

**SECTION I**

**GENERAL DESCRIPTION**

**1.1 INTRODUCTION**

The Hy-Gain Model 601 AC Power Supply is designed for use with the Model 600 Linear Amplifier. It is supplied with a mating power cable and plug for the amplifier.

**1.2 TECHNICAL SPECIFICATIONS**

Power Requirement.....	120V AC/5 amps
Output Voltage.....	800V DC/500 ma
	300V DC/200 ma
	-100V DC/5 ma
	12.6V AC/3 amps
Cable Connector.....	Wired for Hy-Gain 600
Fuse Required.....	5 amp/3AG

**SECTION II  
INSTALLATION**

**2.1 UNPACKING**

Carefully remove the power supply from the carton. Examine it closely for signs of shipping damage. If inspection shows damage the delivering carrier must be contacted immediately and a claim filed.

The responsibility for safe delivery rests with the carrier. The responsibility in obtaining reimbursement rests with you. Prompt action will speed adjustments. Our warranty does not cover malfunction or damage which is a result of improper handling by a carrier.

**2.2 WARRANTY REGISTRATION**

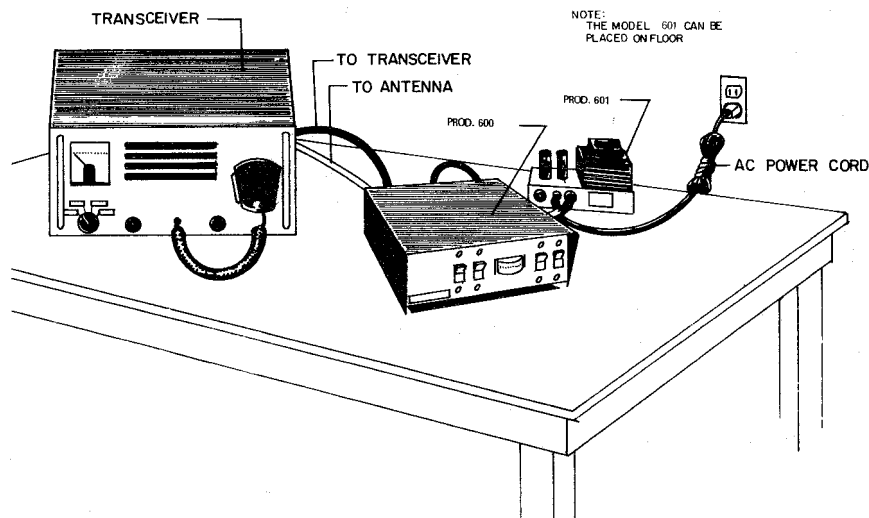
Fill out the enclosed warranty card and mail immediately.

**2.3 SHIPPING CARTON**

Save the carton and packing material. You may need it at a later date for storage or shipment of the Power Supply.

**2.4 INSTALLATION**

The Power Supply is designed for remote placement, such as a shelf or the floor. Connect a good ground connection to the Power Supply. Switch the 600 Amplifier OFF before plugging in the power cable from the 601 Power Supply. Do not use any other fuse than a 3AG/5 amp fuse. Failure of the fuse indicates a malfunction that must be located and corrected.



## SECTION III SERVICE INFORMATION

### 3.1 RETURNING EQUIPMENT FOR SERVICE:

DO NOT ship equipment to the Manufacturer without prior authorization. We prefer to send special shipping labels which will avoid the delay of unexpected shipment.

If time is extremely important, wire or call for approval and we will rush labels to you. When a shipment is expected, even the time of sending the labels is less than that lost when an unexpected shipment is received.

It is VERY IMPORTANT that the shipment be well packed and fully insured. Damage claims must be settled between you and the carrier and will greatly delay any returns. Proper packing normally avoids this trouble.

ALL SHIPMENTS MUST BE SENT TO US PREPAID. We do not accept collect shipments. All returns should be made in our standard cartons only — so save your carton when unpacking the unit. When a shipment is returned it will be handled in one of three ways . . . .

1—Where all service is in warranty the shipment will be returned prepaid by a carrier of our choice.

2—If there are any charges not covered by warranty we will hold the shipment and advise you of costs, which you can then send.

3—Or, upon your written authorization, we will ship C. O. D. for any charges not covered by warranty, then the carrier will collect these charges and the transportation costs on arrival. Unclaimed or refused C. O. D. shipments will not be reshipped until payment of service and transportation charges is received. Shipment will then be made collect for reshipment transportation charges. Unclaimed

equipment automatically becomes the property of the Manufacturer 60 days after date of refusal or return and will be disposed of for payment of charges due.

#### NOTE

We WILL NOT ship by means of a carrier that will not fully insure the shipment. Some carriers have a \$200.00 limit. The exception to this is when there is no other means (APO-FPO-etc.) of shipment than parcel post, and then we will ship by this means with your written agreement that you assume any loss over that which the carrier will insure. C. O. D. shipments cannot be made to APO-FPO addresses.

### 3.2 REPLACEMENT PARTS ORDERING:

All replacement parts orders must be prepaid or C. O. D. only.

Replacement part price quotes will be furnished on request for those who desire prepaid shipment or cannot accept C. O. D. shipments.

### 3.3 SHIPPING ADDRESS:

All requests, inquiries, warranty claims or equipment returns should be made to:

Hy-Gain Electronics Corporation  
Rural Route 3  
Lincoln, Nebraska 68505

Attn: Customer Service Manager

## SECTION IV WARRANTY

Hy-Gain Electronics Corporation warrants each new product manufactured to be free from defects in material and workmanship and agrees to remedy any such defect, or to furnish a new part, in exchange for any part of any unit which under normal installation, use, and service discloses such defect within ninety days from the date of purchase by original owner. The unit serial number must be registered by the original owner at the time of purchase to validate the warranty.

This warranty does not extend to any of our products which have been subjected to mis-use, neglect, accident, incorrect wiring not our own, improper installation or to use in violation of instructions furnished by us. Nor does it extend to units which have been repaired or altered outside of our factory nor to accessories used therewith not of our own manufacture, nor to any cases where the serial number has been removed, defaced, or changed.

Hy-Gain Electronics Corporation reserves the right to make any

changes deemed necessary or desirable without advance notice or incurring any obligation to make like changes in units previously manufactured or sold.

This warranty does not cover transportation or installation costs that may be incurred. Hy-Gain Electronics Corporation's sole liability is the remedy of any defect for ninety days. Hy-Gain Electronics Corporation is not responsible for personal injury or property damage resulting from improper or careless installation not intended by the manufacturer.

No person is authorized to assume for us any other liability in connection with the sale of our products.

All warranties are void and terminated one year after the last unit of its type and design has been manufactured by us.

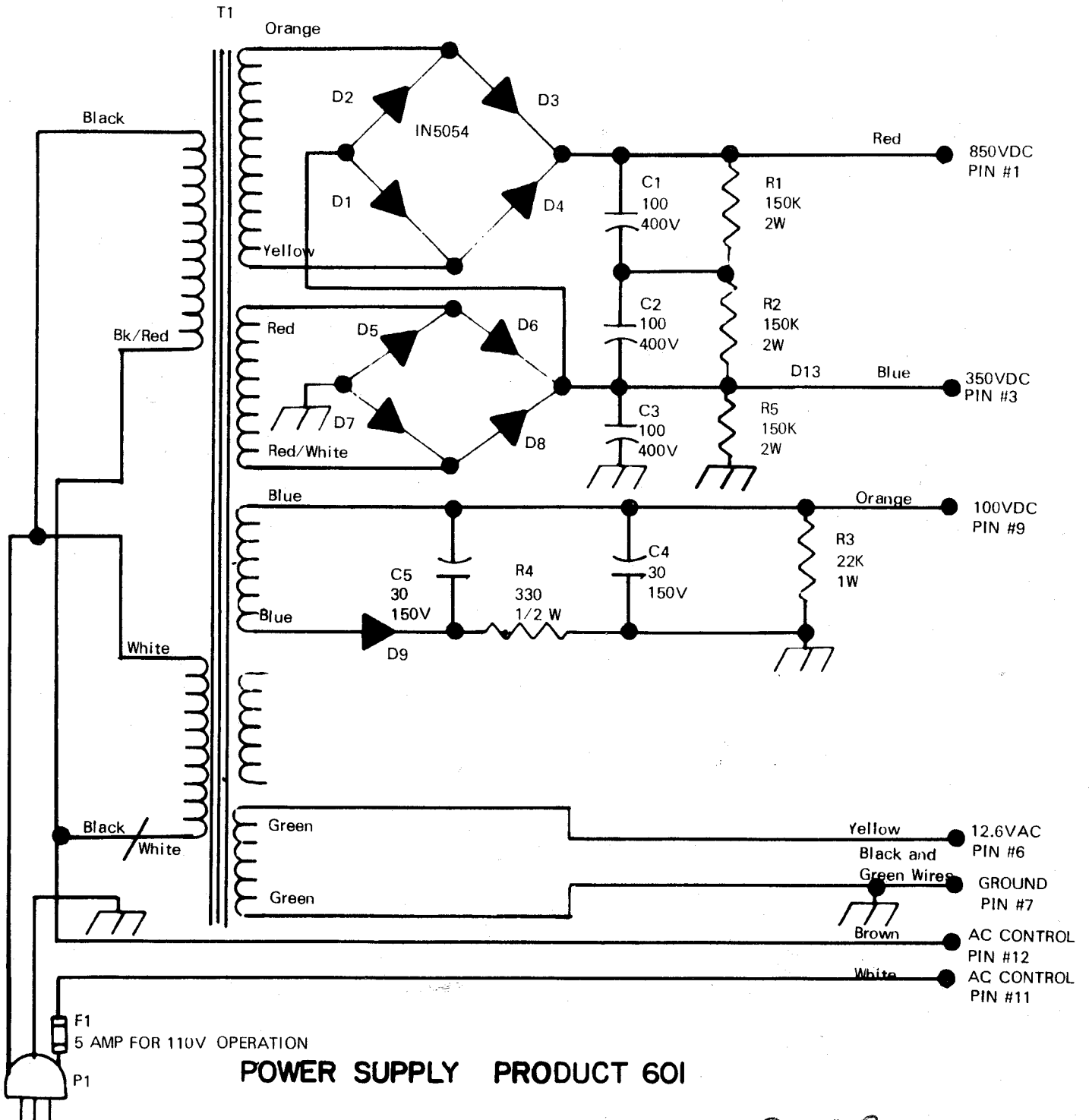
# PARTS LIST

Symbol	Description	Part No.
C1, C2, C3	100 mfd 400VDC Elec Cap	721806
C4, C5	30 mfd 150VDC Elec Cap	721796
D1 - D9	Diode IN5054	765713
F1	5 Amp SLO--BLO	710003
R1, R2, R5	150 K ohm Res 2W	721404
R3	22 K ohm Res 1W	721373
R4	330 ohm Res 1/2W	721167
T1	PWR Transformer AC601	730211

Printed in USA

PN 800197

## CONNECTIONS TO THE POWER PLUG



POWER SUPPLY PRODUCT 60I

*Jumped 8+10*