another.

Specifications

Output Voltage: -21 VDC

Maximum Load Before Deregulation: 40 mA @105 VAC input
48 mA @117VAC input
56 mA @130 VAC input

Ripple: Approx. 30 mV Peak to Peak at room temperature

Thru-Line Match (Return Loss)

UHF: 22 dB

VHF: 26 dB

Thru-Line Loss

UHF: 0.5 dB

VHF: 0.3 dB

Power Requirements: 117 VAC, 60 Hz, 0.07 amps

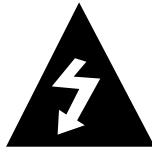
Dimensions: 4-3/4" x 3-1/4" x 2-3/4", LxWxH

Shipping Weight: 1-1/4 lbs.



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The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert you to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock to persons.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER FROM THIS UNIT. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

WARNING: TO PREVENT SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE

Installation

The power supply should be installed on a flat surface. Mounting holes are provided on the base flange for this purpose. The 1526 is designed so that its DC output can be duplexed on coaxial cable carrying RF signals. Only the connector indicated on the unit's label receives power. Connect the cable from the remote unit to this connector (See Figure 1). The RF Signal from the remote unit is available at the other connector (RF OUTPUT).

CAUTION

If the coaxial line to the remote unit becomes short circuited, it may possibly damage the power supply.

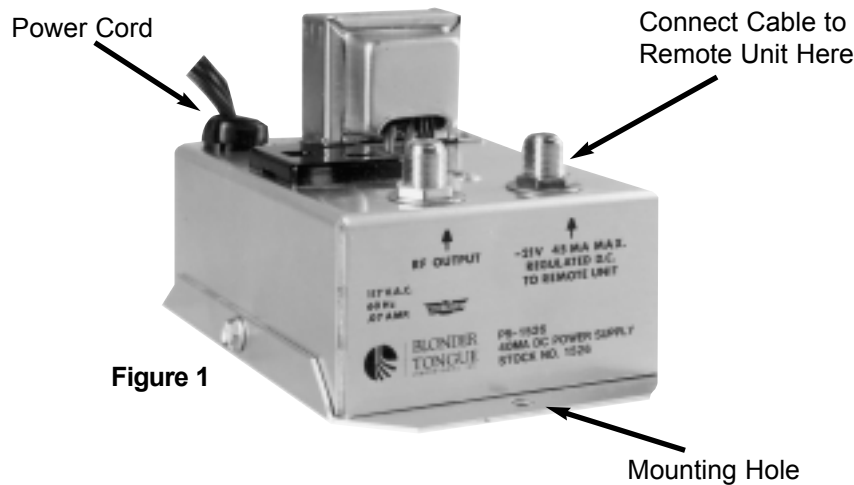


Figure 1

Service

The 1526 power supply is designed to give long, reliable service. If you suspect trouble, check input and output signals to determine whether the unit is at fault. In addition, carefully check connections between other units for breakage or shorts. If this does not restore normal operation, return the unit to your dealer or contact Blonder Tongue Service Department at 800-523-6049, Ext. 4256 for a Service Return Authorization Number (RMA).

ATTENTION!

Service information is provided only for qualified personnel with the required test equipment. There are no USER serviceable parts in this unit.



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