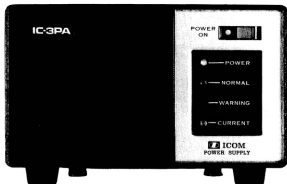




ICOM

IC-3PA

POWER SUPPLY



OPERATING INSTRUCTIONS

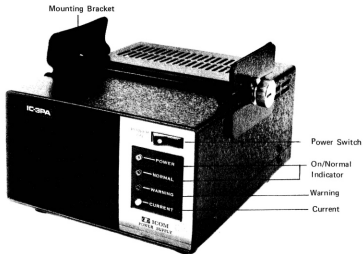
NOTE: Connection to a voltage higher than the transformer is set voids any warranty applicable to this unit!

1. Connect the transformer primary to the proper taps by removing the five pin connector from the bottom of the power supply.
(Note: At this time the unit should not be connected to the AC mains!)
2. Rotate connector until the indentation in the connector is over the proper voltage to which you are to connect the power supply main cord. Insert the connector and seat it firmly in the socket. Reinsert the fuse and fuse holder in the power supply by threading the cap through the center of the connector. Tighten the fuse finger tight.
3. Upwrap the AC Cord and insert into the voltage for which you have the transformer set. The unit should be in the "off" position while performing this.
4. Push the power switch to the "On" position. The amber light marked "Power" should glow. Also if there is no DC Load or a proper DC Load the blue light for "Normal" operation should be glowing.
5. Push the power switch to the "Off" position and connect the cord from your transceiver to the terminals of the supply. The positive wire should be attached to the red top terminal and the ground or negative should be attached to the black or bottom terminal.
6. Remove the bracket rod, padded end brackets, thumb screws and washer from the accessories box. Thread the rod with the cross piece last through the unpadded side of one of the end brackets. Insert the end of the rod with the tapped hole through the padded side of the other end bracket. Follow this with the large chrome washer. Loosely thread the screw into the threaded end of the rod enough to prevent its falling out while moving. Place the padded sides

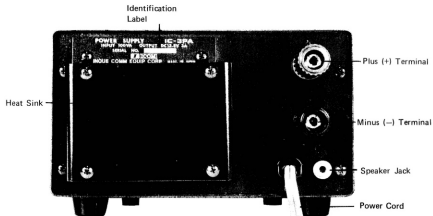
of the brackets one on either side of the supply about halfway to the front. Place your transceiver in the top half of these brackets so that it is sitting evenly on the power supply. Tighten the screw until the transceiver does not move when touched.

6. Remove the speaker cord from the box and insert one end into the matching jack on the power supply. The other end is attached to the transceiver in a like manner.
7. Attach antenna to transceiver.
8. Energize the transceiver to the proper power lever and push the IC-3PA power switch to the "On" position.
9. If the warning lamp comes on it means the builtin Automatic Protection Circuit (APC) is working. Recheck all connections.
10. If the current lamp comes on, it means for some reason you are drawing too much current. Check for cause.

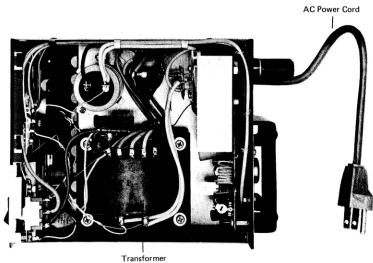
FRONT VIEW



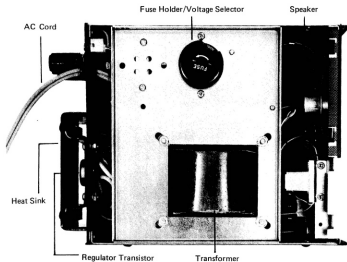
BACK VIEW



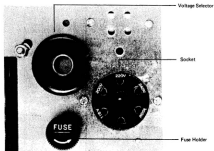
INSIDE VIEW (Top Side)



INSIDE VIEW (Bottom Side)



FUSE BOX

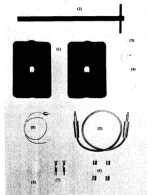


Remove Fuse Holder and Fuse

Remove Voltage Selector Plug

Replace Selector Plug with desired Voltage display in the Plug window.
Insert appropriate Fuse in Fuse Holder. Replace Fuse and Fuse Holder in to the Socket.

ACCESSORIES



- | | |
|------------------------|-----------------|
| (1) Padded end bracket | (6) Fuses |
| (2) Bracket rod | (7) Plug Insert |
| (3) Thumb screw | (8) Molex plug |
| (4) Washer | (9) Spare Lamp |
| (5) Speaker Cord | |

SPECIFICATIONS

OUTPUT

Volts	13.5V D.C.
Current	3 Amps
Shutdown Current Level	4.5 Amps $\pm 10\%$
Ripple and Noise	10 MV @4 Amp Load

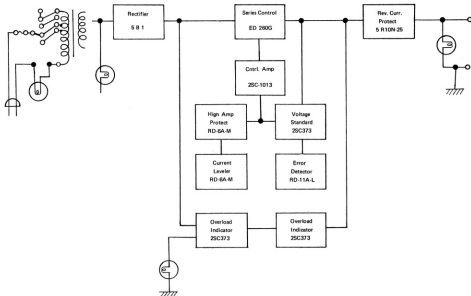
INPUT

Volts	100, 117, 200, 220, 240
Frequency	50 – 60Hz
Input Regulation	$\pm 10\%$ for $\pm 3\%$ Output

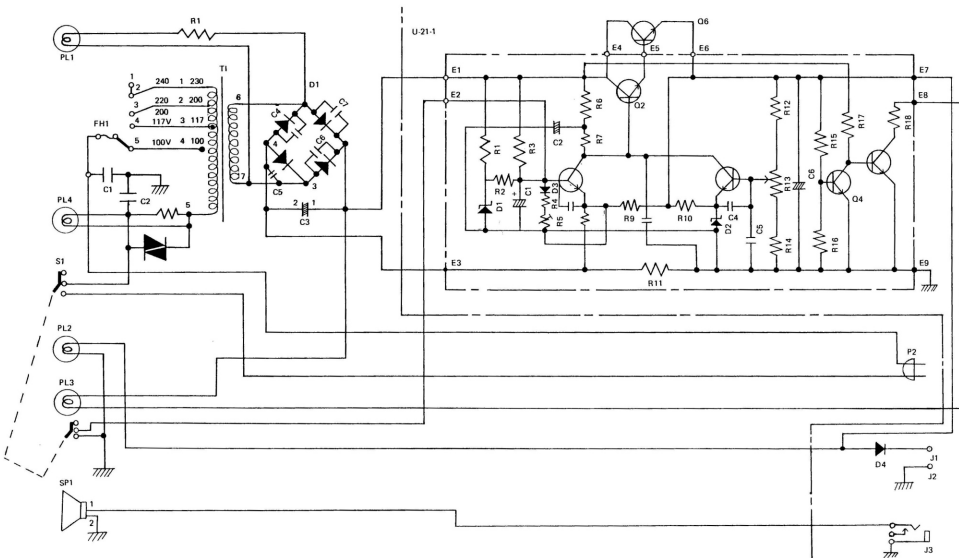
GENERAL

Temperature	-10 to +50 DEG. C
Size	156mm x 88mm x 210mm
Weight	4.5Kg
Transistors	6
Diode Bridge	1
Zener Diodes	2
Diodes	2

BLOCK DIAGRAM



SCHEMATIC DIAGRAM





INOUE COMMUNICATION EQUIPMENT CORPORATION

1-6-19, KAMIKURATSUKURI, HIRANO-KU, OSAKA, JAPAN