

# NEC

Authentic series

## STEREO INTEGRATED AMPLIFIER SERVICE MANUAL

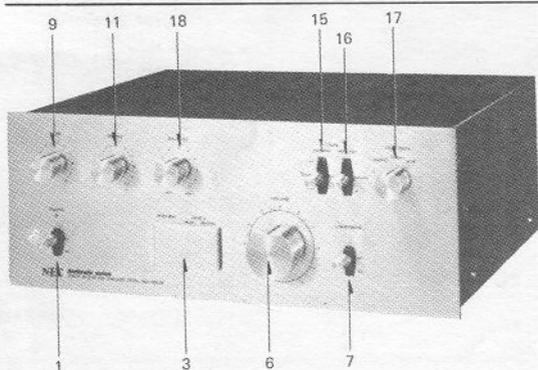
### MODELS

AUA-6000E/6000EB  
AUA-7000E/7000EB  
AUA-8000E

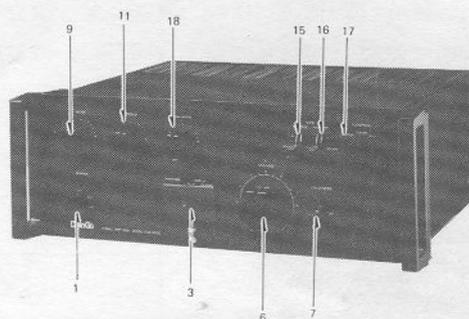
Run-2  
SER. NO. 4013



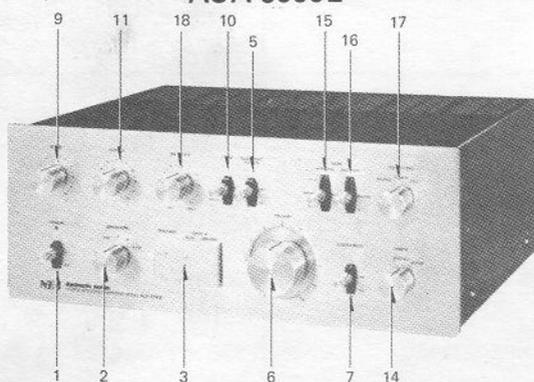
Better Service  
Better Reputation  
Better Profit



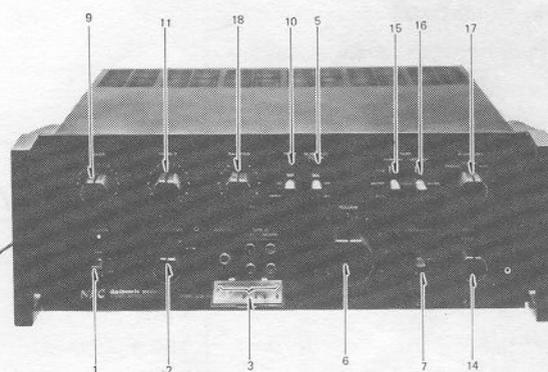
AUA-6000E



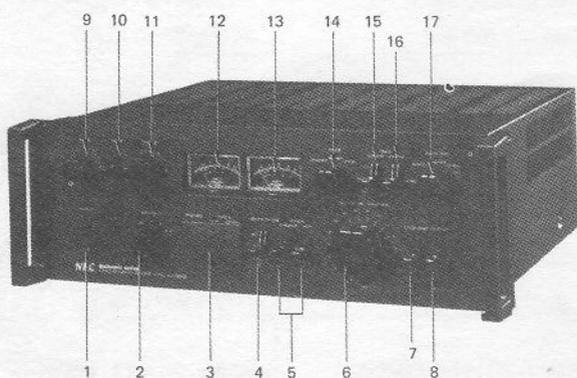
AUA-6000EB



AUA-7000E



AUA-7000EB



AUA-8000E

- 1 POWER SWITCH
- 2 SPEAKERS SWITCH
- 3 HEADPHONES JACK AND TAPE 2 TERMINALS
- 4 METER RANGE SWITCH
- 5 FILTER SWITCHES
- 6 VOLUME CONTROL
- 7 LOUDNESS SWITCH
- 8 MUTING SWITCH
- 9 BASS CONTROL
- 10 TONE DEFEAT SWITCH
- 11 TREBLE CONTROL
- 12 } POWER METERS
- 13 }
- 14 MODE SWITCH
- 15 TAPE DUBBING SWITCH
- 16 TAPE MONITOR SWITCH
- 17 FUNCTION SWITCH
- 18 BALANCE CONTROL

Nippon Electric Co., Ltd.

TOKYO, JAPAN

# SPECIFICATIONS

SPECIFICATIONS \ MODELS	AUA-6000E/6000EB	AUA-7000E/7000EB	AUA-8000E
<b>MAIN AMPLIFIER SECTION</b>			
20Hz-20kHz Continuous Power both channel driven	35 W x 2 (8 Ω) 40 W x 2 (4 Ω)	45 W x 2 (8 Ω) 50 W x 2 (4 Ω)	65 W x 2 (8 Ω) 75 W x 2 (4 Ω)
Total Harmonic Distortion			
Rated power at 20Hz-20kHz, 8Ω	0.1 %	0.1 %	0.05 %
18W power at 20Hz-20kHz, 8Ω	0.05 %		
23W power at 20Hz-20kHz, 8Ω		0.05 %	
30 W power at 20Hz-20kHz, 8Ω			0.01 %
1 W power at 20Hz-20kHz, 8Ω	0.05 %	0.05 %	0.01 %
Intermodulation Distortion			
Rated power at 50Hz:7kHz=4:1	0.1 % (8 Ω)	0.1 %	0.05 % (8 Ω)
18W power at 50Hz:7kHz=4:1	0.05 % (8 Ω)		
23 W power at 50Hz:7kHz=4:1		0.05 % (8 Ω)	
30 W power at 50Hz:7kHz=4:1			0.01 % (8 Ω)
1 W power at 50Hz:7kHz=4:1	0.05 % (8 Ω)	0.05 % (8 Ω)	0.01 % (8 Ω)
Power Band-width (IHF, both channel driven, 8 Ω)	5 Hz-40 kHz	5 Hz-40 kHz	5 Hz-45 kHz
Frequency Response			5 Hz-100 kHz, +0 dB -1 dB
Damping Factor (20Hz-20kHz, 8Ω)	30	30	30
Signal to Noise Ratio (IHF, A-network, short circuit)			110 dB
Input Sensitivity and Impedance Terminal of POWER AMP IN			1 V/50 kΩ

## PRE AMPLIFIER SECTION

Input Sensitivity and Impedance			
PHONO 1	2.5 mV/50 kΩ	2.5 mV/50 kΩ	2.5 mV/50 kΩ
PHONO 2			2.5 mV/50 kΩ
TUNER	150 mV/50 kΩ	150 mV/50 kΩ	150 mV/50 kΩ
AUX	150 mV/50 kΩ	150 mV/50 kΩ	150 mV/50 kΩ
TAPE PLAY 1	150 mV/50 kΩ	150 mV/50 kΩ	150 mV/50 kΩ
TAPE PLAY 2	150 mV/50 kΩ	150 mV/50 kΩ	150 mV/50 kΩ

SPECIFICATIONS \ MODELS	AUA-6000E/6000EB	AUA-7000E/7000EB	AUA-8000E
PHONO Maximum Input Voltage			
PHONO 1	200mV (1kHz,0.1% T.H.D)	250mV (1kHz,0.1% T.H.D)	300mV (1kHz,0.05% T.H.D)
PHONO 2			300mV (1kHz,0.05% T.H.D)
RIAA Curve Characteristic			
PHONO 1	20Hz-20kHz, ±0.3dB	20Hz-20kHz, ±0.3dB	20Hz-20kHz, ±0.2dB
PHONO 2			20Hz-20kHz, ±0.2dB

Frequency Response PHONO 1 PHONO 2 TUNER, AUX and TAPE PLAY	20Hz-20kHz, $\pm 0.3$ dB  10Hz-40kHz, +0dB -1dB	20Hz-20kHz, $\pm 0.3$ dB  10Hz-40kHz, +0dB -1dB	20Hz-20kHz, $\pm 0.2$ dB 20Hz-20kHz, $\pm 0.2$ dB 5Hz-50kHz, +0dB -1dB
Output Voltage and Impedance TAPE REC 1 TAPE REC 2 PRE OUT	150 mV 150 mV	150 mV 150 mV	150 mV 150 mV 1 V/2 k $\Omega$
Total Harmonic Distortion 1 V power at 20Hz-20kHz 6 V power at 20Hz-20kHz			0.02 % 0.1 %
Signal to Noise Ratio (IHF, A-network, short circuit) PHONO 1 and 2 TUNER, AUX and TAPE PLAY	72 dB 93 dB	72 dB 95 dB	75 dB 95 dB
Tone Control Response BASS Max. Min. TREBLE Max. Min.	+9 dB at 100 Hz -9 dB at 100 Hz +9 dB at 100 Hz -9 dB at 100 Hz	+9 dB at 100 Hz -9 dB at 100 Hz +9 dB at 100 Hz -9 dB at 100 Hz	+9 dB at 100 Hz -9 dB at 100 Hz +9 dB at 100 Hz -9 dB at 100 Hz
Filter SUBSONIC HIGH		15 Hz, -6 dB/oct.	15 Hz, -6 dB/oct. 8 kHz, -6 dB/oct.
Loudness Control Effect (volume control at -40 dB) 100 Hz 10 kHz	+6 dB +3 dB	+6 dB +3 dB	+6 dB +3 dB
Muting Level			-20 dB

## OUTPUT TERMINALS

Speaker	4 $\Omega$ - 16 $\Omega$	A, B (4 $\Omega$ - 16 $\Omega$ ) A+B(4 $\Omega$ - 16 $\Omega$ )	A, B (4 $\Omega$ - 16 $\Omega$ ) A+B(4 $\Omega$ - 16 $\Omega$ )
Headphone	4 $\Omega$ - 16 $\Omega$	4 $\Omega$ - 16 $\Omega$	4 $\Omega$ - 16 $\Omega$
Power Requirement	AC 110/120 /220/240 V, 50/60 Hz	AC 110/120 /220/240 V, 50/60 Hz	AC 110/120 /220/240 V, 50/60 Hz
Power Consumption	310 W (IEC PUB. 65:90 W)	390 W (IEC PUB. 65:390 W)	560 W
Dimensions	380(w) x 140(h) x 300(d)mm (w/o handle)	380(w) x 140(h) x 300(d)mm (w/o handle)	410(w) x 140(h) x 340(d)mm (w/o handle)
Weight	8 kg	10 kg	15 kg

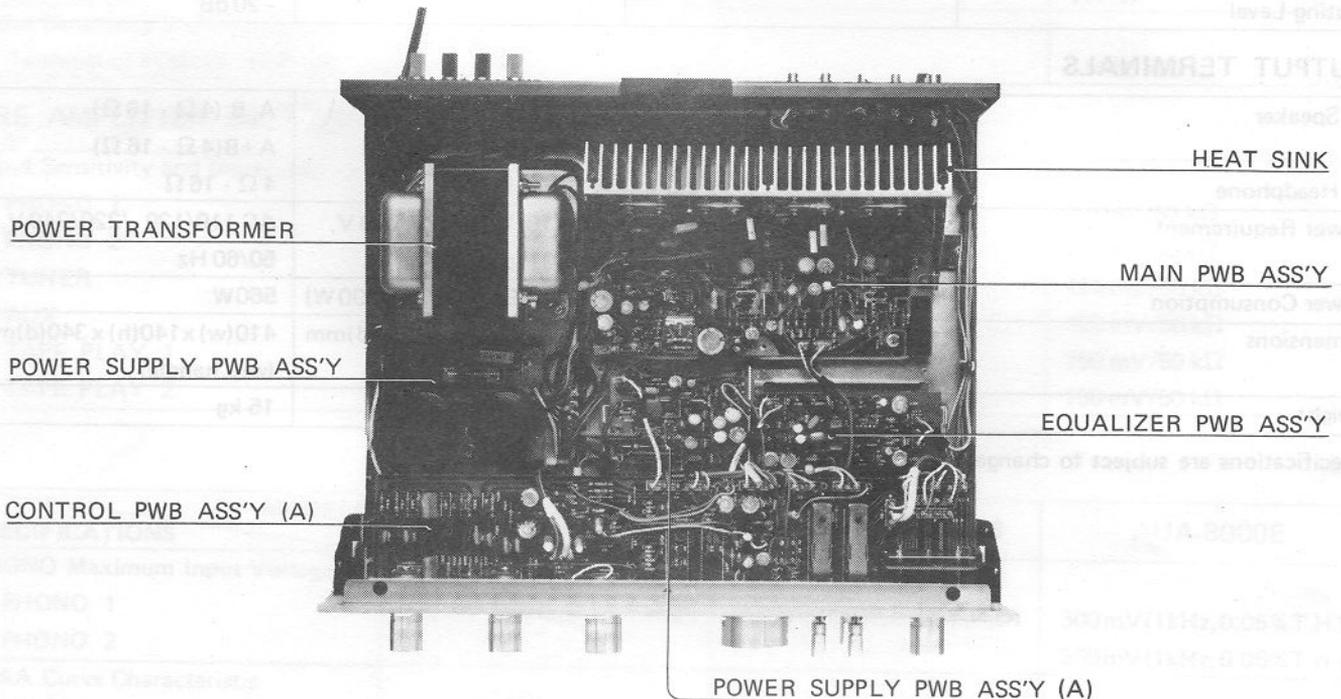
Specifications are subject to change without notice for improvement.

# CAUTION

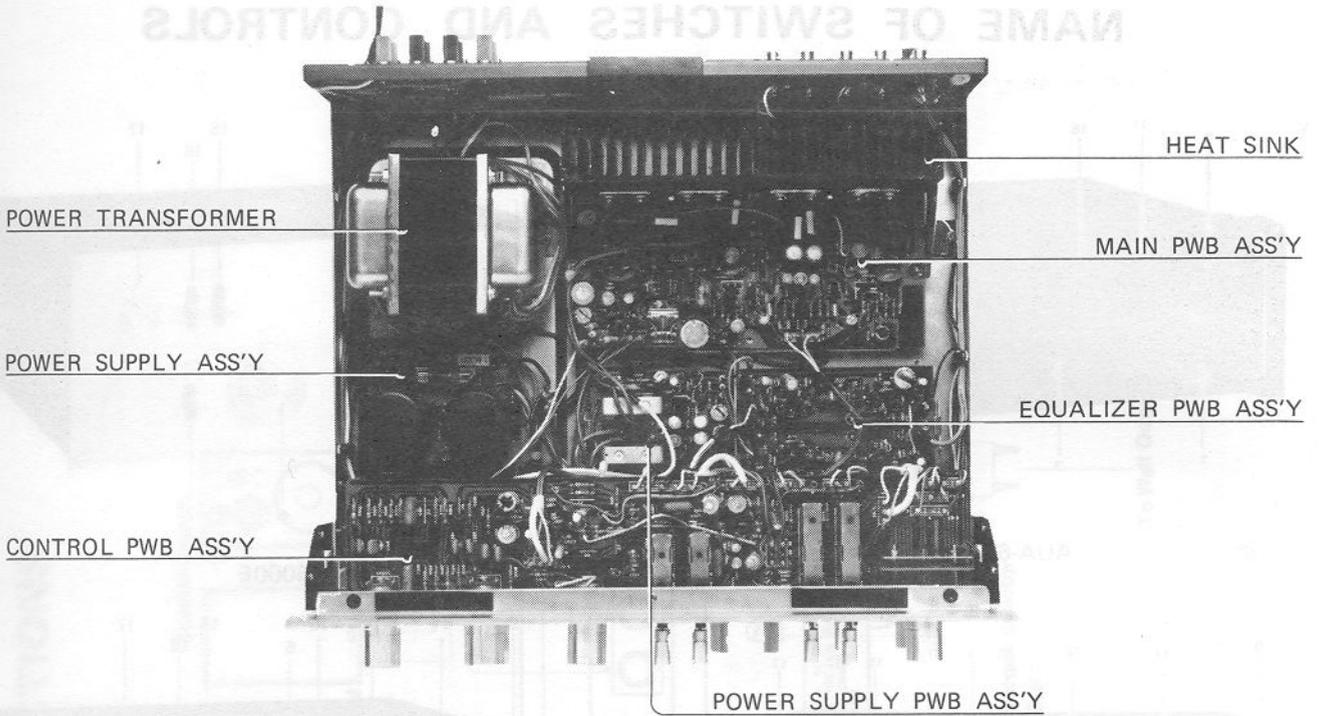
- Avoid installing the unit in locations described below:
  - Places exposed to direct sunlight or close to heat-radiating appliances such as electric heaters.
  - On top of other stereo equipment that radiates much heat.
  - Places lacking ventilation, or dusty places.
  - Places subject to constant vibration.
  - Places close to electric transformers.
  - Humid or moist places.
- As this is a high-output amplifier, take care not to obstruct the ventilating openings on the top and bottom panels.
- No sound will be heard from your speaker systems for a few seconds after you turn on the amplifier's POWER switch. This is because the built-in muting circuit is at work, and not because the amplifier is faulty.
- Operate the switches and controls correctly as described in this manual. Do not apply undue stress to them.
- Before turning the POWER switch on for the first time, make certain that all connecting cords and the power cable are properly plugged in.
- Use soft, dry cloth to wipe the cabinet. Never use thinner or similar solvents to clean the cabinet, and avoid spraying any insecticide containing thinner.

## LOCATION OF PARTS MOUNTING

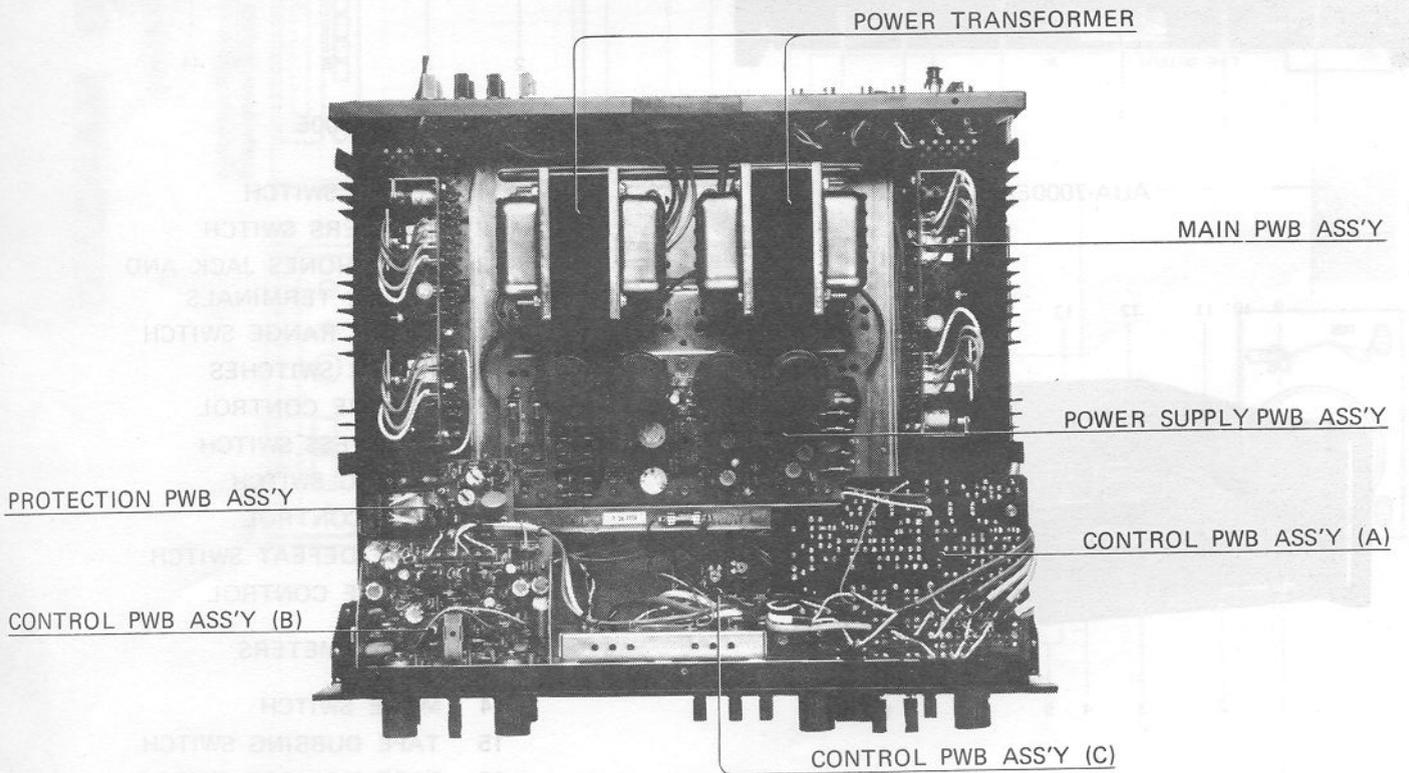
AUA-6000E



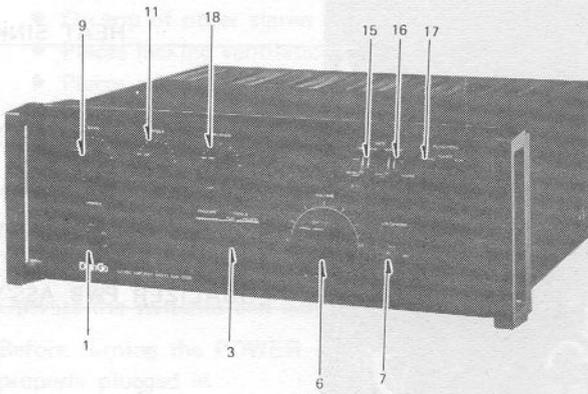
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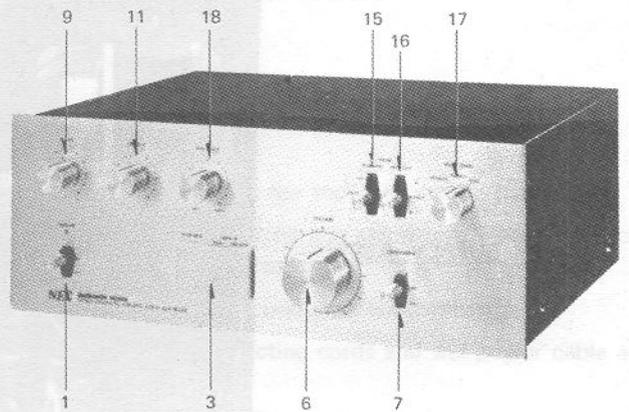
AUA-8000E



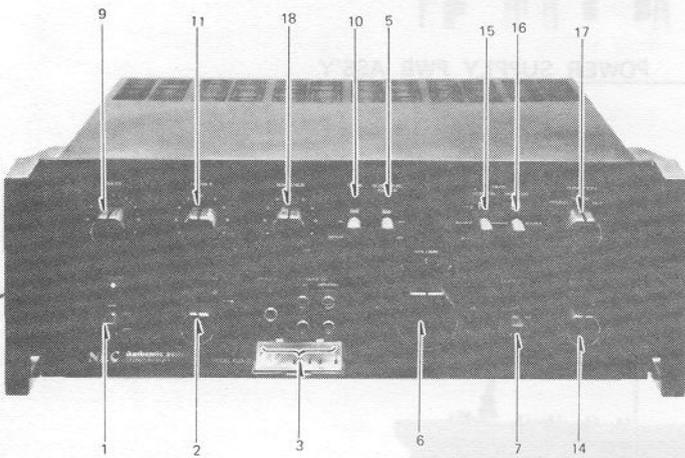
# NAME OF SWITCHES AND CONTROLS



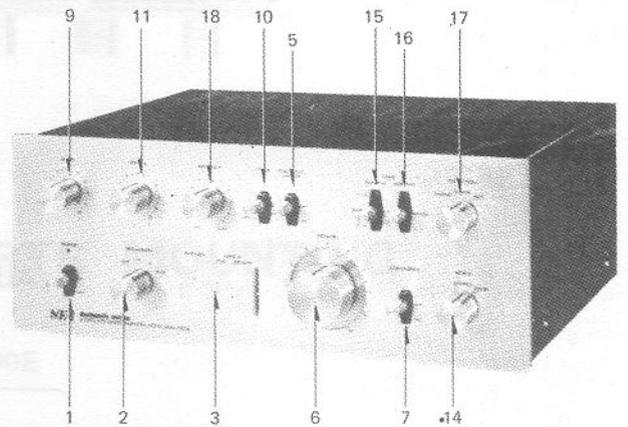
AUA-6000EB



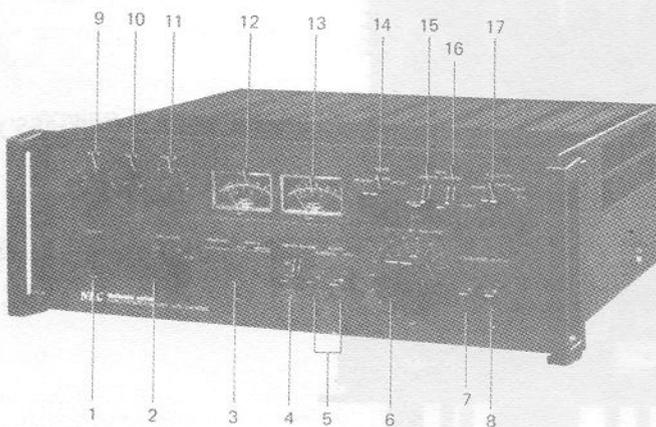
AUA-6000E



AUA-7000EB



AUA-7000E

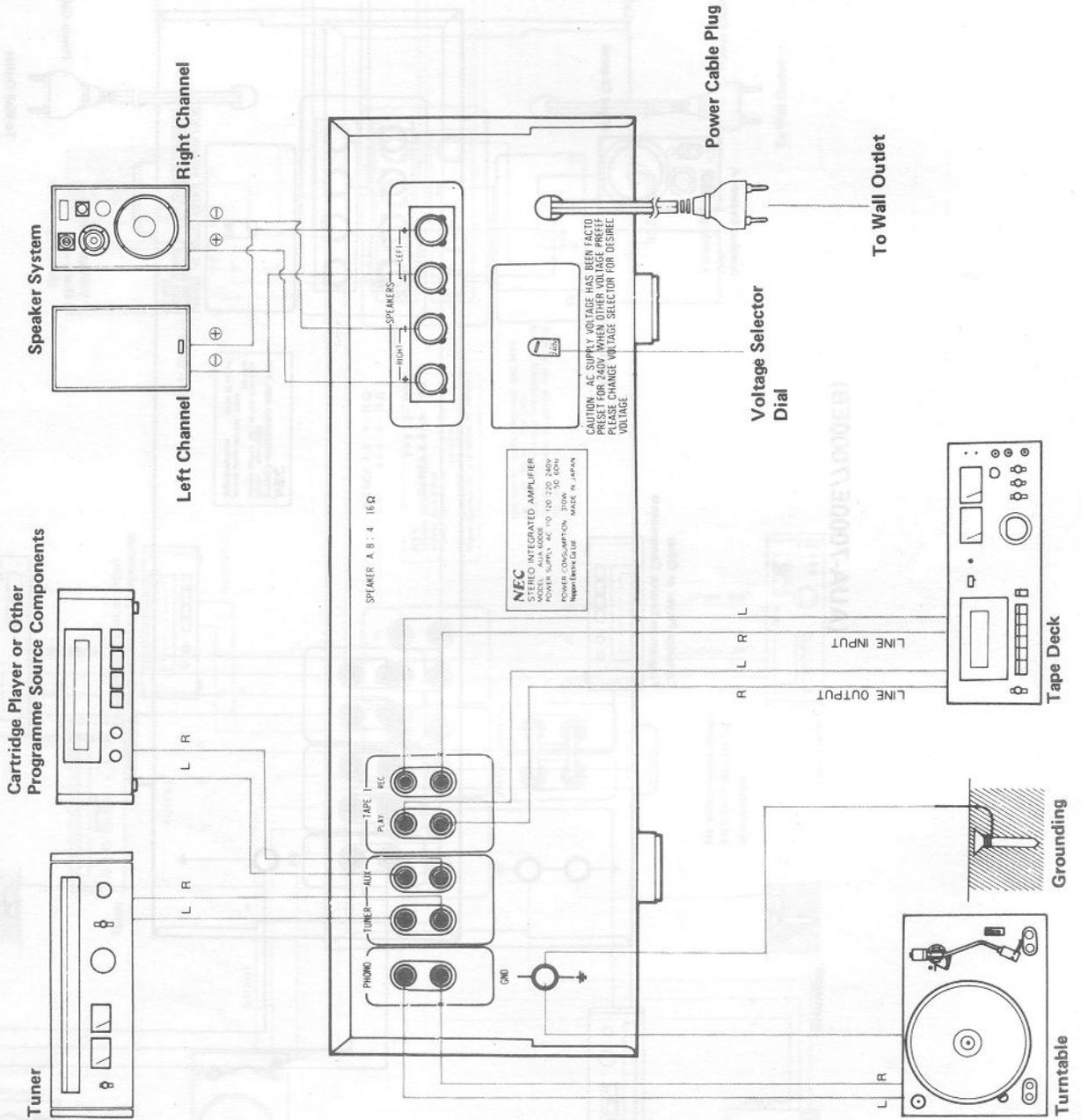


AUA-8000E

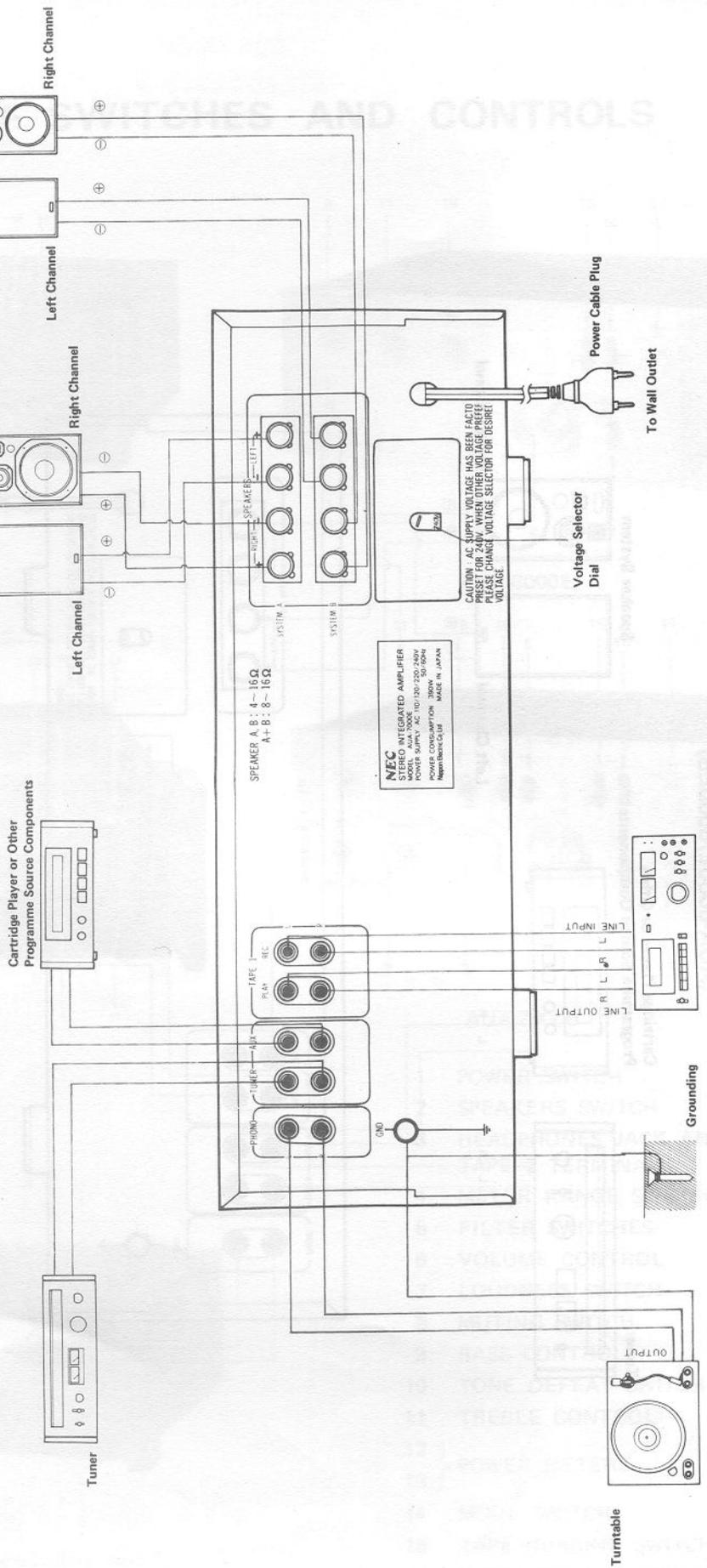
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# DIAGRAM OF CONNECTIONS

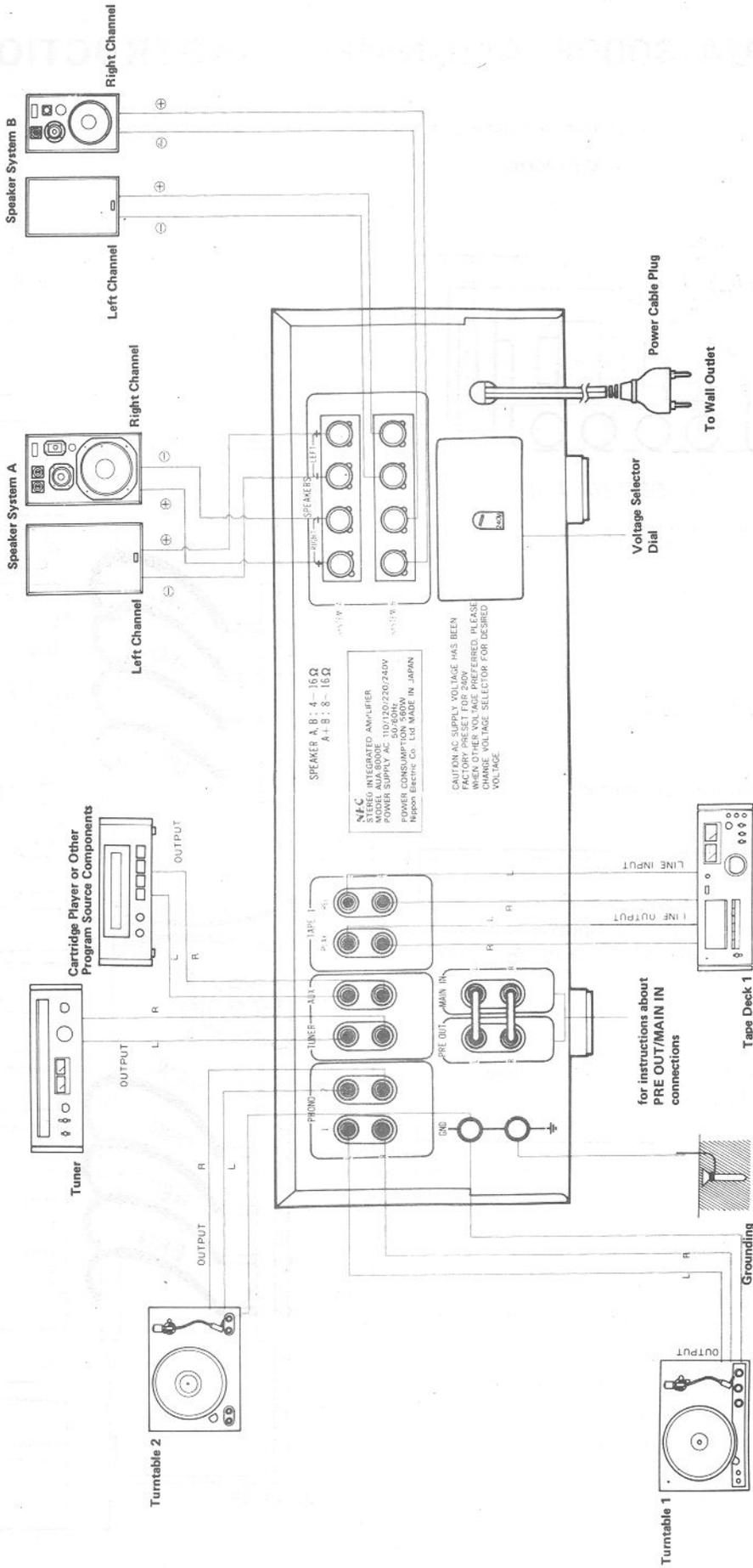
(AUA-6000E/6000EB)



(AUA-7000E/7000EB)



(AUA-8000E)

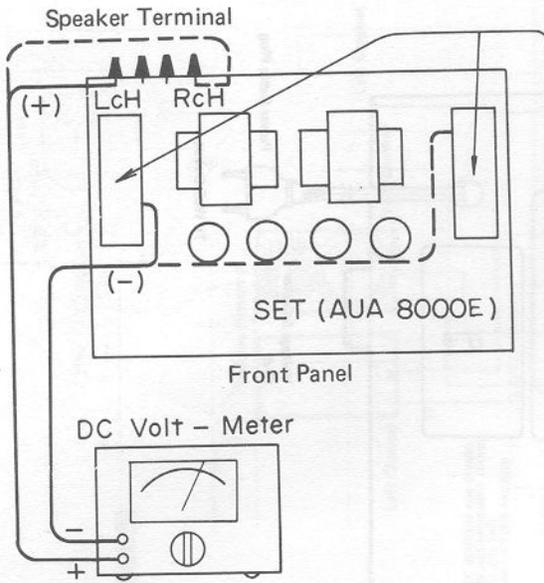


# AUA-8000E ALIGNMENT INSTRUCTION

## 1. Power Transistor Idling Current Adjustment

Equipment Required : DC Volt-Meter

Alignment

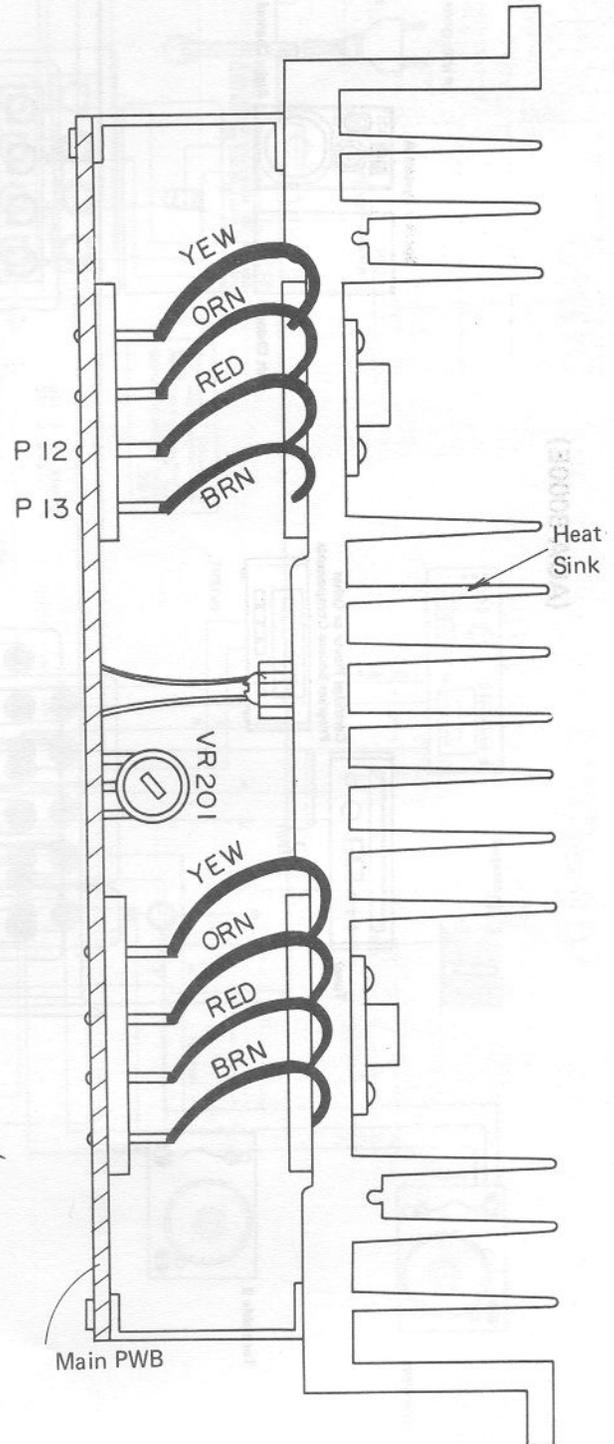


Note: Input to be shorted.

L Channel:

Compare with P12 (speaker-terminal) and P13 (speaker-terminal), adjust VR 201 to 14mV.

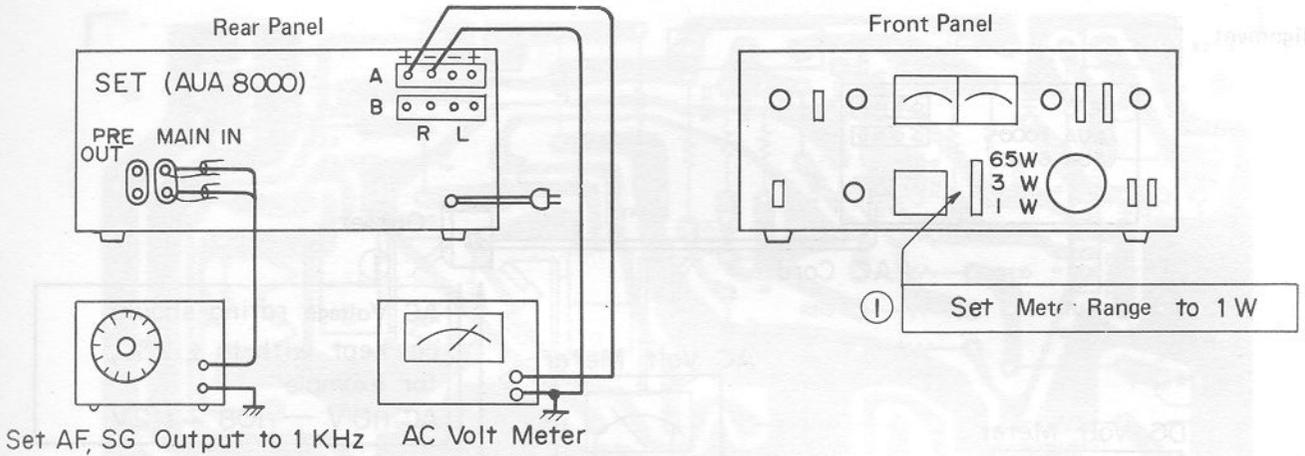
R Channel Alignment should be done same as L Channel.



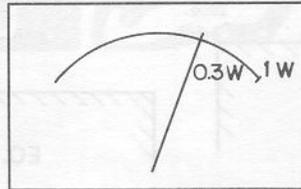
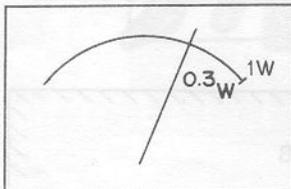
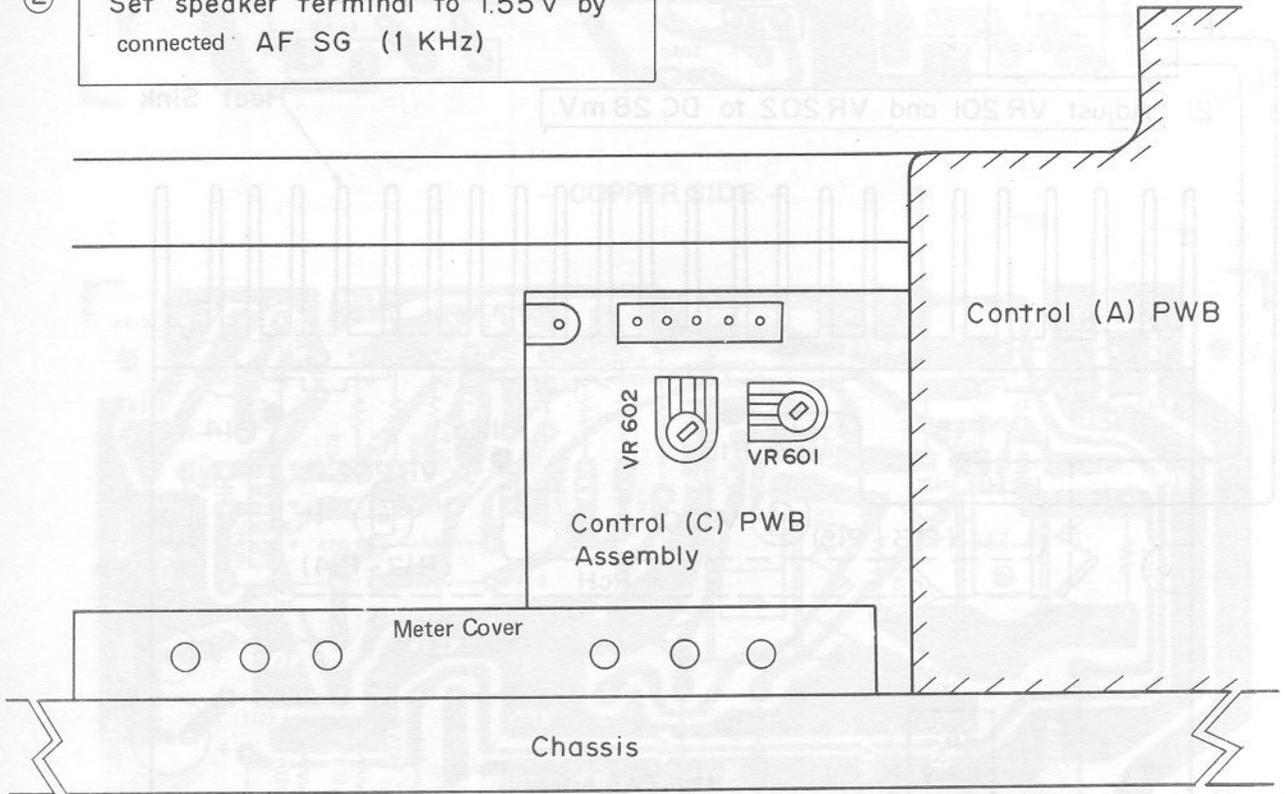
## 2. METER Sensitivity Alignment

Equipment Required : AF Signal Generator  
AC Volt-Meter

### 2-2 ALIGNMENT



- ② Set speaker terminal to 1.55V by connected AF SG (1 KHz)



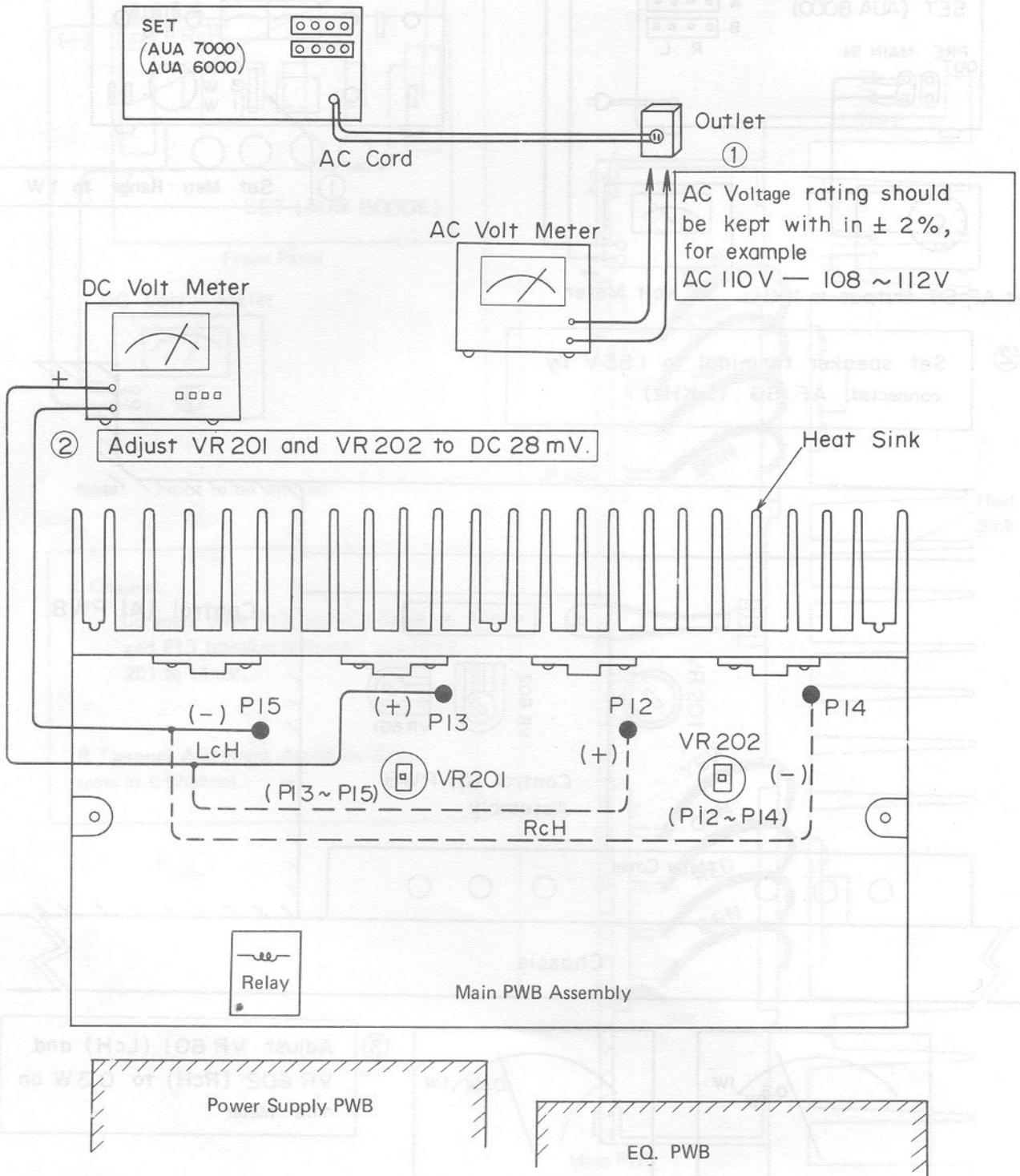
- ③ Adjust VR 601 (LcH) and VR 602 (RcH) to 0.3W on the Meter

Meter

# AUA-7000E & AUA-6000E ALIGNMENT INSTRUCTION

3. Equipment Required : AC Volt-Meter  
DC Volt-Meter

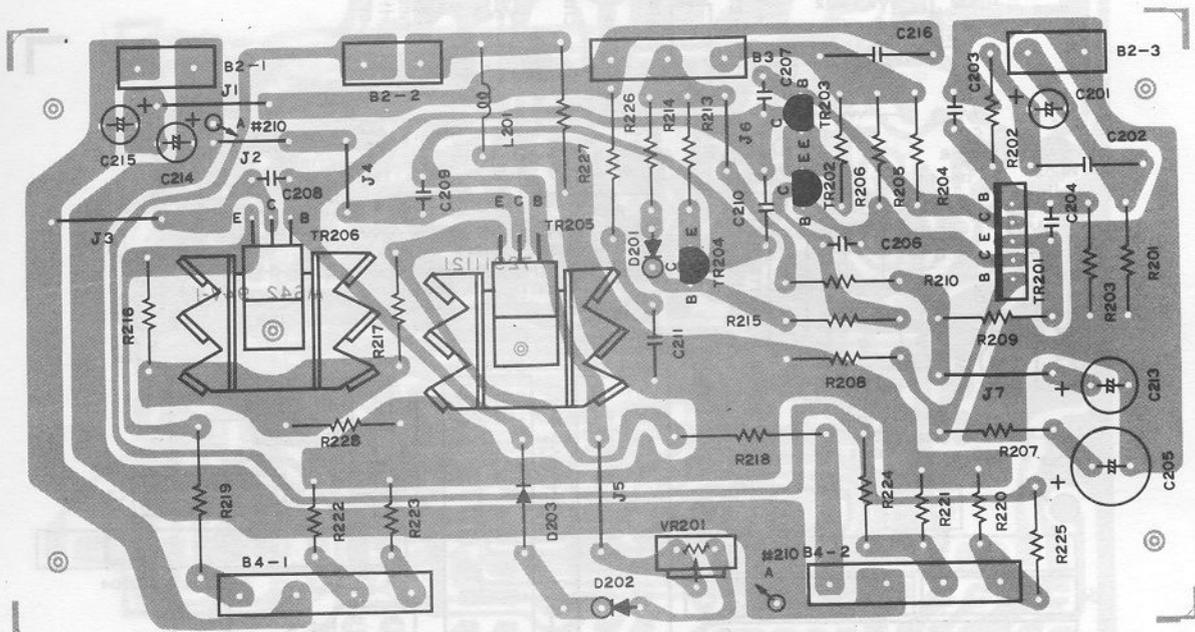
## Alignment



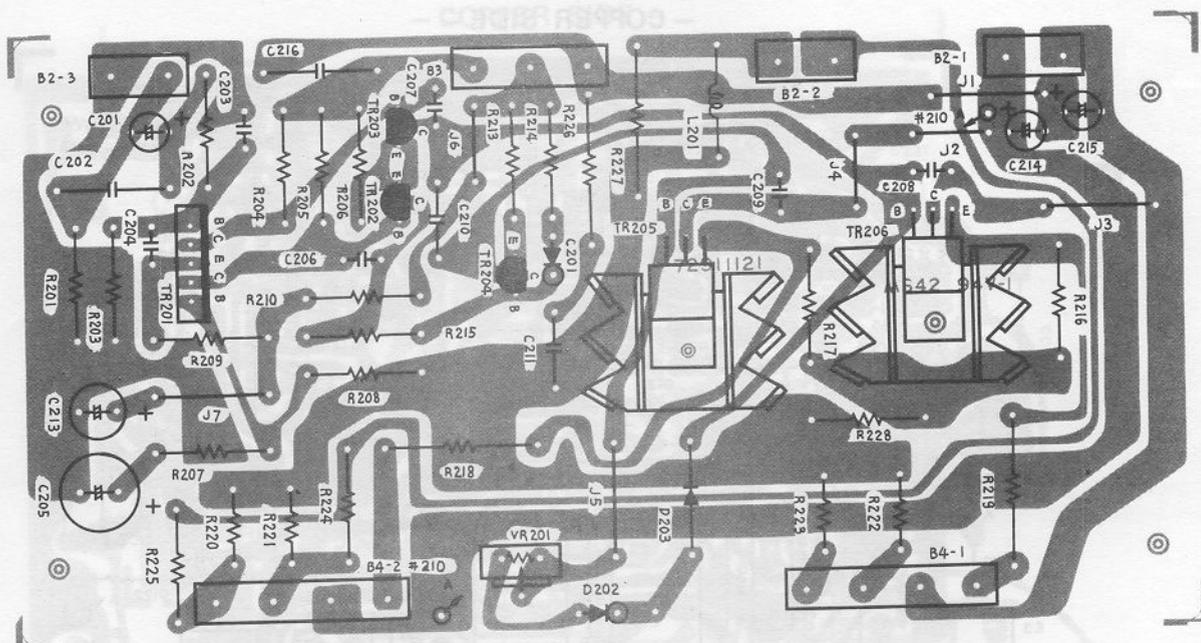
# MAIN PWB ASS'Y

(AUA-8000E)

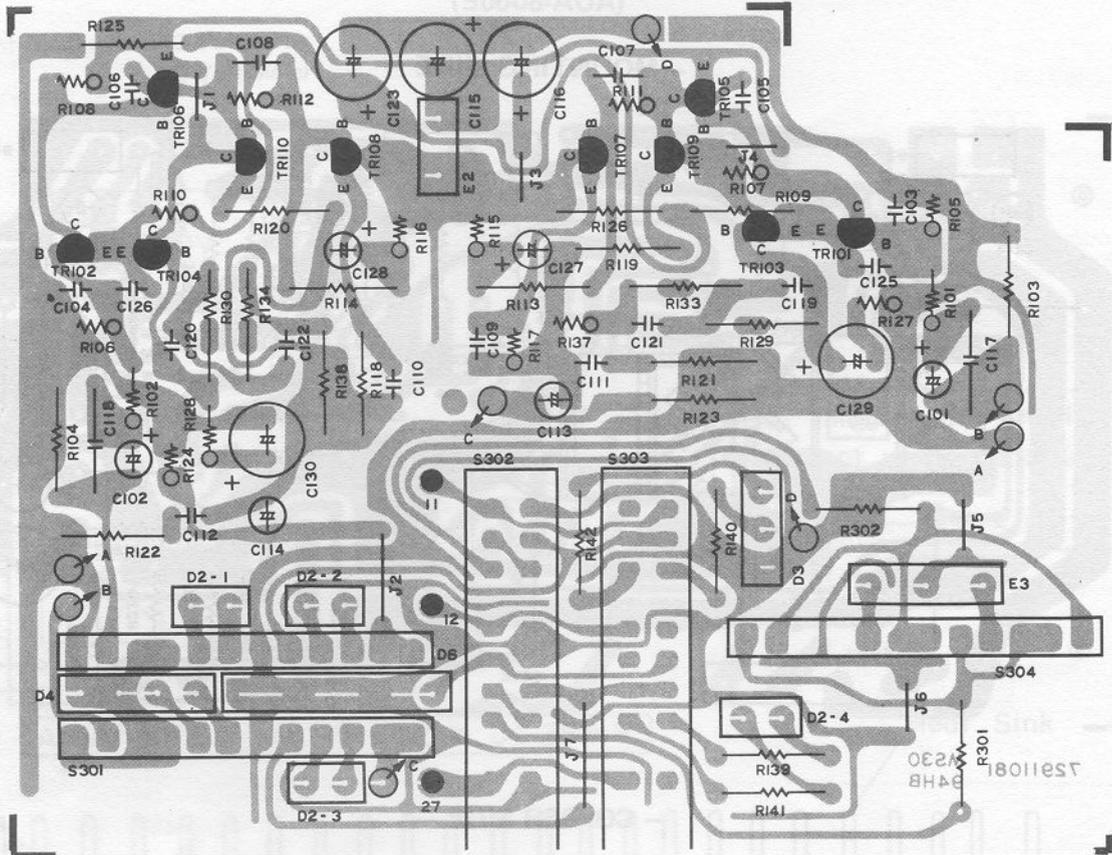
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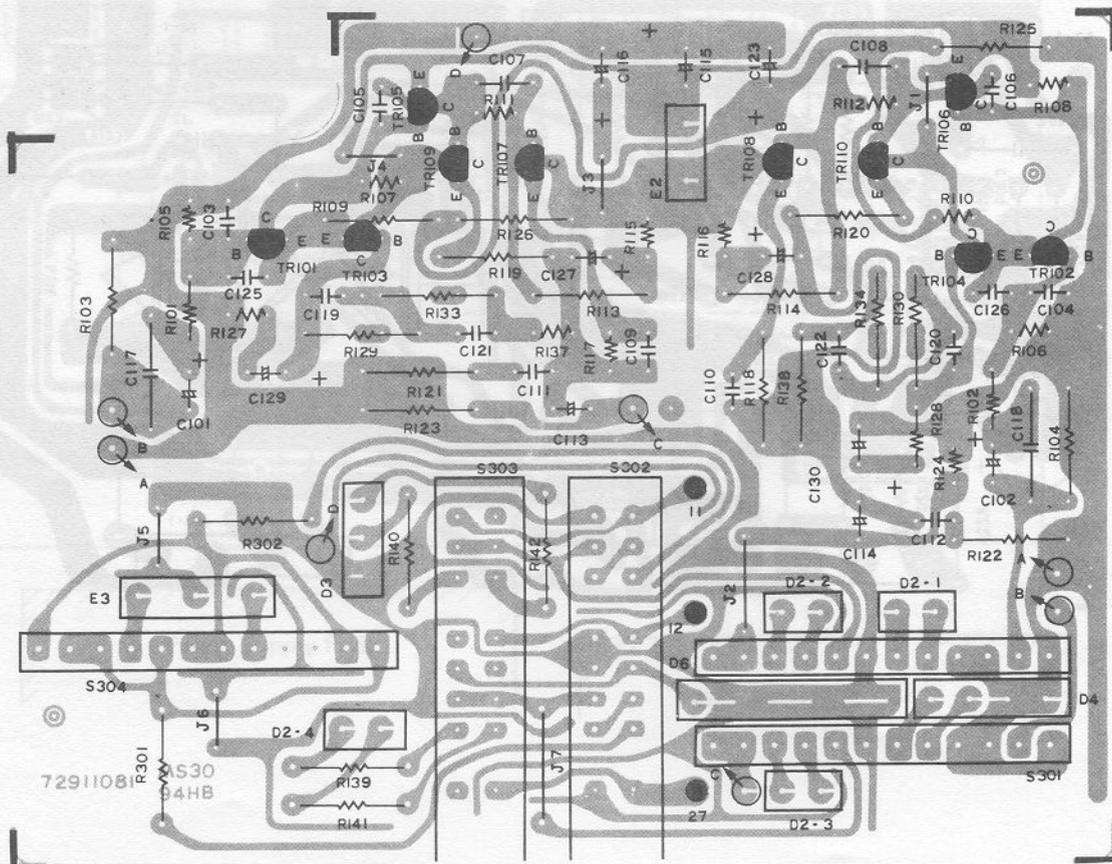
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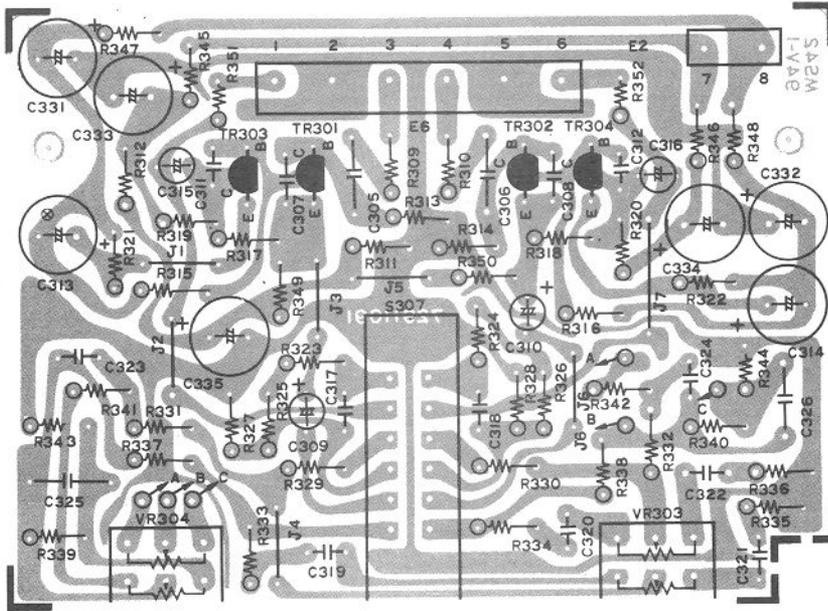
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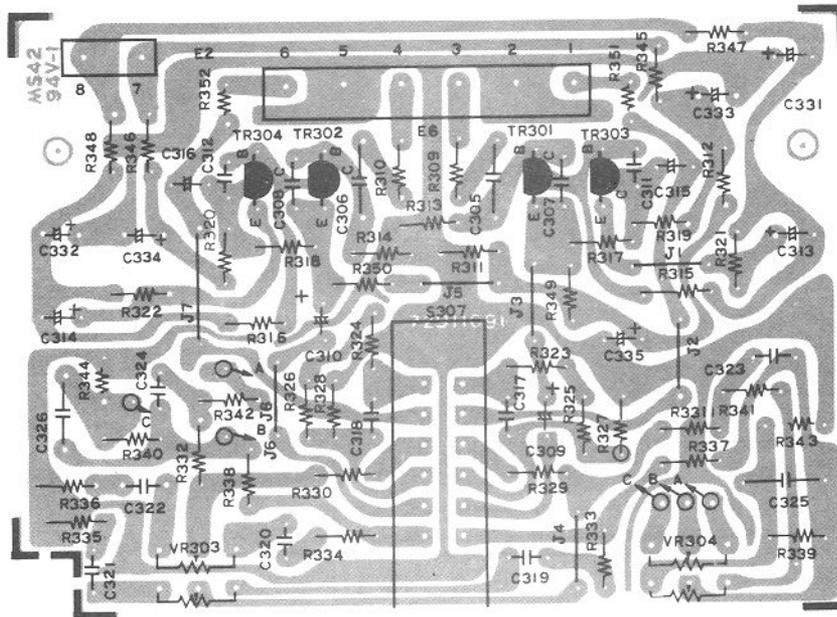
# CONTROL (B) UNIT PWB UNIT ASS'Y

(AUA-8000E)

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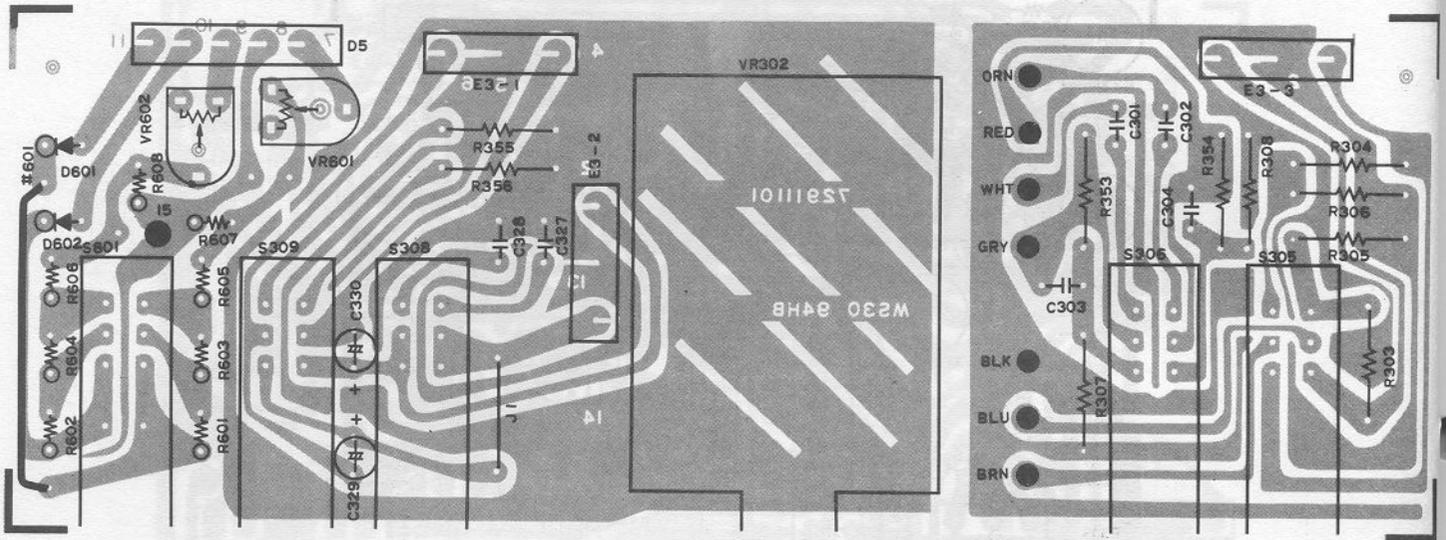
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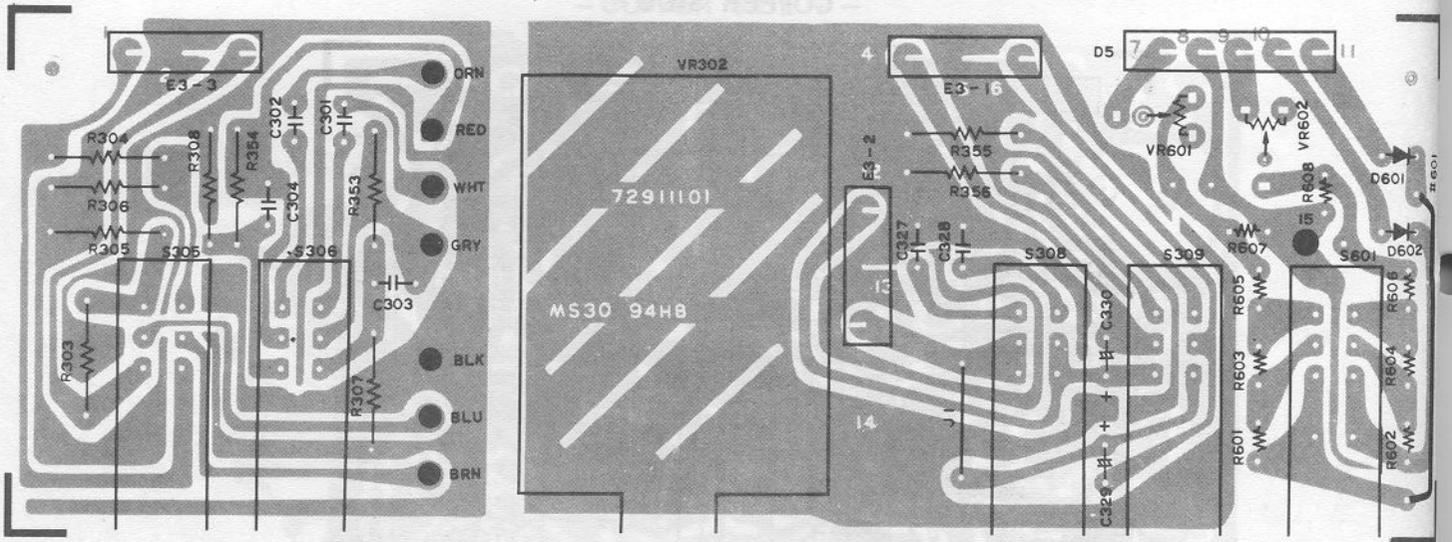
# CONTROL (C) UNIT PWB UNIT ASS'Y

(AUA-8000E)

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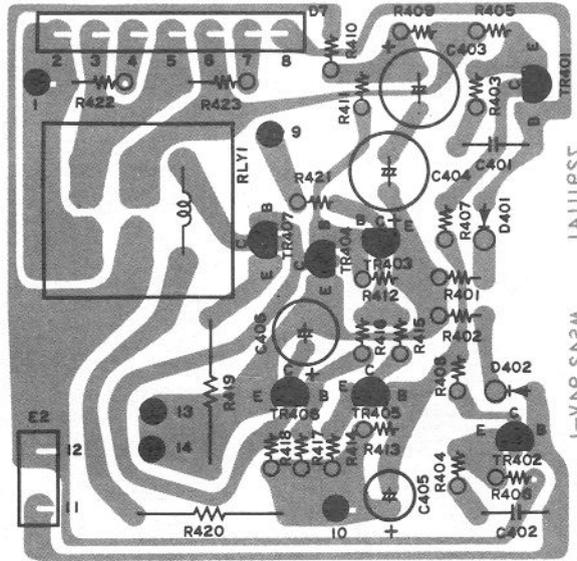
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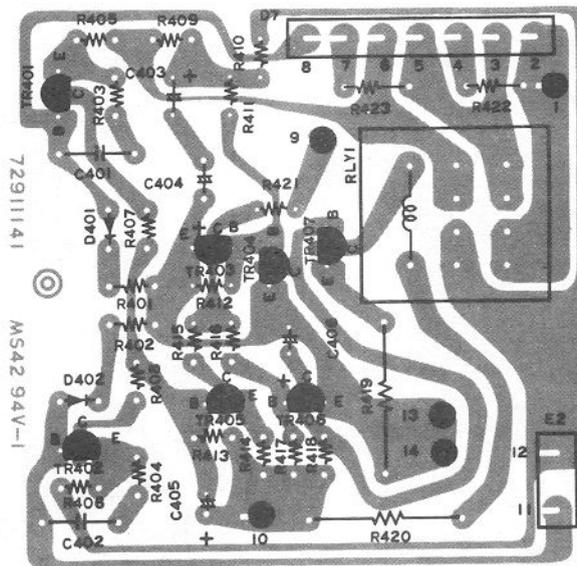
# PROTECTOR PWB UNIT ASS'Y

(AUA-8000E)

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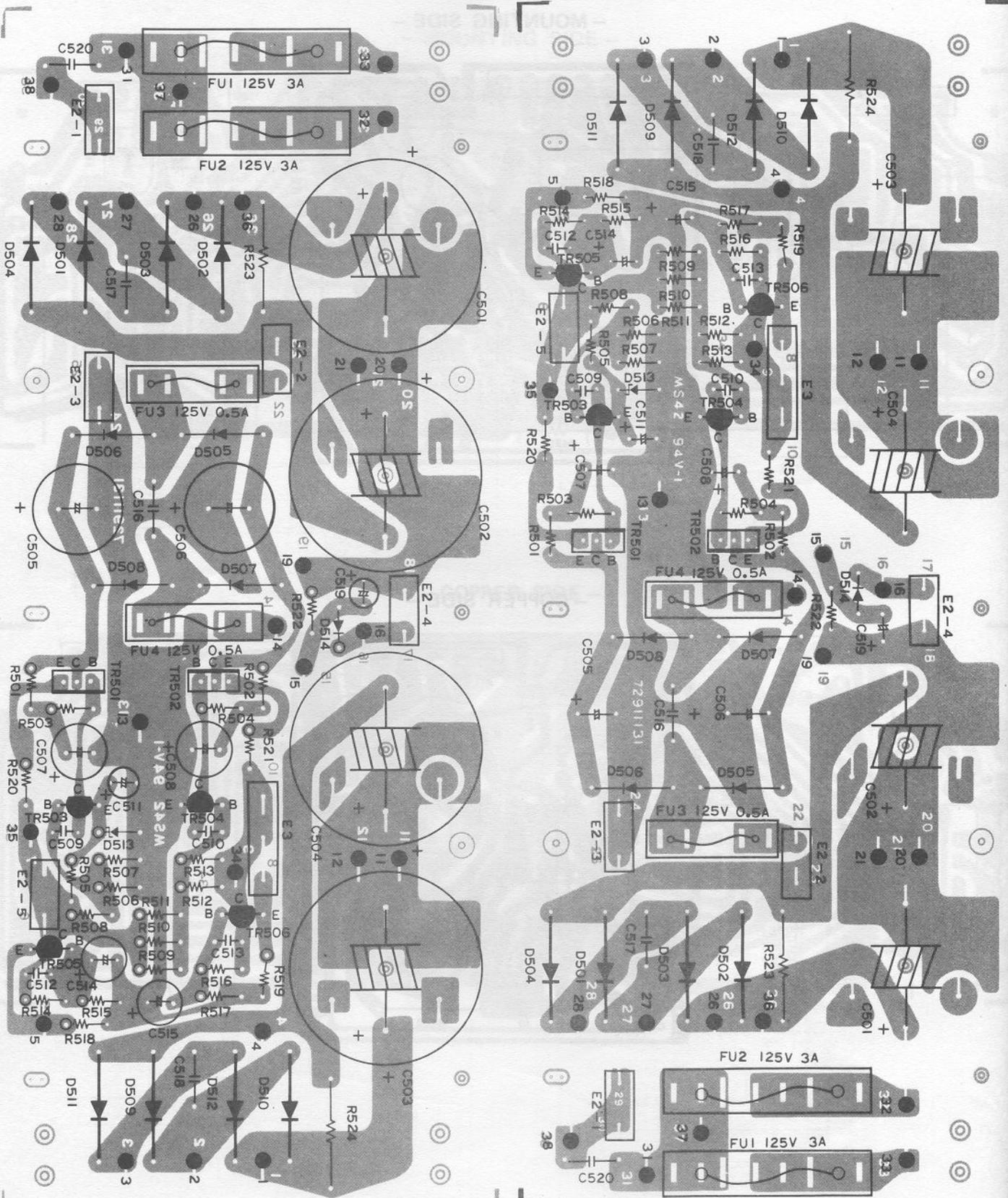


# POWER PWB UNIT ASS'Y

(AUA-8000E)

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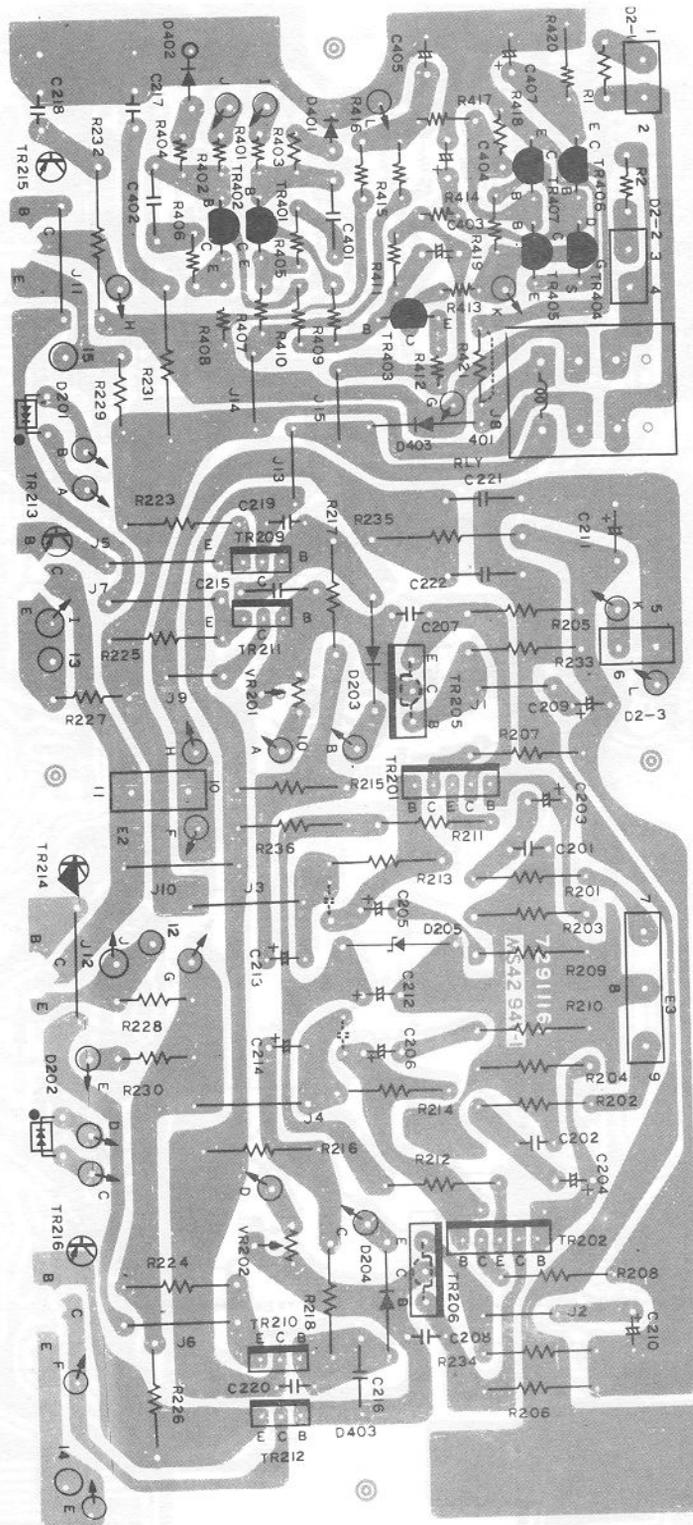
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# MAIN PWB ASS'Y

(AUA-6000E/6000EB · AUA-7000E/7000EB)

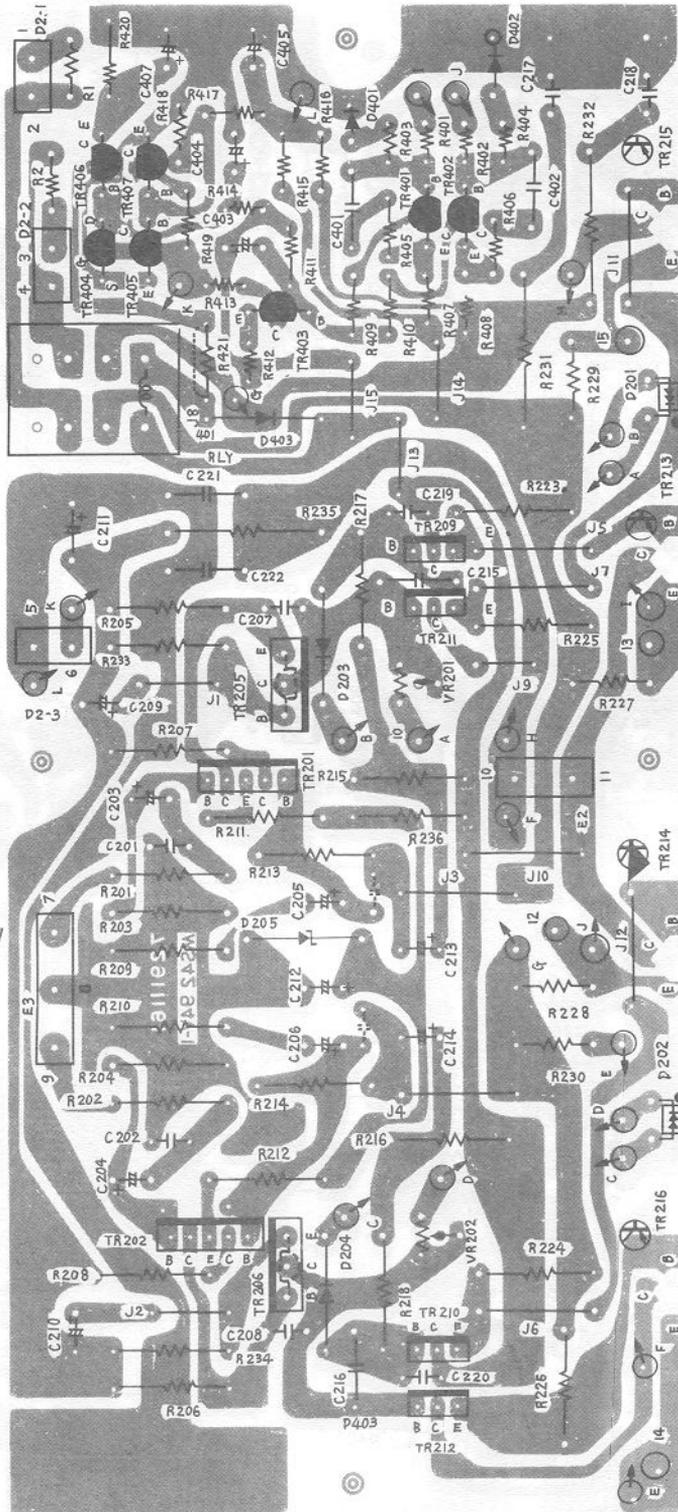
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# MAIN PWB ASS'Y

(AUA-6000E-AUA-7000E)

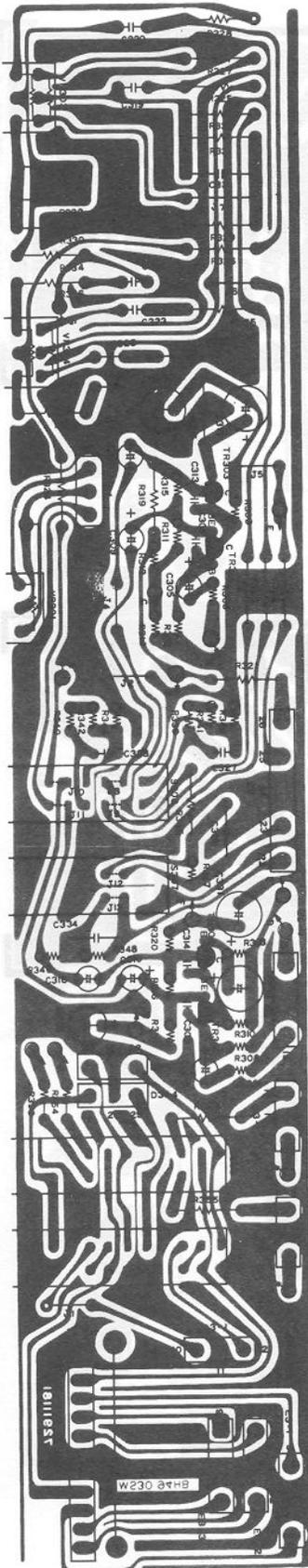
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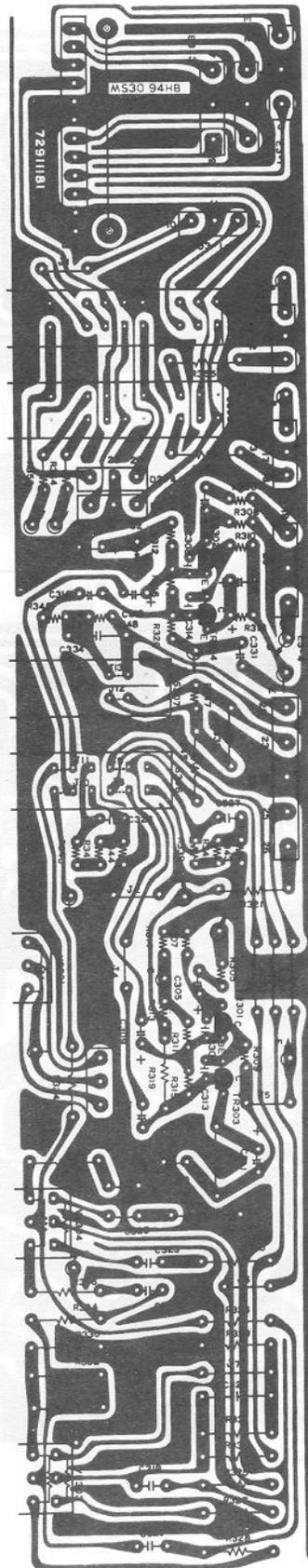
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(AUA-6000E/6000EB · AUA-7000E/7000EB)

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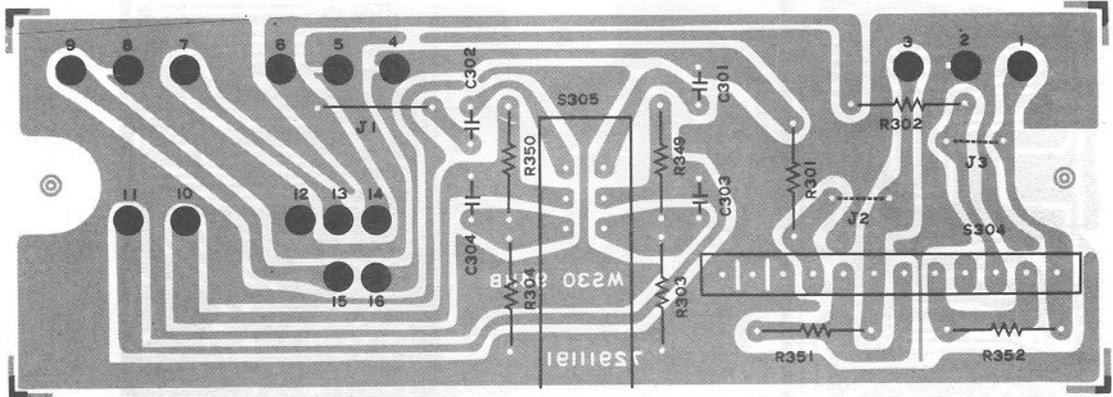
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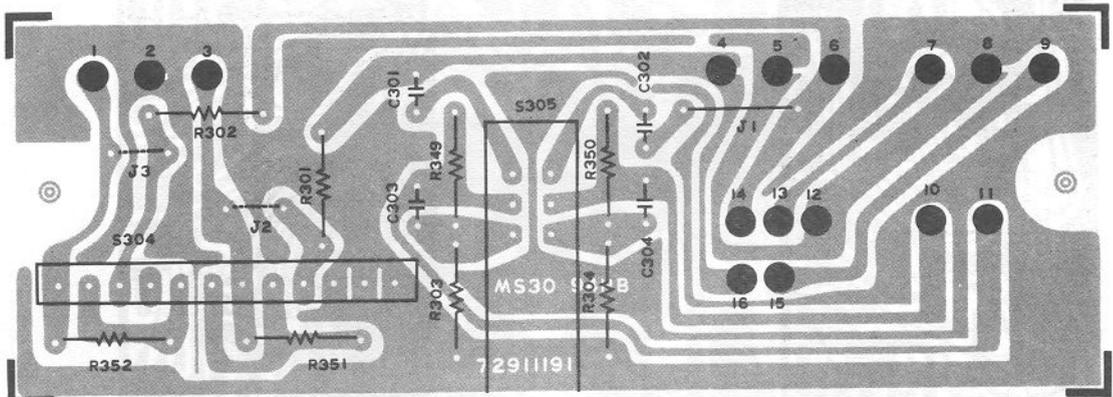
# CONTROL (B) UNIT PWB UNIT ASS'Y

(AUA-6000E/6000EB · AUA-7000E/7000EB)

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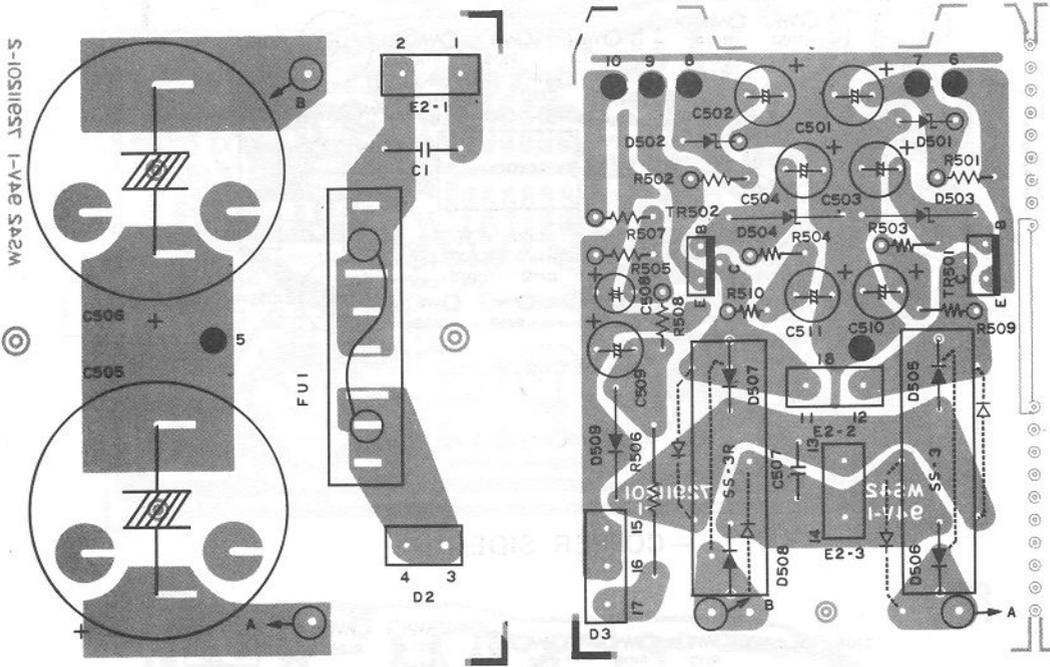
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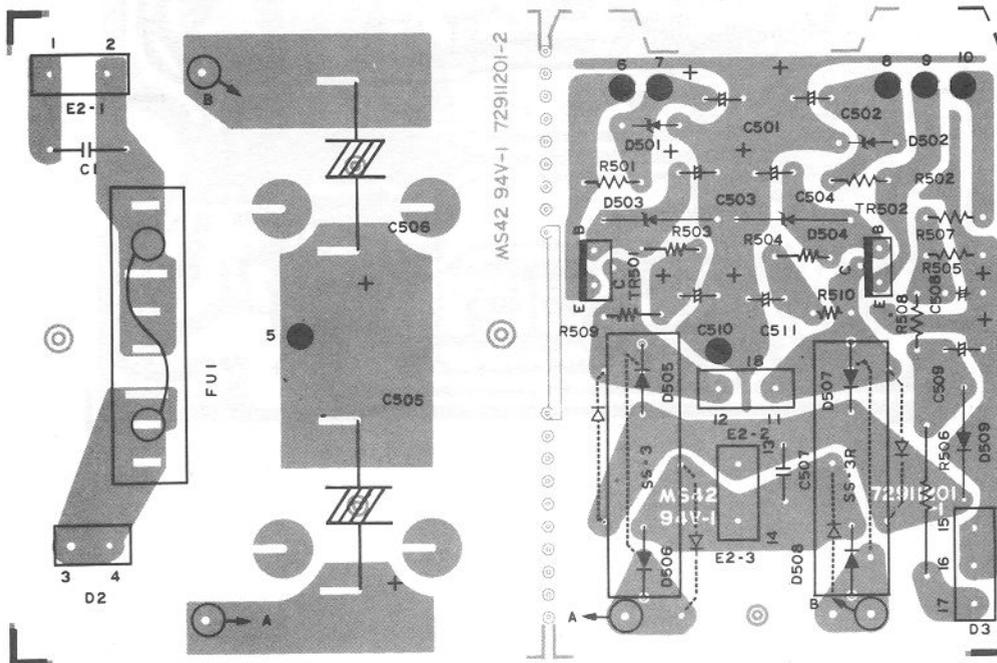
# POWER PWB UNIT ASS'Y

(AUA-6000E/6000EB · AUA-7000E/7000EB)

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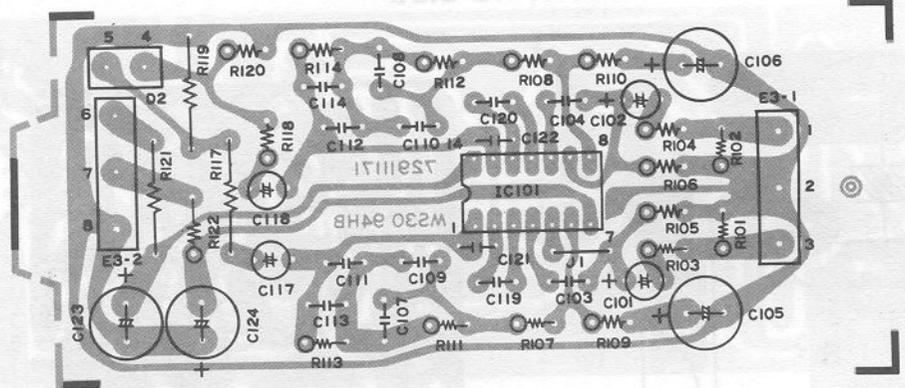


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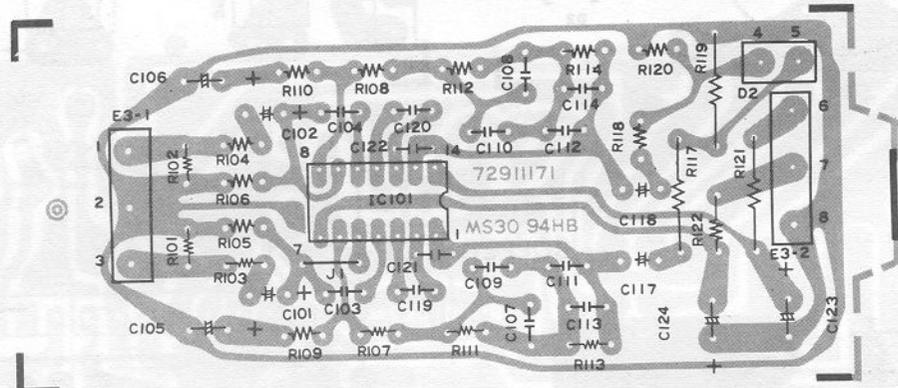


EQ PWB UNIT ASS'Y  
 (AUA-6000E/6000EB)

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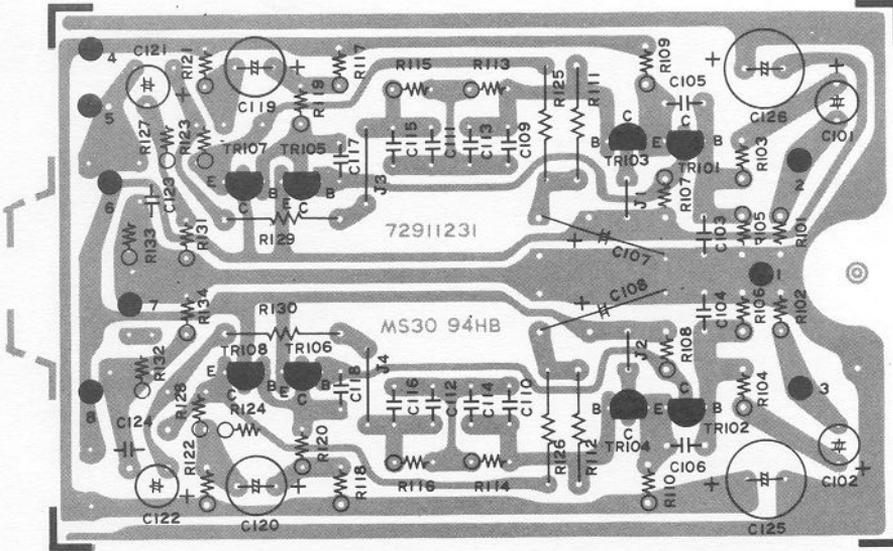
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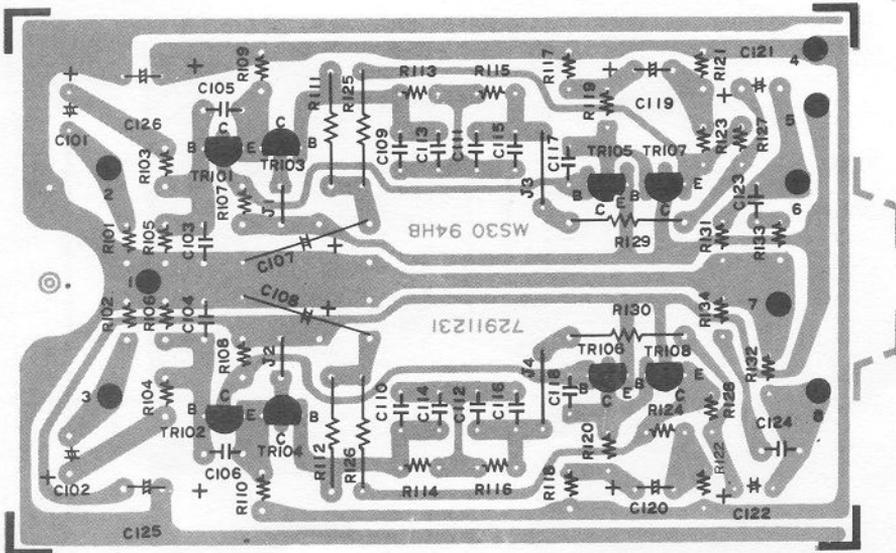
EQ PWB UNIT ASS'Y

(AUA-7000E/7000EB)

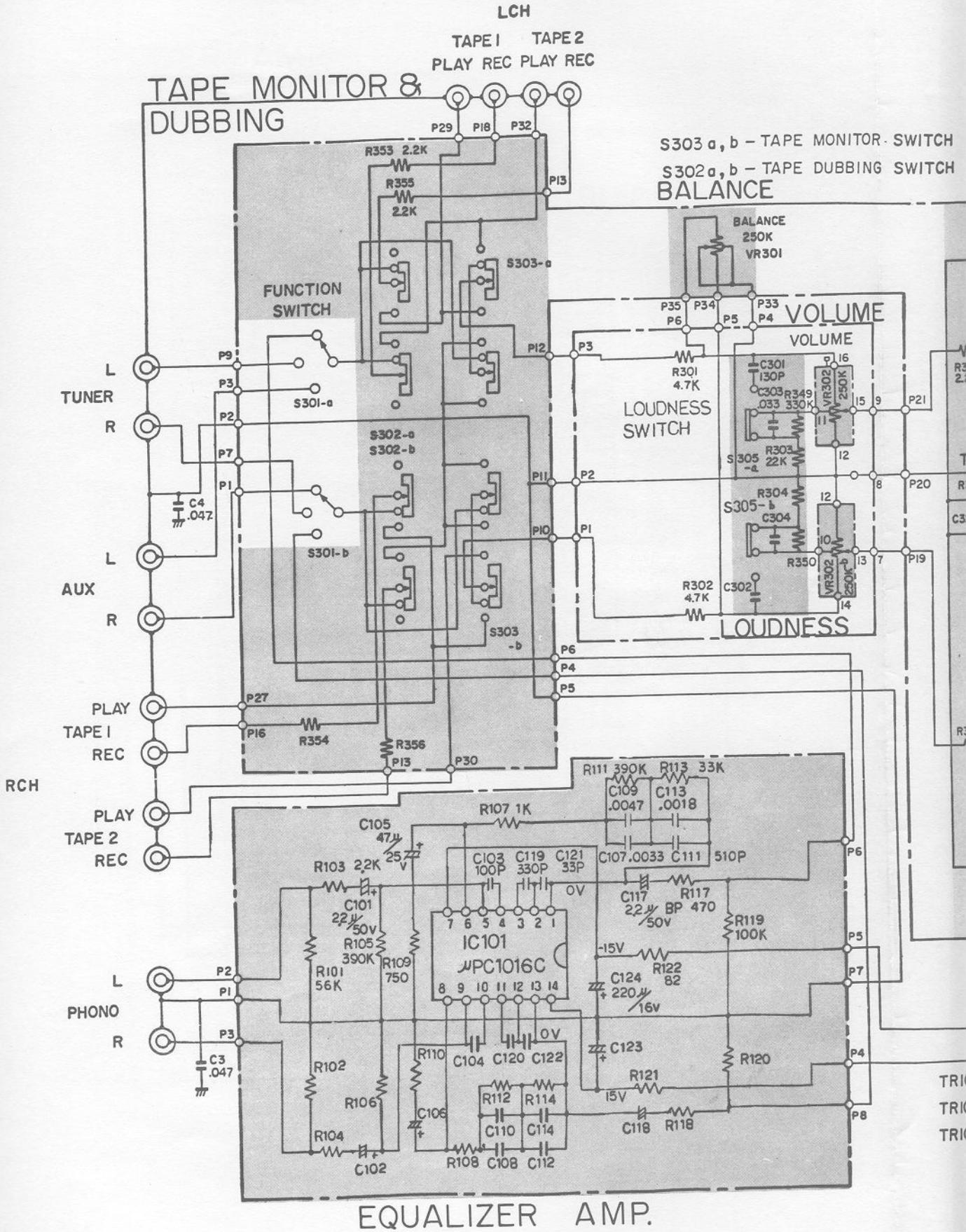
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# AUA-6000E/6000EB SCHEMATIC DIAGRAM

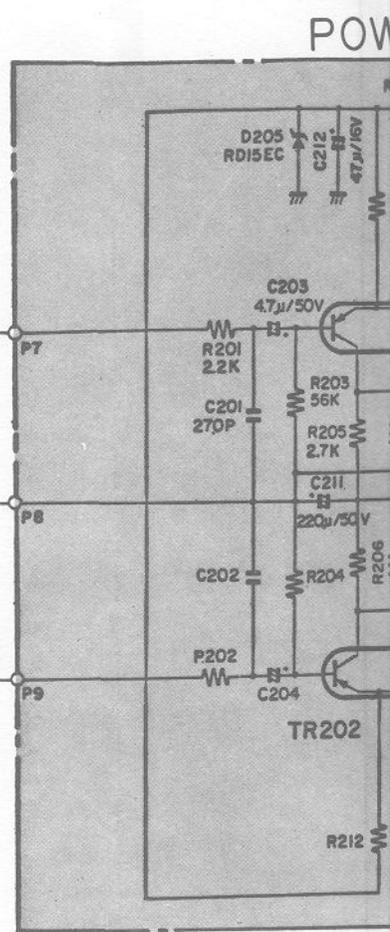
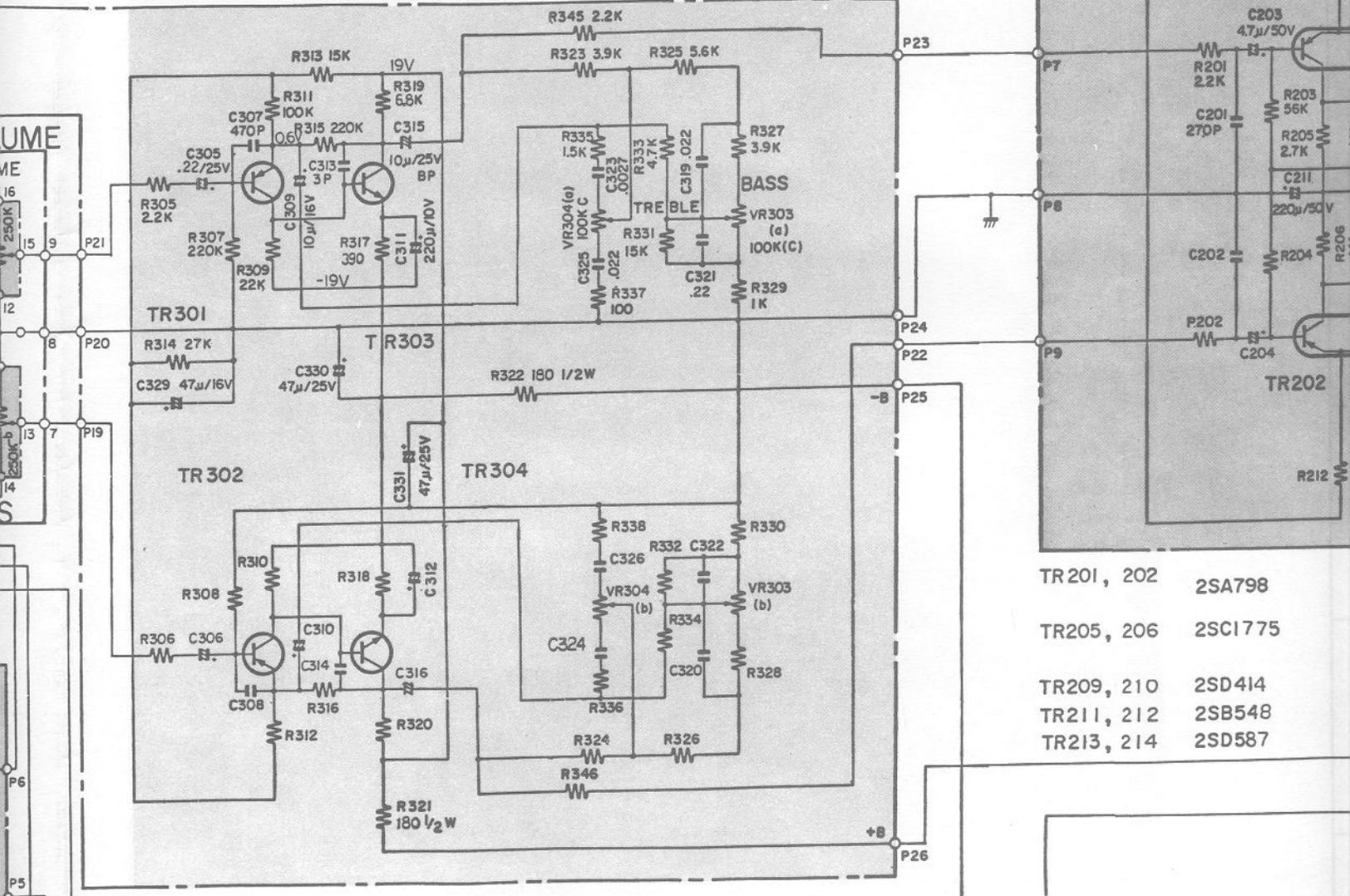


TR301,2 2SA872E  
 TR303,4 2SC1775F

MONITOR SWITCH  
 BASSING SWITCH

### TONE AMP. & CONTROL

VOLUME



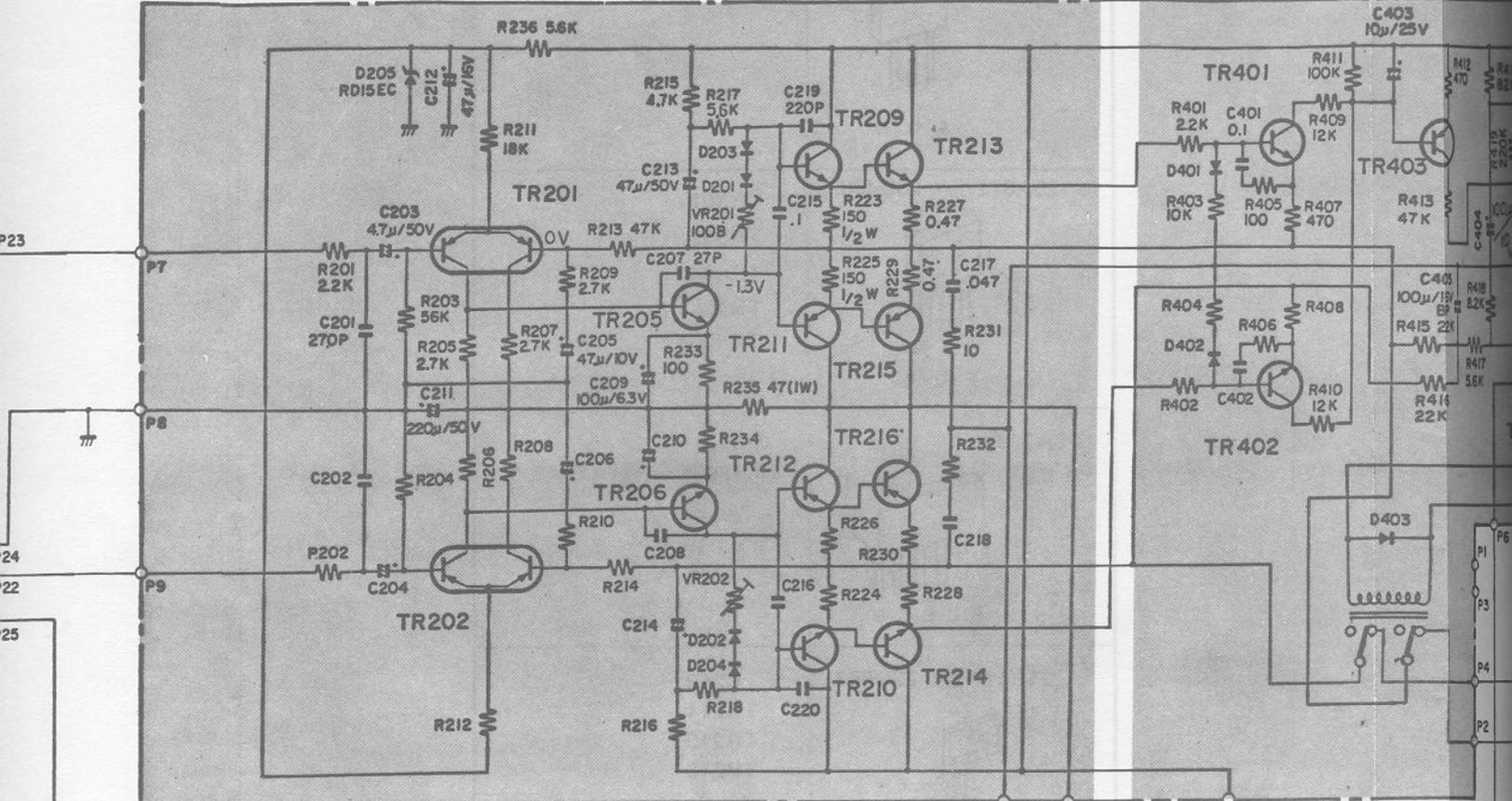
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 TR105,6 2SC1313G  
 TR107,8 2SA726F

POWER

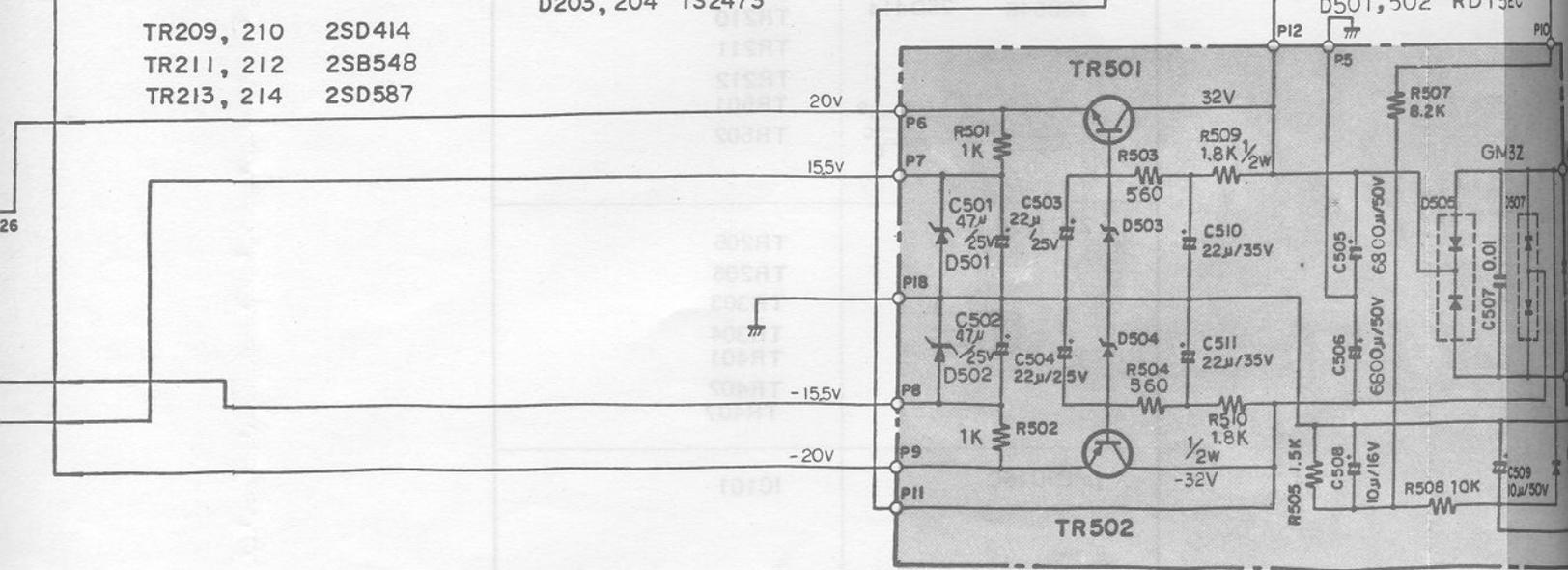
# POWER AMP

# PROTECT

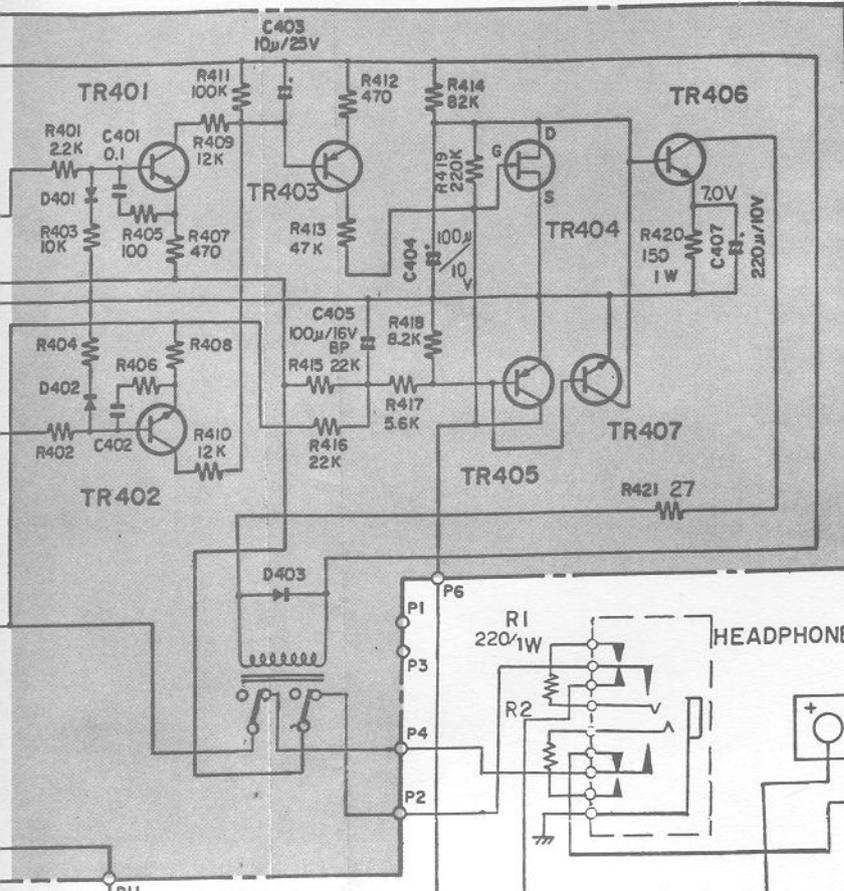


- |            |         |            |          |
|------------|---------|------------|----------|
| TR201, 202 | 2SA798  | TR215, 216 | 2SB617   |
| TR205, 206 | 2SC1775 | D201, 202  | STV-3(H) |
|            |         | D203, 204  | 1S2473   |
| TR209, 210 | 2SD414  |            |          |
| TR211, 212 | 2SB548  |            |          |
| TR213, 214 | 2SD587  |            |          |

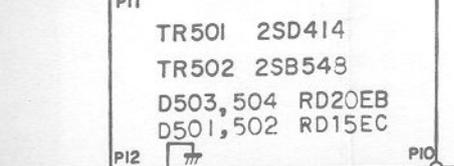
- |           |        |
|-----------|--------|
| TR501     | 2SD414 |
| TR502     | 2SB548 |
| D503, 504 | RD20EB |
| D501, 502 | RD15EC |



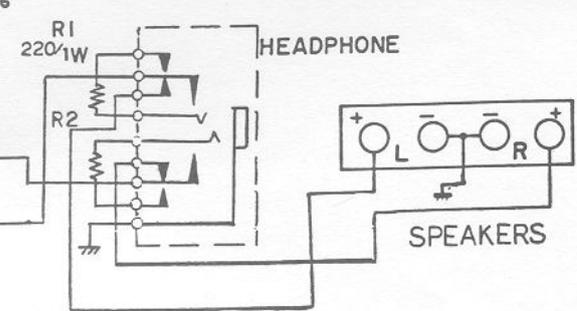
# PROTECTION



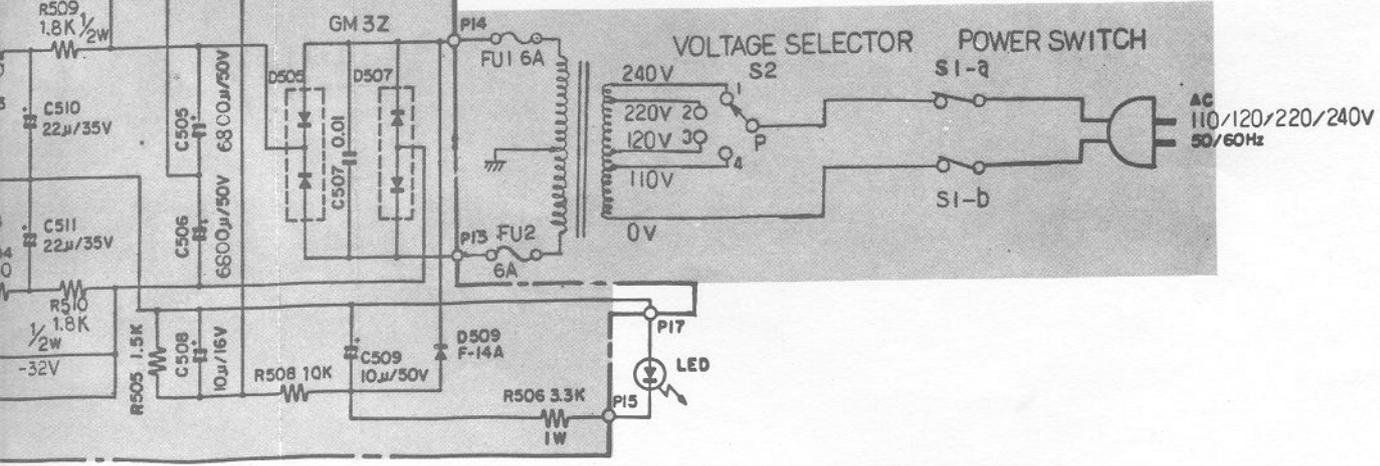
- TR401, 402, 407  
2SC1775
- TR403, 5  
2SA872
- TR404  
2SK30
- TR406  
2SD438
- D401, 402, 403  
IS2473



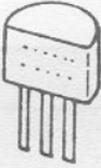
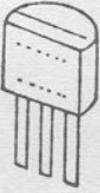
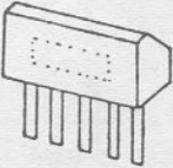
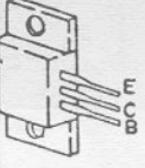
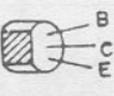
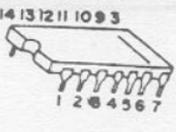
- TR501 2SD414
- TR502 2SB543
- D503, 504 RD20EB
- D501, 502 RD15EC



# POWER SUPPLY



# Transistor & IC Lead Identification

<p>2SK30</p>  <p>S G D</p>	<p>TR404</p>
<p>2SA872    2SD438</p>  <p>E C B</p>	<p>TR301 TR302 TR403 TR405 TR406</p>
<p>2SA798</p>  <p>B C E C B</p>	<p>TR201 TR202</p>
<p>2SB617    2SD587</p>  <p>E C B</p>	<p>TR213 TR214 TR215 TR216</p>
<p>2SB548    2SD414</p>  <p>B C E</p>	<p>TR209 TR210 TR211 TR212 TR501 TR502</p>
<p>2SC1775</p>  <p>B C E</p>	<p>TR205 TR206 TR303 TR304 TR401 TR402 TR407</p>
<p><math>\mu</math>PC1016C</p>  <p>14 13 12 11 10 9 8 1 2 3 4 5 6 7</p>	<p>IC101</p>

# AUA-7000E/ 7000EB SCHEMATIC DIAGRAM

LCH

TAPE 1 TAPE 2  
PLAY REC PLAY REC

TAPE MONITOR &  
DUBBING

S303 a, b - TAPE MONITOR SWITCH  
S302 a, b - TAPE DUBBING SWITCH

BALANCE

BALANCE  
250K  
VR301

MODE VOLUME

VOLUME

C301 130P  
C303 R349  
033 330K  
R303 22K  
R304  
C304  
R350  
VR302 250K

MODE SWITCH

LOUDNESS

R301 4.7K  
S304-a  
S304-b  
R352 5.6K  
R302 4.7K  
C302

FUNCTION SWITCH

L  
TUNER  
R

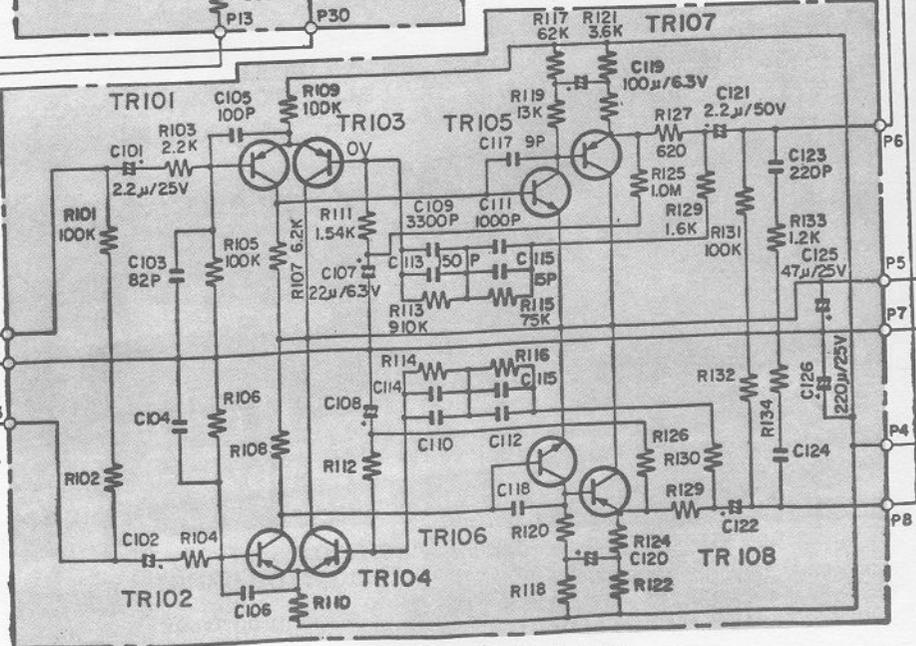
L  
AUX  
R

PLAY  
TAPE 1  
REC

RCH

PLAY  
TAPE 2  
REC

L  
PHONO  
R

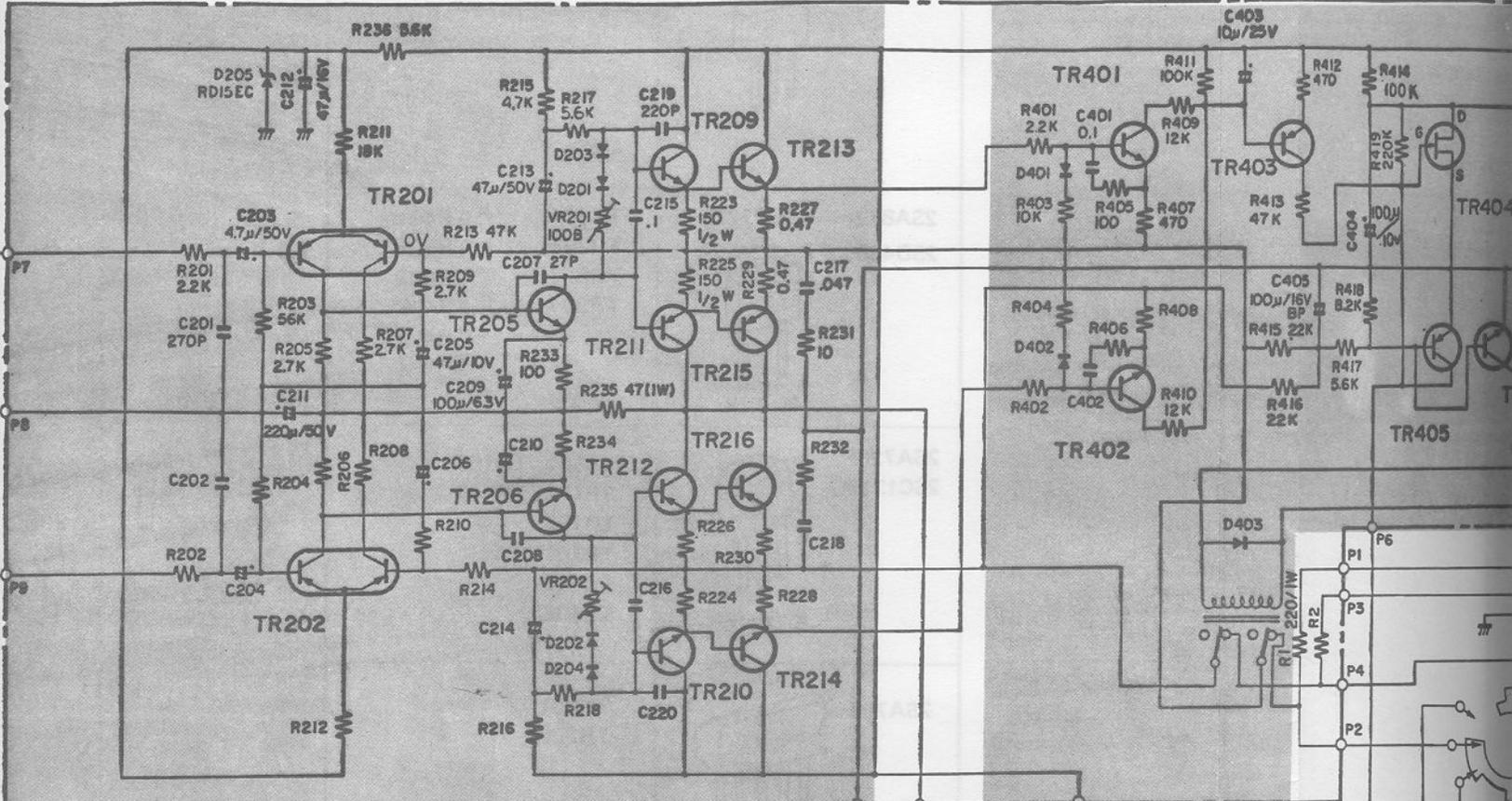


EQUALIZER AMP.



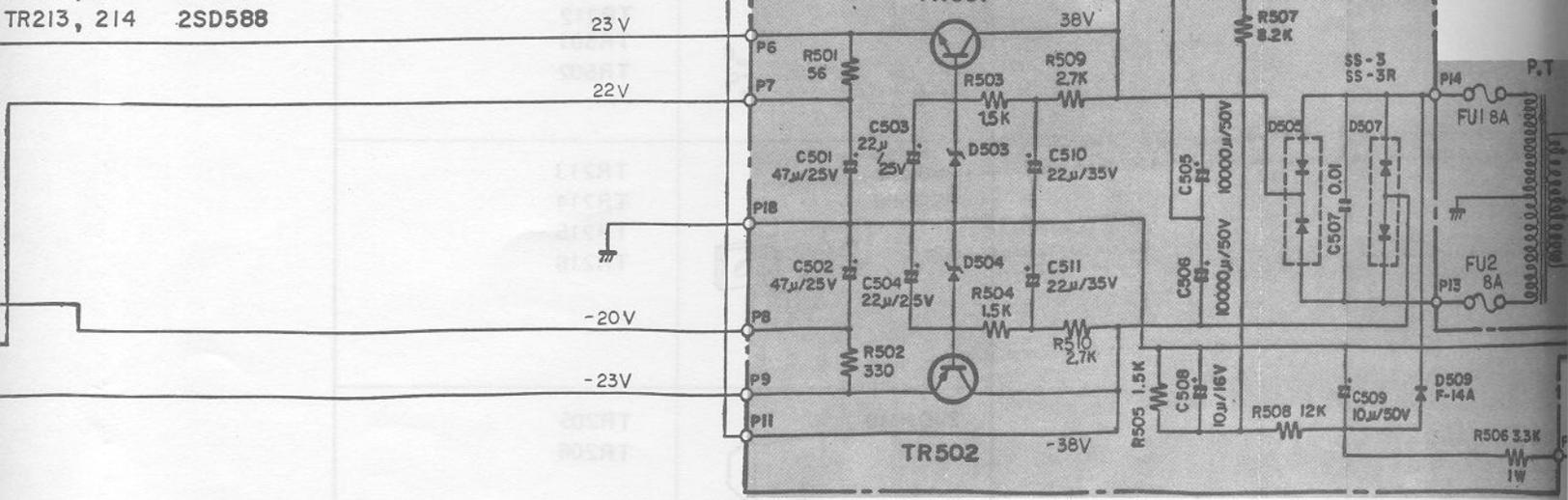
# POWER AMP.

# PROTECTION

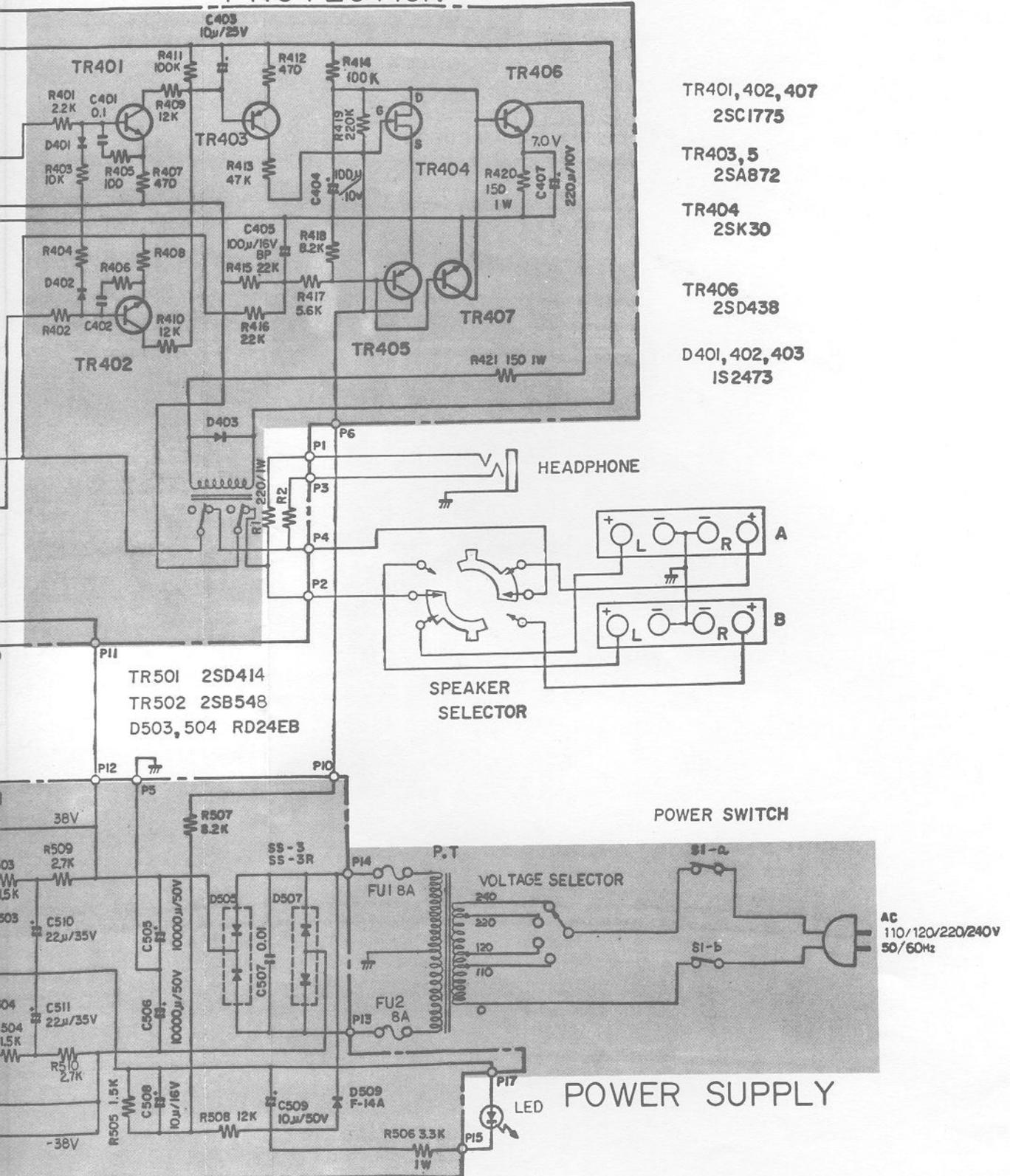


TR201, 202	2SA798	TR215, 216	2SB618
TR205, 206	2SC1940	D201, 202	STV-3(H)
		D203, 204	IS2473
TR209, 210	2SD415		
TR211, 212	2SB549		
TR213, 214	2SD588		

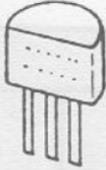
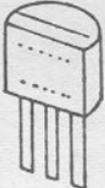
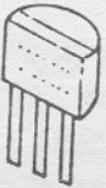
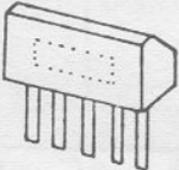
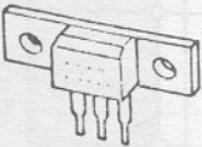
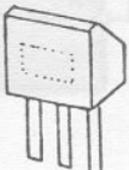
TR501	2SD414
TR502	2SB548
D503, 504	RD24EB



# PROTECTION



# Transistor & IC Lead Identification

<p>2SK30</p>  <p>S G D</p>	<p>TR401</p>
<p>2SA872 2SD438</p> <p>2SC1775</p>  <p>E C B</p>	<p>TR301 TR401 TR302 TR402 TR303 TR403 TR304 TR405 TR406 TR407</p>
<p>2SA726F 2SC1313G</p>  <p>B C E</p>	<p>TR101 TR107 TR102 TR108 TR103 TR104 TR105 TR106</p>
<p>2SA798</p>  <p>B C E C B</p>	<p>TR201 TR202</p>
<p>2SB548 2SB549</p> <p>2SD414 2SD415</p>  <p>B C E</p>	<p>TR209 TR210 TR211 TR212 TR501 TR502</p>
<p>2SB618 2SD588</p>  <p>B C E</p>	<p>TR213 TR214 TR215 TR216</p>
<p>2SC1940</p>  <p>B C E</p>	<p>TR205 TR206</p>

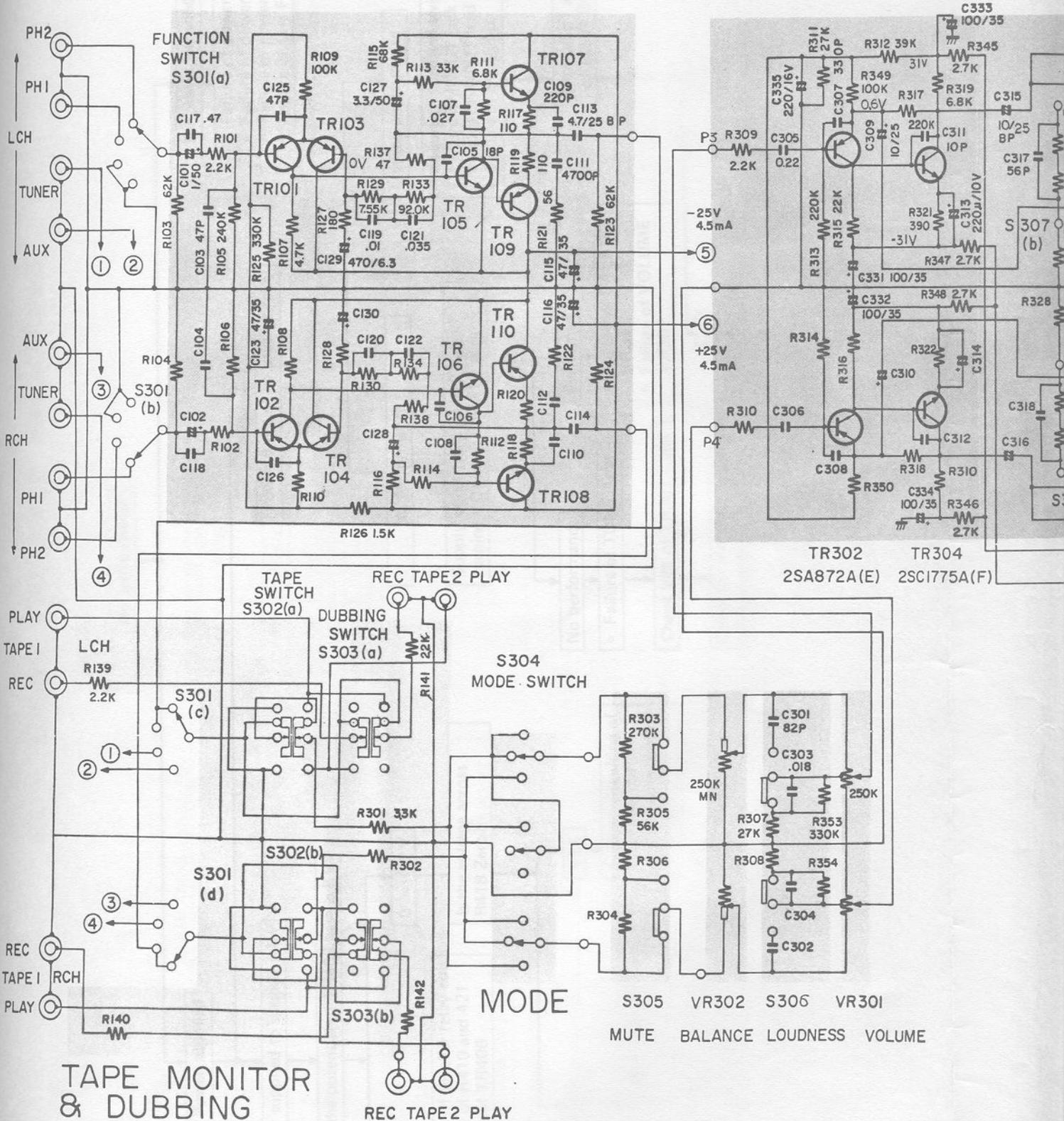
# AUA-8000E SCHEMATIC DIAGRAM

## EQUALIZER AMP.

2SA726F 2SC1919G 2SA726G

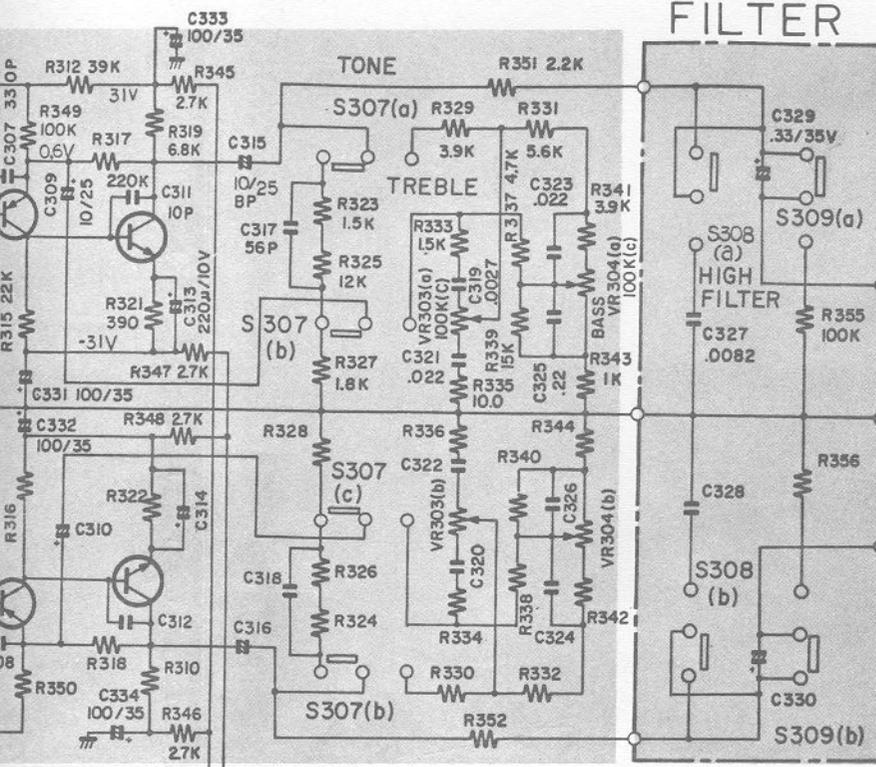
## TONE AMP. & CONTROL

TR301 TR303  
2SA872A(E) 2SC1775(F)

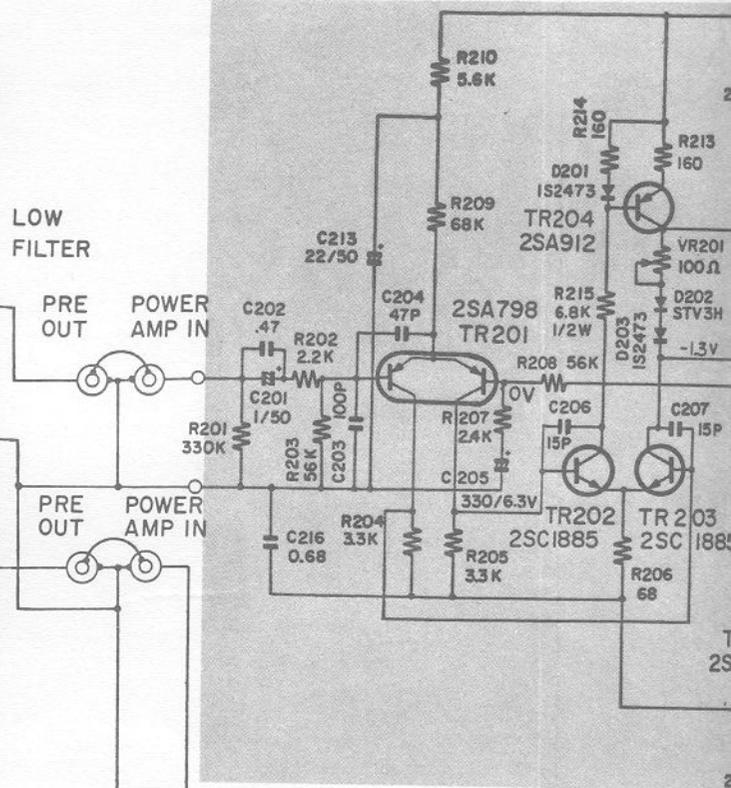


# TONE AMP. & CONTROL

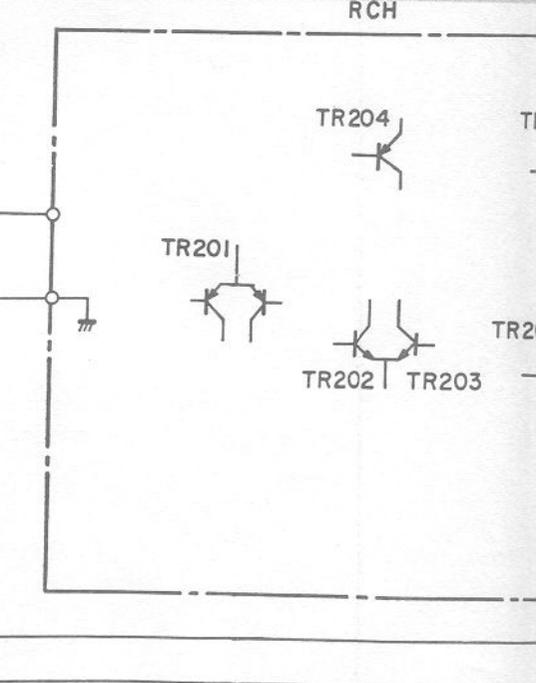
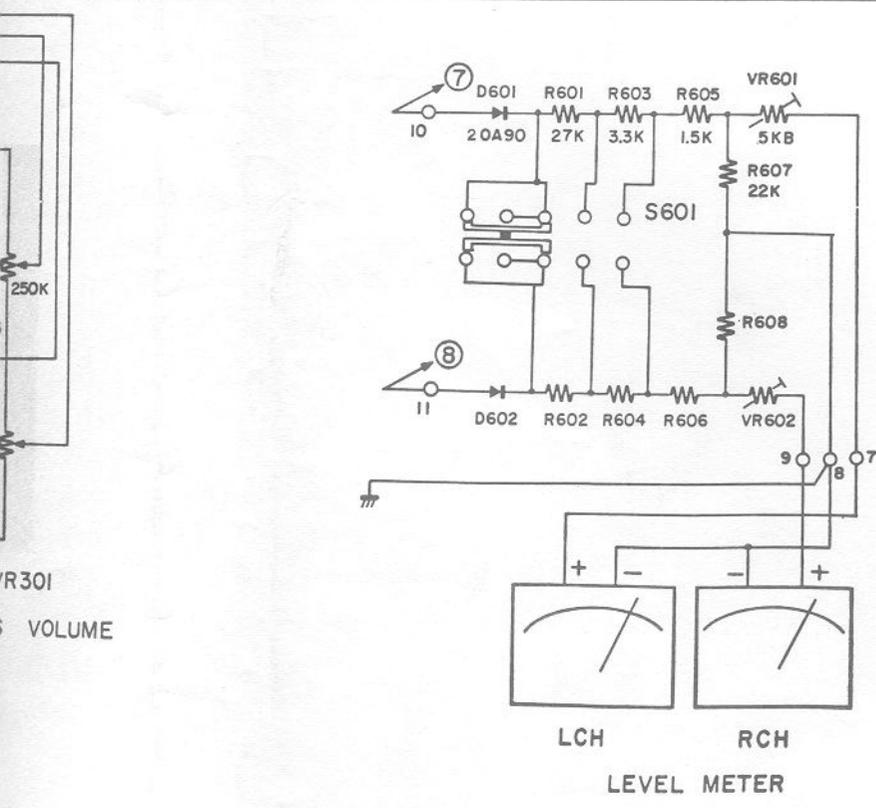
TR303  
2A(E) 2SC1775(F)



# POWER

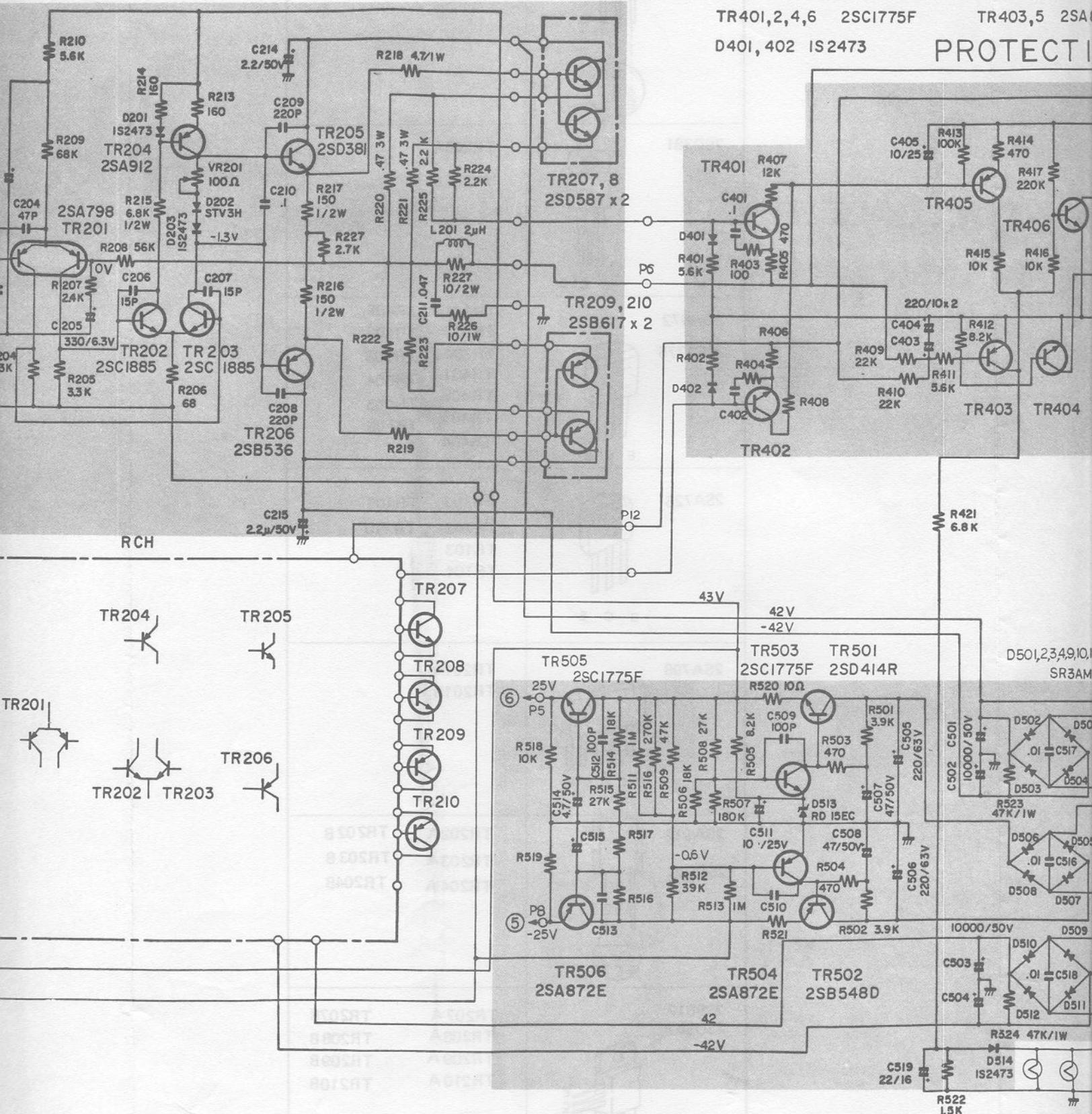


TR304  
2A(E) 2SC1775A(F)



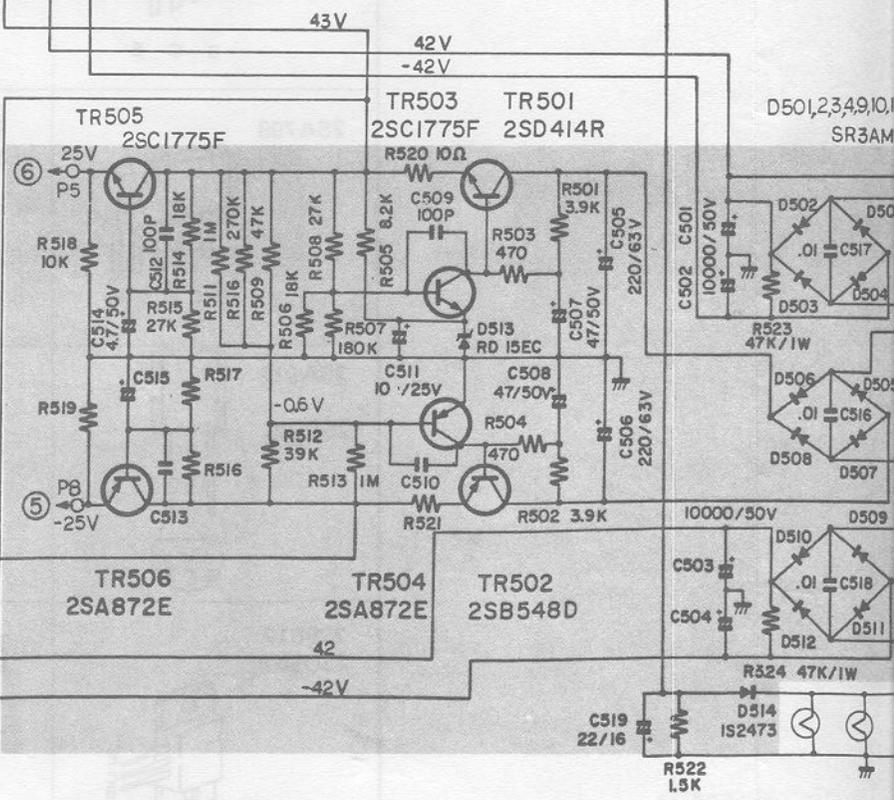
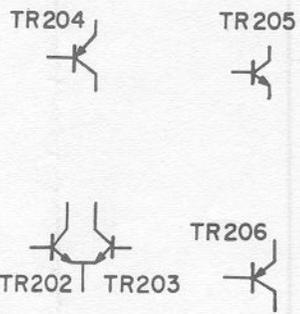
TR301  
VOLUME

# POWER AMP.



TR401,2,4,6 2SC1775F TR403,5 2SA  
 D401,402 IS2473 PROTECT I

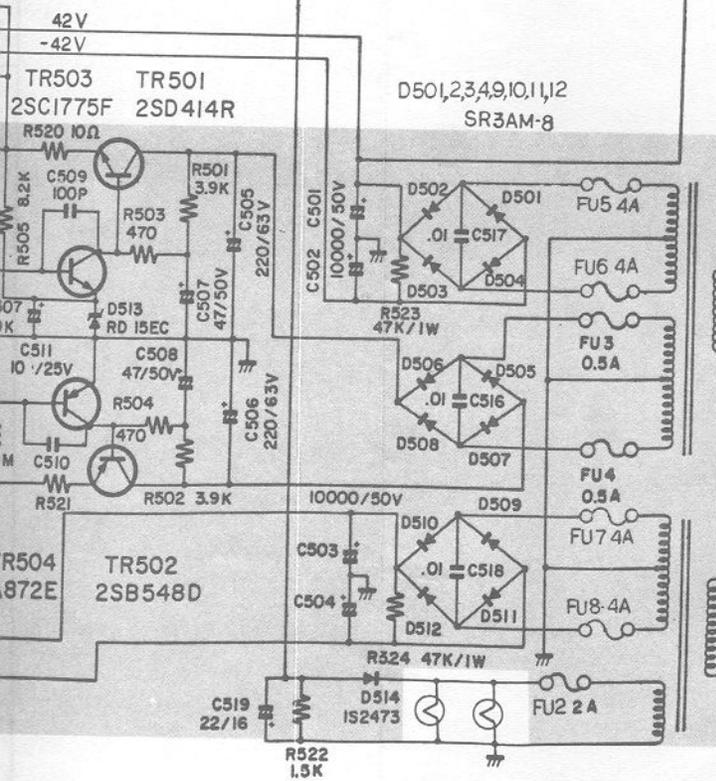
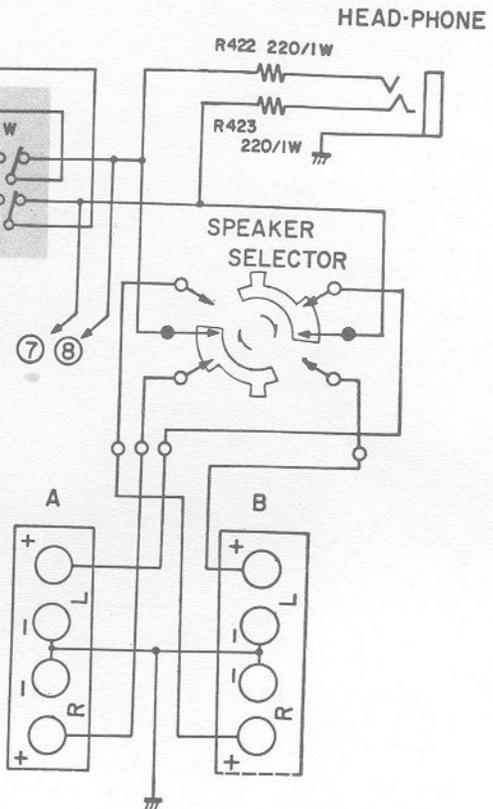
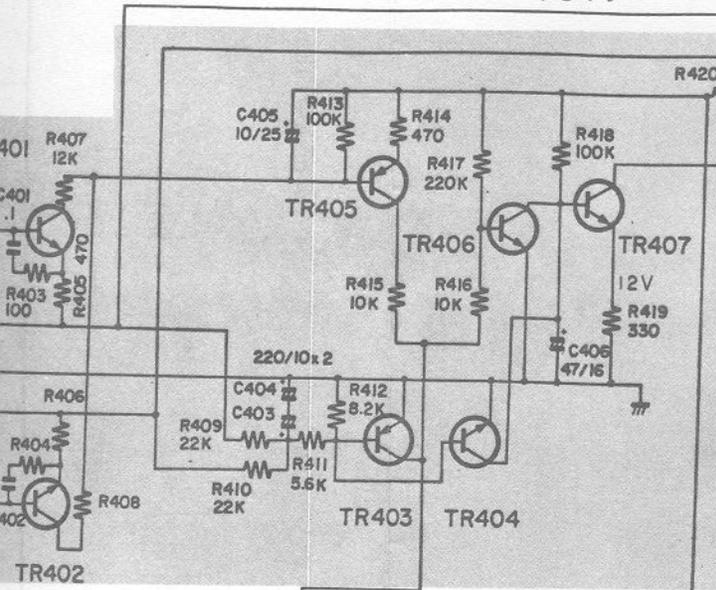
RCH



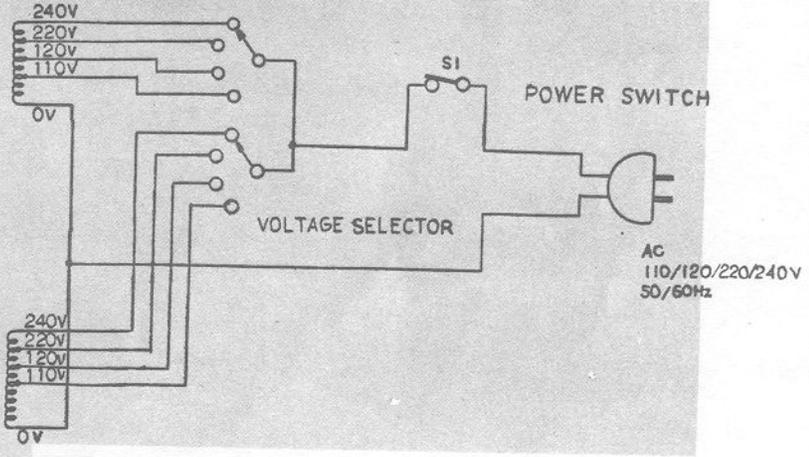
TR401,2,4,6 2SC1775F TR403,5 2SA872E TR407 2SD438E

C401,402 IS2473

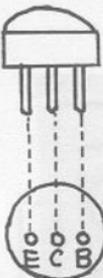
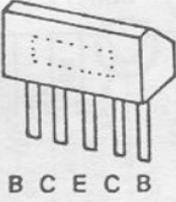
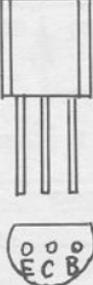
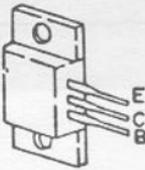
# PROTECTION



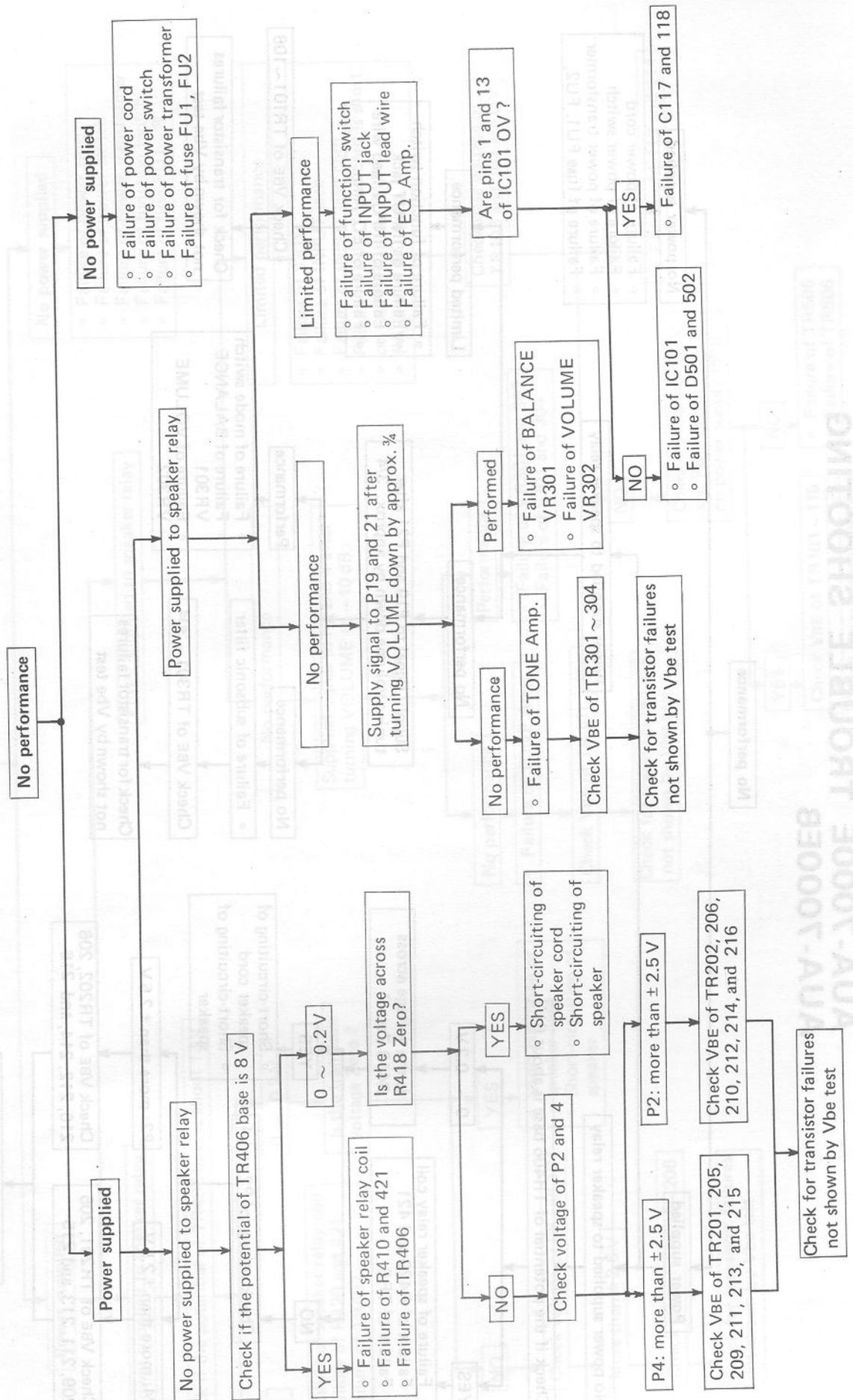
# POWER SUPPLY



# Transistor & IC Lead Identification

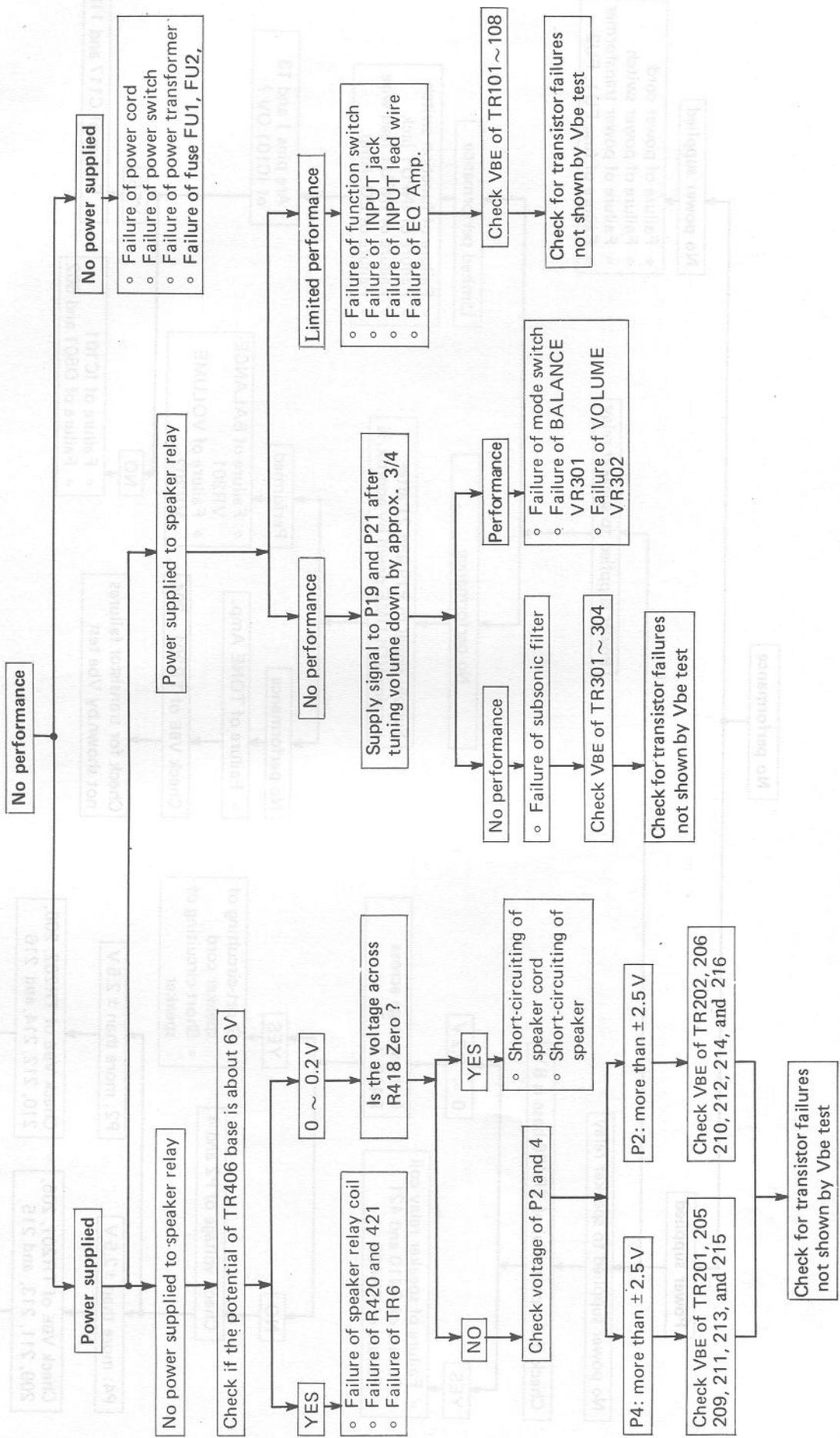
<p>2SC536</p> 	<p>TR206A TR206B</p>
<p>2SD381</p> 	<p>TR205A TR205B</p>
<p>2SA872      2SD438 2SC1775</p> 	<p>TR301    TR405 TR303    TR406 TR304    TR503 TR401    TR504 TR402    TR505 TR403    TR506 TR404</p>
<p>2SA726</p> 	<p>TR101    TR109 TR102    TR110 TR103 TR104</p>
<p>2SA798</p> 	<p>TR201A TR201B</p>
<p>2SA912 2SC885</p> 	<p>TR202A    TR202B TR203A    TR203B TR204A    TR204B</p>
<p>2SB617 2SD587</p> 	<p>TR207A    TR207B TR208A    TR208B TR209A    TR209B TR210A    TR210B</p>

# AUA-6000E TROUBLE SHOOTING



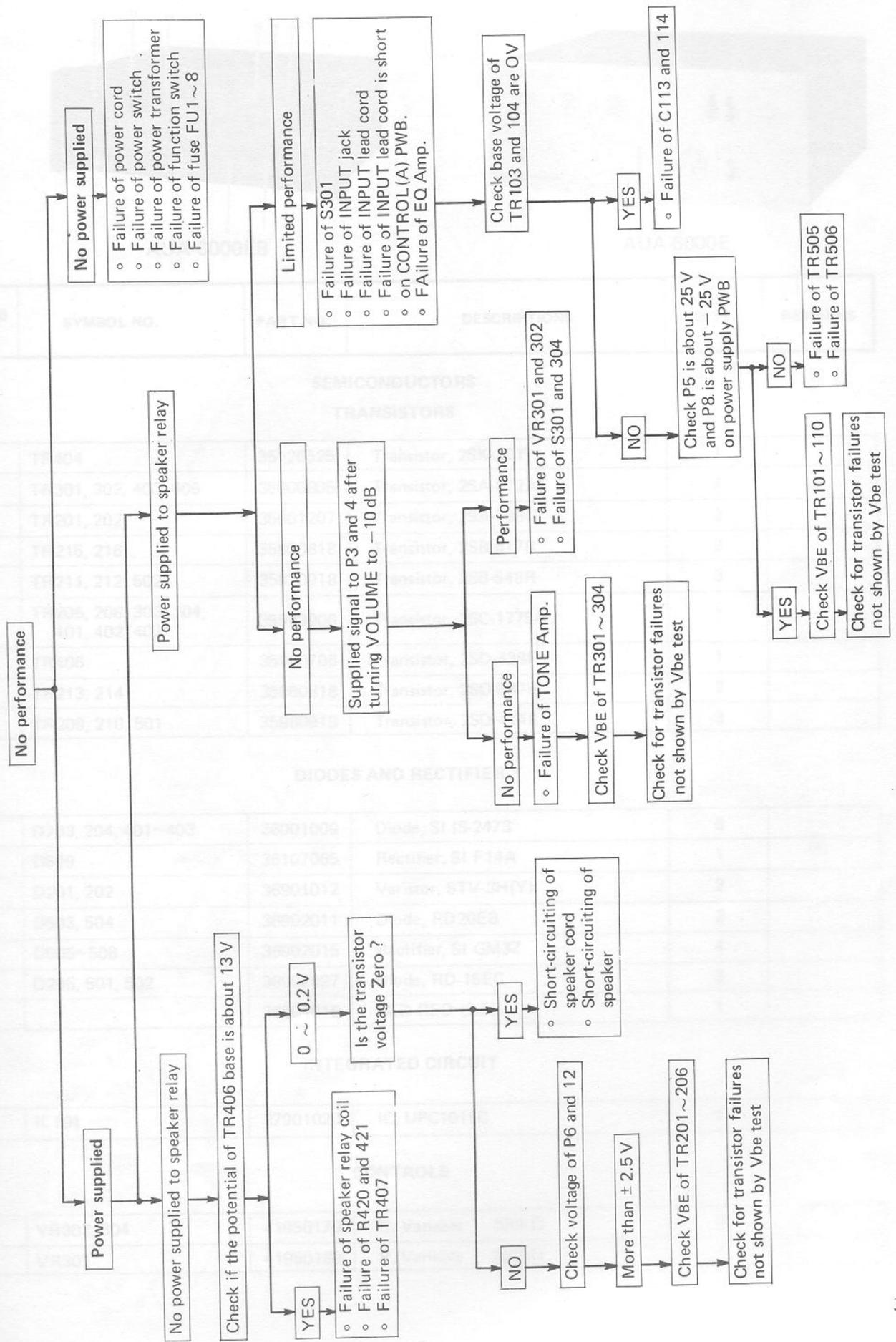
# AUA-7000E TROUBLE SHOOTING

## AUA-7000EB

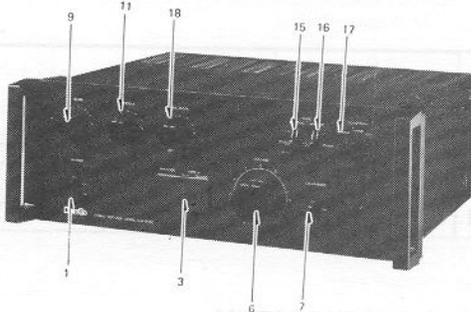


# AUA-8000E TROUBLE SHOOTING

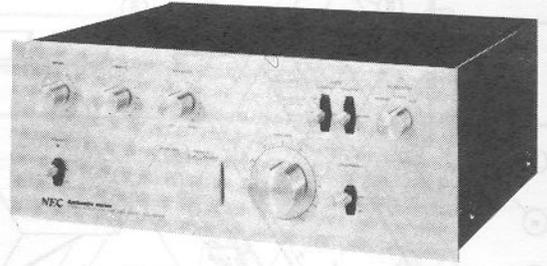
REPLACEMENT PARTS LIST



# REPLACEMENT PARTS LIST



AUA-6000EB



AUA-6000E

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
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## SEMICONDUCTORS

### TRANSISTORS

	TR404	35120525	Transistor, 2SK-30Y	1	
	TR301, 302, 403, 405	35900805	Transistor, 2SA-872AE	4	
	TR201, 202	35901207	Transistor, 2SA-798G	2	
	TR215, 216	35920818	Transistor, 2SB-617R	2	
	TR211, 212, 502	35920918	Transistor, 2SB-548R	3	
	TR205, 206, 303, 304, 401, 402, 407	35943906	Transistor, 2SC-1775A	7	
	TR406	35960706	Transistor, 2SD-438F	1	
	TR213, 214	35960818	Transistor, 2SD-587R	2	
	TR209, 210, 501	35960918	Transistor, 2SD-414R	3	

### DIODES AND RECTIFIER

	D203, 204, 401~403	36001009	Diode, SI IS-2473	5	
	D509	36107065	Rectifier, SI F14A	1	
	D201, 202	36901012	Varistor, STV-3H(Y)	2	
	D503, 504	36902011	Diode, RD20EB	2	
	D505~508	36902015	Rectifier, SI GM3Z	4	
	D205, 501, 502	36902027	Diode, RD-15EC	3	
		36904015	LED RED (2.5)	1	

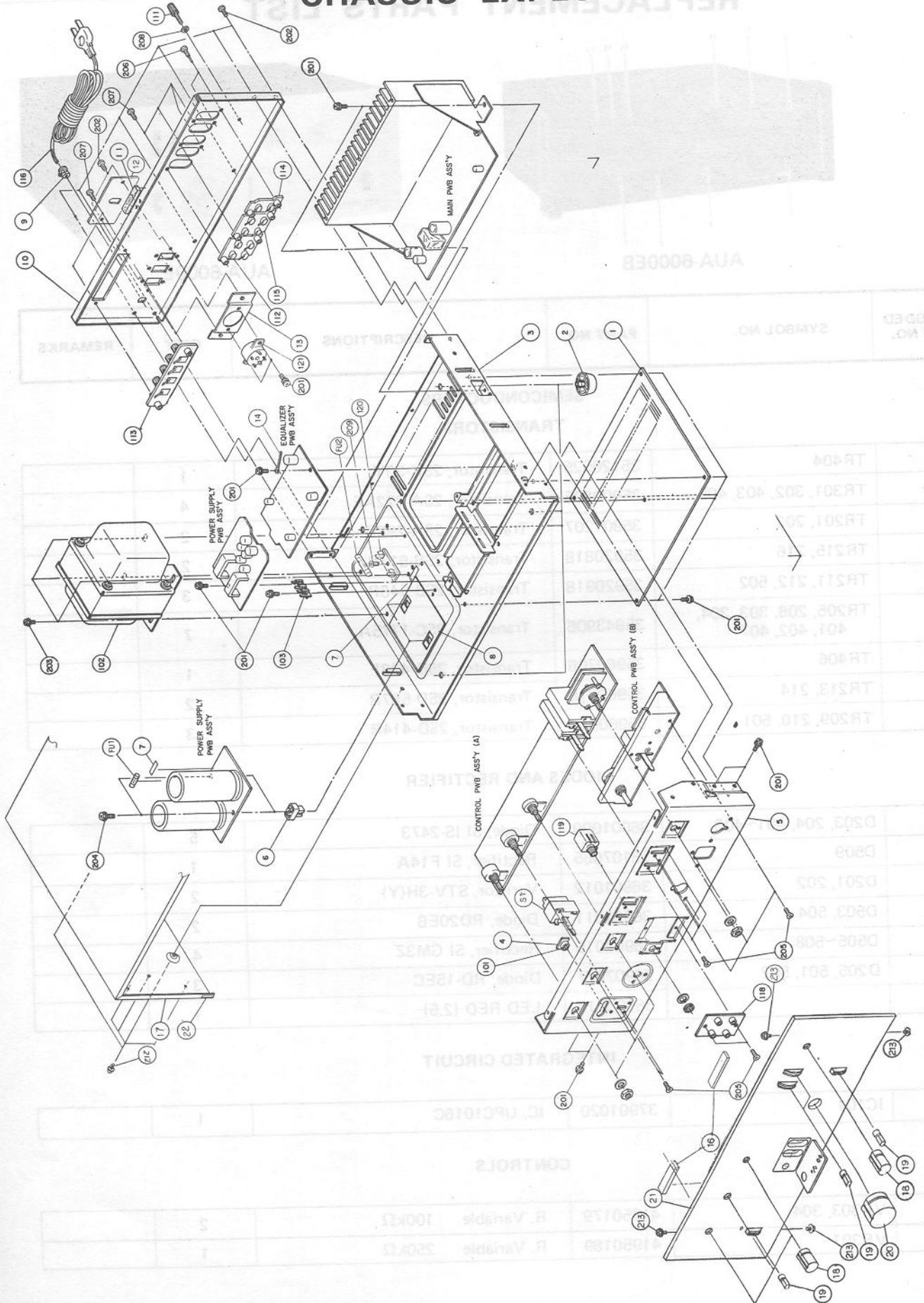
### INTEGRATED CIRCUIT

	IC101	37901020	IC, UPC1016C	1	
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### CONTROLS

	VR303, 304	41950179	R. Variable 100kΩ	2	
	VR301	41950189	R. Variable 250kΩ	1	

# CHASSIS EXPLODED VIEW



EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
	VR302A, 302B	41950190	R. Variable 250k $\Omega$	2	
	VR201, 202	41950191	R. Variable 100 $\Omega$	2	

**MISCELLANEOUS PARTS**

1		18510421	Band	1	
2		18282791	Foot	4	
3		18510562	Chassis Base ass'y	1	
4		19405841	LED Holder S	1	
5		18510431	Sub Chassis	1	
6		24411411	Bushing Chassis bracket	2	
7		18753461	Label, Fuse	2	
8		18602551	Insulation plate	1	
9		11420632	Cord, Clamper	1	
10		18510791	Rear, Panel	1	
11		18602491	Cushion	1	
12		18510761	Plate, Hole filler	1	
13		18510841	Bracket, Switch	1	
14		19516371	Spring, Lug B ass'y	1	
16		18602122	Cushion	2	
17		18354361	Cabinet	1	
	AUA-6000E	AUA-6000EB			
18	18454221	18453751	Knob, Rotary	4	
19	18454241	18453791	Knob, Lever	4	
20	18454261	18454061	Knob, Volume	1	
21	88174631	88193631	Front, Panel sub ass'y	1	
22		18600741	Cushion	2	
101		36904015	LED Red 9(2.5)	1	
102		45027072	Power transformer	1	
103		71905029	Earth Terminal	1	
104		87126101	Main PWB ass'y	1	
105		87174201	Power Supply (A) PWB ass'y	1	
106		87126301	Control (A) PWB ass'y	1	
107		87126401	Control (B) PWB ass'y	1	
108		87126501	Equalizer PWB ass'y	1	
111		71905066	Earth Terminal	1	
112		71905068	Terminal 4P	1	
113		71905070	Terminal 4P	1	
114		71905071	Pin Jack 2P	1	
115		71905073	Terminal 4P	1	
116		79759093	Power Cord SEMCO	1	
118		71905030	Jack Plate 4P	1	
119		70905047	Headphone Jack	1	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
120		71903029	Fuse, Holder 1P	1	
121		65901039	Switch, Voltage selector	1	
201		24851541	Special screw FT x 3 x 6 x 15BF	16	
202		18852251	Special screw	8	
203		18852691	Special PT x 4 x 8 x 15BF	4	
204		24851721	Special FT x 4 x 14 x 15BF	2	
205		91053032	Special CFMIS x 3 x 6 x 15CF	15	
206		18852741	Special screw	2	
207		18852811	Special screw	6	
208		24852621	Special washer	1	
209		91283051	Special screw #2CPTS x 3 x 8 x 15BF	1	
212		18852671	Special screw	10	
213		18852751	Special WM3 x 8 x 15KF	4	

#### ACCESSORIES AND PACKING MATERIALS

		18802992	Filler-Carton	2	
		18803091	Bag, Protector	1	
		18803381	Carton Box	1	
		78910641	Instruction Book	1	
		78971051	Label, Schematic Diagram	1	
		23750891	Label, Serial Number	1	

#### RESISTORS

R121	40102147	R. Carbon 82 $\Omega$ 5% 1/4W	1	
R233, 234, 337, 338	40102149	R. Carbon 100 $\Omega$ 5% 1/4W	4	
R321, 322	40102155	R. Carbon 180 $\Omega$ 5% 1/4W	2	
R317	40102163	R. Carbon 390 $\Omega$ 5% 1/4W	1	
R117	40102165	R. Carbon 470 $\Omega$ 5% 1/4W	1	
R329, 330	40102173	R. Carbon 1k $\Omega$ 5% 1/4W	2	
R335, 336	40102177	R. Carbon 1.5k $\Omega$ 5% 1/4W	2	
R201, 202, 345, 353, 355	40102181	R. Carbon 2.2k $\Omega$ 5% 1/4W	5	
R205~210	40102183	R. Carbon 2.7k $\Omega$ 5% 1/4W	6	
R323, 324, 327, 328	40102187	R. Carbon 3.9k $\Omega$ 5% 1/4W	4	
R215, 216, 236, 301, 302, 333, 334	40102189	R. Carbon 4.7k $\Omega$ 5% 1/4W	7	
R217, 218, 325, 326	40102191	R. Carbon 5.6k $\Omega$ 5% 1/4W	4	
R319	40102193	R. Carbon 6.8k $\Omega$ 5% 1/4W	1	
R331, 332	40102201	R. Carbon 15k $\Omega$ 5% 1/4W	2	
R211, 212	40102203	R. Carbon 18k $\Omega$ 5% 1/4W	2	
R303, 304	40102205	R. Carbon 22k $\Omega$ 5% 1/4W	2	
R213, 214	40102213	R. Carbon 47k $\Omega$ 5% 1/4W	2	
R203, 204	40102215	R. Carbon 56k $\Omega$ 5% 1/4W	2	
R119	40102221	R. Carbon 100k $\Omega$ 5% 1/4W	1	
R349, 350	40102233	R. Carbon 330k $\Omega$ 5% 1/4W	2	

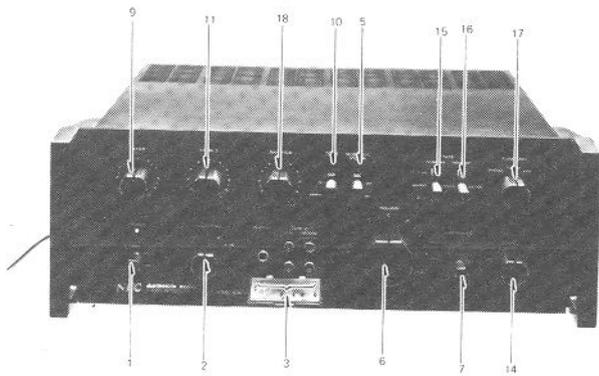
EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
	R421	40112135	R. Carbon 27Ω 5% ¼W	1	
	R122	40112147	R. Carbon 82Ω 5% ¼W	1	
	R405, 406	40112149	R. Carbon 100Ω 5% ¼W	2	
	R318	40112163	R. Carbon 390Ω 5% ¼W	1	
	R118, 407, 408, 412	40112165	R. Carbon 470Ω 5% ¼W	4	
	R503, 504	40112167	R. Carbon 560Ω 5% ¼W	2	
	R109, 110	40112170	R. Carbon 750Ω 5% ¼W	2	

	R107, 108, 501, 502	40112173	R. Carbon 1kΩ 5% ¼W	4	
	R505	40112177	R. Carbon 1.5kΩ 5% ¼W	1	
	R103, 104, 305, 306, 346, 354, 401, 402	40112181	R. Carbon 2.2kΩ 5% ¼W	9	
	R417	40112191	R. Carbon 5.6kΩ 5% ¼W	1	
	R320	40112193	R. Carbon 6.8kΩ 5% ¼W	1	
	R418, 507	40112195	R. Carbon 8.2kΩ 5% ¼W	2	
	R403, 404, 508	40112197	R. Carbon 10kΩ 5% ¼W	3	
	R409, 410	40112199	R. Carbon 12kΩ 5% ¼W	2	
	R313	40112201	R. Carbon 15kΩ 5% ¼W	1	
	R309, 310, 415, 416	40112205	R. Carbon 22kΩ 5% ¼W	4	
	R314	40112207	R. Carbon 27kΩ 5% ¼W	1	
	R113, 114	40112209	R. Carbon 33kΩ 5% ¼W	2	
	R413	40112213	R. Carbon 47kΩ 5% ¼W	1	
	R101, 102	40112215	R. Carbon 56kΩ 5% ¼W	2	
	R414	40112219	R. Carbon 82kΩ 5% ¼W	1	
	R120, 311, 312, 411	40112221	R. Carbon 100kΩ 5% ¼W	4	
	R307, 308, 315, 316, 419	40112229	R. Carbon 220kΩ 5% ¼W	5	
	R105, 106, 111, 112	40112235	R. Carbon 390kΩ 5% ¼W	4	
	R223, 224, 225, 226	40121153	R. Carbon 150Ω 5% ½W	4	
	R509, 510	40121679	R. Carbon 1.8kΩ 5% ½W	2	
	R232	40341125	R. Metal 10Ω 5% 1W	1	
	R235	40341141	R. Metal 47Ω 5% 1W	1	
	R506	40341185	R. Metal 3.3kΩ 5% 1W	1	
	R231	40341625	R. Metal 10Ω 5% 1W	1	
	R420	40341653	R. Metal 15Ω 5% 1W	1	
	R1, 2	40341657	R. Metal 22Ω 5% 1W	2	
	R227~230	40970001	R. Metal Oxidfilm 0.47Ω 2W	4	

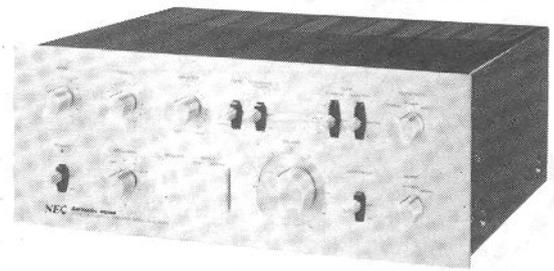
#### CAPACITORS

	C507	42011025	C. Ceramic 500V 0.01μF	1	
	C217, 218	42110433	C. Ceramic 50V 0.047μF	2	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
	C215, 216, 221, 222, 401, 402	42110437	C. Ceramic 50V 0.1 $\mu$ F	6	
	C3, 4	42110933	C. Ceramic 50V 0.047 $\mu$ F	2	
	C219, 220	4230205	C. Ceramic 50V 220pF	2	
	C119, 120	42130207	C. Ceramic 50V 330pF	2	
	C307, 308	42130209	C. Ceramic 50V 470pF	2	
	C313, 314	42332015	C. Ceramic 50V 10pF	2	
	C207, 208	42332031	C. Ceramic 50V 27pF	2	
	C121, 122	42332033	C. Ceramic 50V 33pF	2	
	C103, 104	42332045	C. Ceramic 50V 100pF	2	
	C319, 320, 325, 326	42799031	C. Film 50V 0.022 $\mu$ F	4	
	C201, 202	42970011	C. Poly 50V 270pF 5%	2	
	C111, 112	42870034	C. Poly 50V 510pF 5%	2	
	C301, 302	42970130	C. Poly 50V 130pF 5%	2	
	C323, 324	42974001	C. Poly 50V 2700pF 5%	2	
	C321, 322	42974002	C. Poly 50V 2.2 $\mu$ F 5%	2	
	C303, 304	42974003	C. Poly 50V 0.33 $\mu$ F 5%	2	
	C107, 108	42974005	C. Film 50V 3300pF	2	
	C109, 110	42974006	C. Film 50V 4700pF	2	
	C113, 114	42974007	C. Film 50V 1800pF	2	
	C405	43311014	C. Elec. 16V 100 $\mu$ F	1	
	C505, 506	43970041	C. Elec. 50V 0.68 $\mu$ F	2	
	C305, 306	43980049	C. Elec. 50V 0.22 $\mu$ F	2	
	C101, 102	43980055	C. Elec. 35V 2.2 $\mu$ F	2	
	C203, 204	43980057	C. Elec. 50V 4.7 $\mu$ F	2	
	C315, 316	43982043	C. Elec. 25V 10 $\mu$ F	2	
	C117, 118	43982067	C. Elec. 50V 2.2 $\mu$ F	2	
	C209, 210	43991004	C. Elec. 6.3V 100 $\mu$ F	2	
	C205, 206	43991015	C. Elec. 10V 47 $\mu$ F	2	
	C404	43991016	C. Elec. 10V 100 $\mu$ F	1	
	C311, 312, 407	43991017	C. Elec. 10V 220 $\mu$ F	3	
	C309, 310, 508	43991028	C. Elec. 16V 10 $\mu$ F	3	
	C212, 329	43991031	C. Elec. 16V 47 $\mu$ F	2	
	C123, 124	43991033	C. Elec. 16V 220 $\mu$ F	2	
	C403	43991043	C. Elec. 16V 10 $\mu$ F	1	
	C503, 504	43991044	C. Elec. 25V 22 $\mu$ F	2	
	C105, 106, 330, 331, 501, 502	43991046	C. Elec. 25V 47 $\mu$ F	6	
	C510, 511	43991057	C. Elec. 35V 22 $\mu$ F	2	
	C509	43991070	C. Elec. 50V 10 $\mu$ F	1	
	C213, 214	43991073	C. Elec. 50V 47 $\mu$ F	2	
	C211	43991075	C. Elec. 50V 220 $\mu$ F	1	



**AUA-7000EB**



**AUA-7000E**

EXPLODED VIEW NO.	SYMBOL NO.	PART NO..	DESCRIPTION	Q'TY	REMARKS
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**SEMICONDUCTORS**

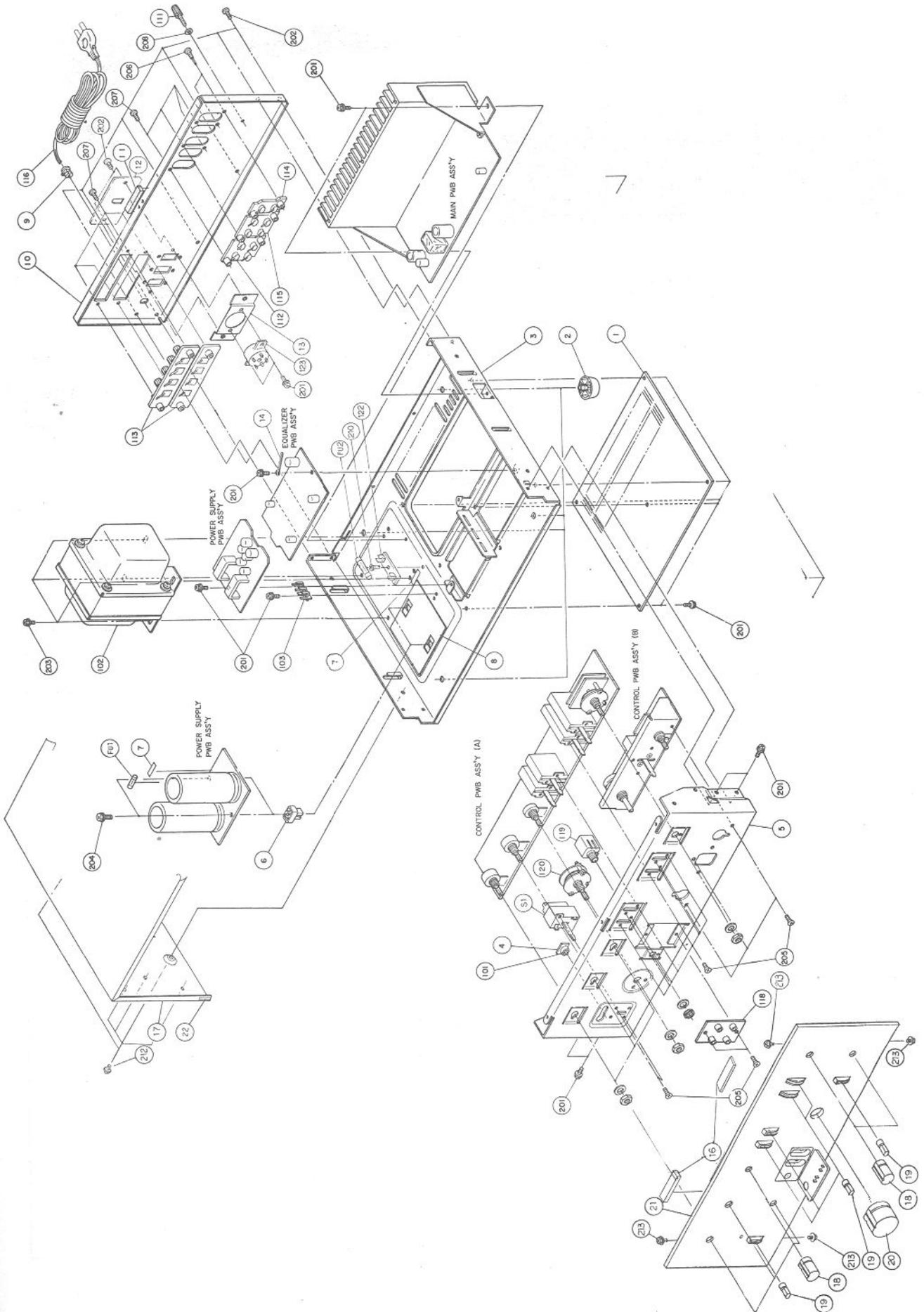
**TRANSISTORS**

	TR404	35120525	Transistor, 2SK-30Y	1	
	TR301, 302, 403, 405	35900805	Transistor, 2SA-872A	4	
	TR101~104, 107, 108	35901106	Transistor, 2SA-726F	6	
	TR201, 202	35901207	Transistor, 2SA-798G	2	
	TR502	35920918	Transistor, 2SB-548R	1	
	TR211, 212	35921018	Transistor, 2SB-549R	2	
	TR215, 216	35921118	Transistor, 2SB-618R	2	
	TR303, 304, 401, 402, 407	35943906	Transistor, 2SC-1775A	5	
	TR205, 206	35944012	Transistor, 2SC-1940L	2	
	TR105, 106	35945807	Transistor, 2SC-1313G	2	
	TR406	35960706	Transistor, 2SD-438F	1	
	TR501	35960918	Transistor, 2SD-414R	1	
	TR209, 210	35961218	Transistor, 2SD-415R	2	
	TR213, 214	35961318	Transistor, 2SD-588R	2	

**DIODES AND RECTIFIER**

	D203, 204, 401~403	36001009	Diode, SI IS-2473	5	
	D509	36107065	Rectifier, SI F14A	1	
	D201, 202	36901012	Varistor, STV-3H	2	
	D205	36902027	Diode, RD-15EC	1	
	D505	36902031	Diode, SS-3	1	
	D507	36902032	Diode, SS-3R	1	
	D503, 504	36902033	Diode Zener, RD-24EB	2	
101		36904015	LED RED (2.5)	1	

# CHASSIS EXPLODED VIEW



EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
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**CONTROLS**

	VR303, 304	41950179	R. Variable 100k $\Omega$	2	
	VR301	41950189	R. Variable 250k $\Omega$	1	
	VR302,	41950190	R. Variable 250k $\Omega$	2	
	VR201, 202	41950191	R. Variable 100 $\Omega$	2	

**MISCELLANEOUS PARTS**

1		18510421	Band	1	
2		18282791	Foot	4	
3		18510562	Chassis Base ass'y	1	
4		19405841	LED Holder S	1	
5		18510431	Sub Chassis	1	
6		24411411	Bushing, Chassis bracket	2	
7		18753691	Label, Fuse	2	
8		18602551	Insulation plate	1	
9		24280261	Cord, Clamper	1	
10		18510781	Rear, Panel	1	
11		18602492	Cushion	1	
12		18510761	Plate	1	
13		18510841	Bracket, Switch	1	
14		19516371	Spring, Lug ass'y (B)	1	
16		18602122	Cushion	2	
17		18354361	Cabinet	1	
	AUA-7000E	AUA-7000EB			
18	18454221	18453751	Knob, Rotary	6	
19	18454241	18453791	Knob, Lever	6	
20	18454261	18454061	Knob, Volume	1	
21	88173631	88192631	Front, Panel Sub ass'y	1	
22		18600741	Washer	2	
101		36904015	LED Red (2. 5)	1	
102		45027071	Power transformer	1	
103		71905029	Earth Terminal	1	
104		87125101	Main PWB ass'y	1	
105		87173201	Power Supply (A) PWB ass'y	1	
106		87125301	Control (A) PWB ass'y	1	
107		87125401	Control (B) PWB ass'y	1	
108		87125601	Equalizer PWB ass'y	1	
111		71905066	Earth Terminal	1	
112		71905068	Terminal plate 4P	1	
113		71905070	Terminal 4P	1	
114		71905071	Pin Jack 2P	1	
115		71905073	Terminal plate 4P	1	
116		79759093	Power Cord SEMCO	1	
118		71905030	Jack plate 4P	1	
119		70507003	Earphone Jack	1	
120		65901035	Switch, Rotary 2-4N	1	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
122		71903029	Fuse, Holder 1P	1	
123		65901039	Switch, Voltage Selector	1	
201		24851541	Special screw FT x 3 x 6 x 15BF	16	
202		18852251	Special screw	8	
203		18852691	Special PT x 4 x 8 x 15BF	4	
204		24851721	Special FT x 4 x 14 x 15BF	2	
205		91053032	Special CFIMS x 3 x 6 x 15CF	15	
206		18852741	Special screw	2	
207		18852811	Special screw	2	
208		24852621	Special Washer	1	
210		91283051	Special 2CPTS x 3 x 8 x 15BF	1	
212		18852671	Special screw	10	
213		18852751	Special WM3 x 8 x 15KF	4	
		18510461	Heat Sink	1	
		18602201	Filter (S)	4	
		18602211	Filter (L)	2	
		18706521	Ornament, Jack plate	1	
		18706531	Ornament, Knob	1	

#### ACCESSORIES AND PACKING MATERIALS

		78971041	Label, Schematic Diagram	1	
		11480931	Bag, Polyethylene	1	
		18753101	Label	1	
		18802992	Filler-Carton	2	
		18803091	Bag Protector	1	
		18803371	Carton Box	1	
		78910631	Instruction Book	1	

#### RESISTORS

	R233, 234, 337, 338	40102149	R. Carbon 100 $\Omega$ 5% $\frac{1}{4}$ W	4	
	R321, 322	40102155	R. Carbon 180 $\Omega$ 5% $\frac{1}{4}$ W	2	
	R317	40102163	R. Carbon 390 $\Omega$ 5% $\frac{1}{4}$ W	1	
	R329, 330	40102173	R. Carbon 1k $\Omega$ 5% $\frac{1}{4}$ W	2	
	R335, 336	40102177	R. Carbon 1.5k $\Omega$ 5% $\frac{1}{4}$ W	2	
	R129, 130	40102178	R. Carbon 1.6k $\Omega$ 5% $\frac{1}{4}$ W	2	
	R201, 202, 345, 353, 355	40102181	R. Carbon 2.2k $\Omega$ 5% $\frac{1}{4}$ W	5	
	R205~210	40102183	R. Carbon 2.7k $\Omega$ 5% $\frac{1}{4}$ W	6	
	R323, 324, 327, 328	40102187	R. Carbon 3.9k $\Omega$ 5% $\frac{1}{4}$ W	4	
	R215, 216, 301, 302, 333, 334	40102189	R. Carbon 4.7k $\Omega$ 5% $\frac{1}{4}$ W	6	
	R217, 218, 236, 325, 326, 351, 352	40102191	R. Carbon 5.6k $\Omega$ 5% $\frac{1}{4}$ W	7	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
	R319	40102193	R. Carbon 6.8kΩ 5% ¼W	1	
	R331, 332	40102201	R. Carbon 15kΩ 5% ¼W	2	
	R211, 212	40102203	R. Carbon 18kΩ 5% ¼W	2	
	R303, 304	40102205	R. Carbon 22kΩ 5% ¼W	2	
	R213, 214	40102213	R. Carbon 47kΩ 5% ¼W	2	
	R203, 204	40102215	R. Carbon 56kΩ 5% ¼W	2	
	R349, 350	40102233	R. Carbon 330kΩ 5% ¼W	2	
	R125, 126	40102745	R. Carbon 1MΩ 5% ¼W	2	
	R501	40112143	R. Carbon 56Ω 5% ¼W	1	
	R405, 406	40112149	R. Carbon 100Ω 5% ¼W	2	
	R123, 124	40112160	R. Carbon 300Ω 5% ¼W	2	
	R502	40112161	R. Carbon 330Ω 5% ¼W	1	
	R318	40112163	R. Carbon 390Ω 5% ¼W	1	
	R407, 408, 412	40112165	R. Carbon 470Ω 5% ¼W	3	
	R127, 128	40112168	R. Carbon 620Ω 5% ¼W	2	
	R133, 134	40112175	R. Carbon 1.2kΩ 5% ¼W	2	
	R339, 340, 503~505	40112177	R. Carbon 1.5kΩ 5% ¼W	5	
	R343, 344	40112179	R. Carbon 1.8kΩ 5% ¼W	2	
	R103, 104, 305, 306, 346, 354, 356, 401, 402	40112181	R. Carbon 2.2kΩ 5% ¼W	9	
	R509, 510	40112183	R. Carbon 2.7kΩ 5% ¼W	2	
	R121, 122	40112186	R. Carbon 3.6kΩ 5% ¼W	2	
	R417	40112191	R. Carbon 5.6kΩ 5% ¼W	1	
	R107, 108	40112192	R. Carbon 6.2kΩ 5% ¼W	2	
	R320	40112193	R. Carbon 6.8kΩ 5% ¼W	1	
	R418, 507	40112195	R. Carbon 8.2kΩ 5% ¼W	2	
	R403, 404	40112197	R. Carbon 10kΩ 5% ¼W	2	
	R341, 342, 409, 410, 508	40112199	R. Carbon 12kΩ 5% ¼W	5	
	R119, 120	40112200	R. Carbon 15kΩ 5% ¼W	2	
	R313	40112201	R. Carbon 15kΩ 5% ¼W	1	
	R309, 310, 415, 416	40112205	R. Carbon 22kΩ 5% ¼W	4	
	R314	40112207	R. Carbon 27kΩ 5% ¼W	1	
	R413	40112213	R. Carbon 47kΩ 5% ¼W	1	
	R117, 118	40112216	R. Carbon 62kΩ 5% ¼W	2	
	R101, 102, 105, 106, 109, 110, 132, 311, 312, 411, 414	40112221	R. Carbon 100kΩ 5% ¼W	12	
	R307, 308, 315, 316, 419	40112229	R. Carbon 220kΩ 5% ¼W	5	
	R347, 348	40112245	R. Carbon 1MΩ 5% ¼W	2	
	R223~226	40121153	R. Carbon 150Ω 5% ½W	4	
	R232	40341125	R. Metal 10Ω 5% 1W	1	
	R235	40341141	R. Metal 47Ω 5% 1W	1	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
	R506	40341185	R. Metal 3.3k $\Omega$ 5% 1W	1	
	R231	40341625	R. Metal 10 $\Omega$ 5% 1W	1	
	R420, 421	40341653	R. Metal 150 $\Omega$ 5% 1W	2	
	R1, 2	40341657	R. Metal 220 $\Omega$ 5% 1W	2	
	R113, 114	40930017	R. Metal 910k $\Omega$ 5% ¼W	2	
	R115, 116	40930018	R. Metal 75k $\Omega$ 5% ¼W	2	
	R111, 112	40930019	R. Metal 1.54k $\Omega$ 5% ¼W	2	
	R227, 228, 229, 230	40970001	R. Metal Oxidfilm 0.47 $\Omega$ 2W	4	

### CAPACITORS

	C507	42011025	C. Ceramic 500V 0.01 $\mu$ F	1	
	C217, 218	42110433	C. Ceramic 50V 0.047 $\mu$ F	2	
	C215, 216, 221, 222, 401, 402	42110437	C. Ceramic 50V 0.1 $\mu$ F	6	
	C3, 4	42110933	C. Ceramic 50V 0.047 $\mu$ F	2	
	C123, 214, 219, 220	42130205	C. Ceramic 50V 220pF	4	
	C307, 308	42130209	C. Ceramic 50V 470pF	2	
	C117, 118	42332014	C. Ceramic 50V 9pF	2	
	C313, 314	42332015	C. Ceramic 50V 10pF	2	
	C115, 116	42332025	C. Ceramic 50V 15pF	2	
	C207, 208	42332031	C. Ceramic 50V 27pF	2	
	C327, 328	42332039	C. Ceramic 50V 56pF	2	
	C103, 104	42332055	C. Ceramic 50V 82pF	2	
	C105, 106	42332057	C. Ceramic 50V 100pF	2	
	C319, 320, 325, 326	42799031	C. Ceramic 50V 0.022 $\mu$ F	4	
	C201, 202	42970011	C. Poly 50V 270pF 5%	2	
	C301, 302	42970130	C. Poly 50V 130pF 5%	2	
	C113, 114	42970131	C. Poly 50V 150pF 5%	2	
	C323, 324	42974001	C. Poly 50V 2700pF 5%	2	
	C321, 322	42974002	C. Poly 50V 2.2 $\mu$ F 5%	2	
	C303, 304	42974003	C. Poly 50V 0.33 $\mu$ F 5%	2	
	C333, 334	42974008	C. Film 50V 0.18 $\mu$ F 5%	2	
	C109, 110	42975018	C. Film 50V 3300pF 5%	2	
	C111, 112	42975019	C. Film 50V 1000pF 5%	2	
	C107, 108	43021029	C. Elec. 16V 22 $\mu$ F	2	
	C405	43311014	C. Elec. 16V 100 $\mu$ F	1	
	C505, 506	43970040	C. Elec. 50V 0.01 $\mu$ F	2	
	C305, 306	43980049	C. Elec. 50V 0.22 $\mu$ F	2	
	C101, 102	43980055	C. Elec. 35V 2.2 $\mu$ F	2	
	C203, 204	43980057	C. Elec. 50V 4.7 $\mu$ F	2	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
	C121, 122	43981067	C. Elec. 50V 2.2 $\mu$ F	2	
	C315, 316	43982043	C. Elec. 25V 10 $\mu$ F	2	
	C119, 120, 209, 210	43991004	C. Elec. 6.3V 100 $\mu$ F	4	
	C205, 206	43991015	C. Elec. 10V 47 $\mu$ F	2	
	C404	43991016	C. Elec. 10V 100 $\mu$ F	1	
	C311, 312, 407	43991017	C. Elec. 10V 220 $\mu$ F	3	
	C309, 310, 508	43991028	C. Elec. 16V 10 $\mu$ F	3	
	C212, 329	43991031	C. Elec. 16V 47 $\mu$ F	2	
	C403	43991043	C. Elec. 16V 10 $\mu$ F	1	
	C503, 504	43991044	C. Elec. 25V 22 $\mu$ F	2	
	C125, 330, 331, 501, 502	43991046	C. Elec. 25V 47 $\mu$ F	5	
	C126	43991048	C. Elec. 25V 220 $\mu$ F	1	
	C510, 511	43991057	C. Elec. 35V 22 $\mu$ F	2	
	C509	43991070	C. Elec. 50V 10 $\mu$ F	1	
	C213, 214	43991073	C. Elec. 50V 47 $\mu$ F	2	
	C211	43991075	C. Elec. 50V 220 $\mu$ F	1	

TR101-104

35901106

Transistor, 2SA-735F

4

TR105, 110

35901107

Transistor, 2SA-735G

2

TR201A, 201B

35901207

Transistor, 2SA-735G

2

TR204A, 204B

35901315

Transistor, 2SA-912H

2

TR209A, 209B, 210A, 210B

35902015

Transistor, 2SB-617F

4

TR502

35903015

Transistor, 2SB-545R

1

TR301, 304, 401, 402, 404, 406, 503, 505

35943905

Transistor, 2SC-1775A(F)

8

TR105-108

35944187

Transistor, 2SC-1818Q

4

TR212A, 202B, 203A, 203B

35944315

Transistor, 2SC-1825F

4

TR407

35960705

Transistor, 2SD-436F

1

TR204, 207R, 208A, 208B

35960812

Transistor, 2SD-507F

4

TR401

35960915

Transistor, 2SD-4145

1

DIODES

D201A, 201B, 203A, 203B, 401, 402, 514

35901005

Diode, 2C15-7023

7

D401, 502

35902513

Diode, 2C15-7023

2

D302A, 202B

35901012

Diode, STV-21071

2

D501-504, 505-512

35902005

Diode, 5R14A-B

8

D505-506

35902006

Diode, F-142

4

D513

35902007

Diode, HD-15EC

1



## AUA-8000E

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
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### SEMICONDUCTORS

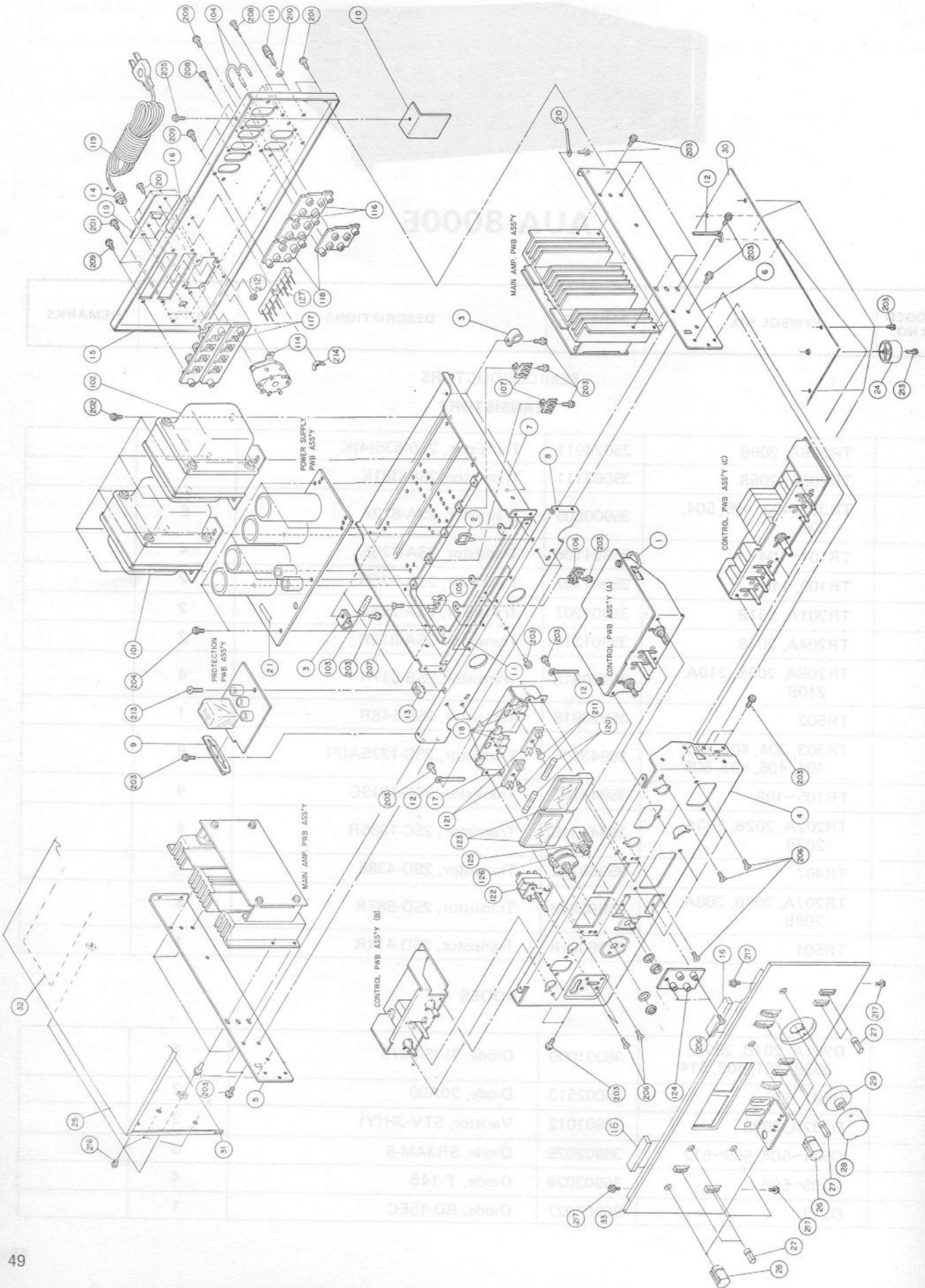
#### TRANSISTORS

	TR206A, 206B	35024911	Transistor, 2SB-536(4)K	2	
	TR205A, 205B	35063111	Transistor, 2SD-381K	2	
	TR301, 403, 405, 504, 506	35900805	Transistor, 2SA-872A	6	
	TR101~104	35901106	Transistor, 2SA-726F	4	
	TR109, 110	35901107	Transistor, 2SA-726G	2	
	TR201A, 201B	35901207	Transistor, 2SA-798G	2	
	TR204A, 204B	35901318	Transistor, 2SA-912R	2	
	TR209A, 209B, 210A, 210B	35920818	Transistor, 2SB-617R	4	
	TR502	35920918	Transistor, 2SB-548R	1	
	TR303, 304, 401, 402, 404, 406, 503, 505	35943906	Transistor, 2SC-1775A(F)	8	
	TR105~108	35944107	Transistor, 2SC-1919G	4	
	TR202A, 202B, 203A, 203B	35944318	Transistor, 2SC-1885R	4	
	TR407	35960705	Transistor, 2SD-438E	1	
	TR207A, 207B, 208A, 208B	35960818	Transistor, 2SD-587R	4	
	TR501	35960918	Transistor, 2SD-414R	1	

#### DIODES

	D201A, 201B, 203A, 203B, 401, 402, 514	36001009	Diode, SI IS-2473	7	
	D601, 602	36002513	Diode, 20A90	2	
	D202A, 202B	36901012	Varistor, STV-3H(Y)	2	
	D501~504, 509~512	36902025	Diode, SR3AM-8	8	
	D505~508	36902026	Diode, F-14B	4	
	D513	36902027	Diode, RD-15EC	1	

# CHASSIS EXPLODED VIEW



EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
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### CONTROLS

	VR303, 304	41950179	R. Variable 100k $\Omega$	2	
	VR302	41950180	R. Variable 250k $\Omega$	1	
	VR201A, 201B	41950181	R. Variable 100 $\Omega$	2	
	VR601, 602	41950188	R. Variable 5k $\Omega$ B	2	

### MISCELLANEOUS PARTS

1		16285231	Band	11	
2		18282711	Wire Clip	1	
3		18282891	Lead Clip	4	
4		18509981	Sub Chassis	1	
5		18509991	Chassis Side L	1	
6		18510001	Chassis Side R	1	
7		18510021	Chassis Base ass'y	1	
8		18510052	Bracket	1	
9		18510121	Bracket, PWB	1	
10		18510572	Shield Cover	1	
11		18753651	Label, Fuse	1	
12		19516371	Spring, Lug ass'y B	3	
13		24411411	Bushing, Chassis bracket	1	
14		24280261	Cord Clamper	1	
15		18510771	Rear, Panel	1	
16		18602122	Cushion	3	
17		18509911	Bracket, Meter	1	
18		18602181	Cushion, Meter	5	
19		18510831	Plate	1	
20		23851131	Lug	2	
21		18753211	Label, Fuse	1	
24		18282701	Foot	4	
25		18354351	Cabinet	1	
26		18453751	Knob, Rotary	5	
27		18453791	Knob, Lever	9	
28		18453861	Knob, Volume	1	
29		18453851	Knob, Volume	1	
30		78509971	Bottom, Cover	1	
31		18600741	Cushion	2	
32		88172631	Front, Panel Sub ass'y	1	
101	PT1	45027069	Power transformer	1	
102	PT2	45027070	Power transformer	1	
103		66671016	Fuse, 4A	4	
104		18282851	Joint Pin	2	
105		71205031	Fuse, Holder 1P	4	
106		71905029	Earth, Terminal	1	
107		71905069	Earth, Terminal 4P	2	
108		87124101	Main Amp PWB ass'y	2	
109		87172201	Power Supply PWB ass'y	1	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
110		87124301	Control (A) PWB ass'y	1	
111		87124401	Control (B) PWB ass'y	1	
112		87124501	Control (C) PWB ass'y	1	
113		87124601	Protect PWB ass'y	1	
114		65901040	Switch, Voltage selector	1	
115		71905066	Earth Terminal	2	
116		71905067	Jack plate 4P	2	
117		17905070	Terminal 4P	2	
118		71905073	Terminal plate 4P	2	
119		79759093	Power Cord SEMCO	1	
120		67900119	Pilot Lamp 8V-300mA	2	
121		71903027	Fuse, Holder 1P	2	
122		65904061	Power switch CSA	1	
123		67950171	Level, Meter	2	
124		71905030	Jack plate 4P	1	
125		70507003	Earphone Jack	1	
126		65901035	Switch, Rotary 2-4N	1	
127		71902043	Terminal 6P	1	
201		18852251	Special screw	12	
202		18852091	Special P.T. 4 x 8 x 15BF	8	
203		24851541	Special F.T. 3 x 6 x 15BF	43	
204		24852441	Speical screw P.T. 3 x 6 x 15BF	1	
205		91013036	Special CPMS x 3 x 6 x 3KF	1	
206		91053032	Special CFIMS x 3 x 6 x 15CF	18	
207		91283051	Special #2CPTS x 3 x 8 x 15BF	4	
208		18852741	Special screw	4	
209		18852811	Special screw	8	
210		24852621	Special, Washer	2	
211		24851801	Push rivet	2	
212		91450302	Special screw AHE x ZN x 3 x 15CF	2	
213		24851721	Special FT x 4 x 14 x 15BF	5	
214		24850701	Nut	1	
215		18852671	Special screw	10	
217		18852751	Special screw WM x 3 x 8 x 15KF	4	

#### ACCESSORIES AND PACKING MATERIALS

		18802992	Filler-Carton	2	
		18803051	Bag, Storage	1	
		18803361	Carton Box	1	
		78910621	Instruction Book	1	
		78971031	Label, Schematic Diagram	1	
		18402241	Cover	1	
		18402251	Ornament	1	
		18509971	Plate Bottom	1	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
		18705662	Ornamental plate	1	
		18705722	Ornament, Knob Board	1	
		18705822	Ornament Jack Plate	1	

### RESISTORS

	R138	40102141	R. Carbon 47 $\Omega$ 5% 1/4W	1	
	R121, 122	40102143	R. Carbon 56 $\Omega$ 5% 1/4W	2	
	R206A, 206B	40102149	R. Carbon 100 $\Omega$ 5% 1/4W	2	
	R118, 119, 120	40102150	R. Carbon 110 $\Omega$ 5% 1/4W	3	
	R213A, 213B, 214A, 214B	40102154	R. Carbon 160 $\Omega$ 5% 1/4W	4	
	R126	40102177	R. Carbon 1.5k $\Omega$ 5% 1/4W	1	
	R139~142, 202A, 202B, 211A, 211B, 224A, 224B, 225A, 225B	40102181	R. Carbon 2.2k $\Omega$ 5% 1/4W	12	
	R207A, 207B	40102182	R. Carbon 2.4k $\Omega$ 5% 1/4W	2	
	R228A, 228B	40102183	R. Carbon 2.7k $\Omega$ 5% 1/4W	2	
	R204A, 204B, 205A, 205B, 301, 302	40102185	R. Carbon 3.3k $\Omega$ 5% 1/4W	6	
	R210A, 210B, 212A, 212B	40102191	R. Carbon 5.6k $\Omega$ 5% 1/4W	4	
	R307, 308	40102207	R. Carbon 27k $\Omega$ 5% 1/4W	2	
	R113, 114	40102209	R. Carbon 33k $\Omega$ 5% 1/4W	2	
	R203A, 203B, 208A, 208B, 305, 306	40102215	R. Carbon 56k $\Omega$ 5% 1/4W	6	
	R103, 104, 123	40102216	R. Carbon 62k $\Omega$ 5% 1/4W	3	
	R209A, 209B	40102217	R. Carbon 68k $\Omega$ 5% 1/4W	2	
	R109, 355, 356	40102221	R. Carbon 100k $\Omega$ 5% 1/4W	3	
	R303, 304	40102231	R. Carbon 270k $\Omega$ 5% 1/4W	2	
	R125, 201A, 201B, 353, 354	40102233	R. Carbon 330k $\Omega$ 5% 1/4W	5	
	R520, 521	40112125	R. Carbon 10 $\Omega$ 5% 1/4W	2	
	R137	40112141	R. Carbon 47 $\Omega$ 5% 1/4W	1	
	R335, 336, 403, 404	40112149	R. Carbon 100 $\Omega$ 5% 1/4W	4	
	R117	40112150	R. Carbon 110 $\Omega$ 5% 1/4W	1	
	R321, 322	40112163	R. Carbon 390 $\Omega$ 5% 1/4W	2	
	R405, 406, 414, 503, 504	40112165	R. Carbon 470 $\Omega$ 5% 1/4W	5	
	R343, 344	40112173	R. Carbon 1k $\Omega$ 5% 1/4W	2	
	R323~334, 522, 605, 606	40112177	R. Carbon 1.5k $\Omega$ 5% 1/4W	7	
	R327, 328	40112179	R. Carbon 1.8k $\Omega$ 5% 1/4W	2	
	R101, 102, 309, 310, 351, 352	40112181	R. Carbon 2.2k $\Omega$ 5% 1/4W	6	
	R345, 346, 347, 348	40112183	R. Carbon 2.7k $\Omega$ 5% 1/4W	4	
	R603, 604	40112185	R. Carbon 3.3k $\Omega$ 5% 1/4W	2	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
	R329, 330, 341, 342, 501, 502	40112187	R. Carbon 3.9k $\Omega$ 5% 1/4W	6	
	R107, 108, 337, 338	40112189	R. Carbon 4.7k $\Omega$ 5% 1/4W	4	
	R331, 332, 401, 402, 411	40112191	R. Carbon 5.6k $\Omega$ 5% 1/4W	5	
	R111, 112, 319, 320, 421	40112193	R. Carbon 6.8k $\Omega$ 5% 1/4W	5	
	R412, 505	40112195	R. Carbon 8.2k $\Omega$ 5% 1/4W	2	
	R519, 415, 416, 518	40112197	R. Carbon 10k $\Omega$ 5% 1/4W	4	
	R325, 326, 407, 408	40112199	R. Carbon 12k $\Omega$ 5% 1/4W	4	
	R339, 340	40112201	R. Carbon 15k $\Omega$ 5% 1/4W	2	
	R506, 514, 516	40112203	R. Carbon 18k $\Omega$ 5% 1/4W	3	
	R315, 316, 409, 410, 607, 608	40112205	R. Carbon 22k $\Omega$ 5% 1/4W	6	
	R311, 508, 515, 517, 601, 602	40112207	R. Carbon 27k $\Omega$ 5% 1/4W	6	
	R312, 512	40112211	R. Carbon 39k $\Omega$ 5% 1/4W	2	
	R509	40112213	R. Carbon 47k $\Omega$ 5% 1/4W	1	
	R124	40112216	R. Carbon 62k $\Omega$ 5% 1/4W	1	
	R115, 116	40112217	R. Carbon 68k $\Omega$ 5% 1/4W	2	
	R110, 349, 350, 413, 418	40112221	R. Carbon 100k $\Omega$ 5% 1/4W	5	
	R507	40112227	R. Carbon 180k $\Omega$ 5% 1/4W	1	
	R313, 314, 317, 318, 417	40112229	R. Carbon 220k $\Omega$ 5% 1/4W	5	
	R105, 106	40112230	R. Carbon 240k $\Omega$ 5% 1/4W	2	
	R510	40112231	R. Carbon 270k $\Omega$ 5% 1/4W	1	
	R511, 513	40112245	R. Carbon 1M $\Omega$ 5% 1/4W	2	
	R216A, 216B, 217A, 217B	40121153	R. Carbon 150 $\Omega$ 5% 1/4W	4	
	R215A, 215B	40121193	R. Carbon 6.8k $\Omega$ 5% 1/4W	2	
	R218A, 218B, 219A, 219B	40341009	R. Wire 4.7 $\Omega$ 1W	4	
	R523, 524	40341057	R. Wire 47k $\Omega$ 1W	2	
	R419	40341067	R. Wire 33 $\Omega$ 1W	1	
	R226A, 226B	40341625	R. Metal 10 $\Omega$ 5% 1W	2	
	R420~423	40341657	R. Metal 22 $\Omega$ 5% 1W	4	
	R227A, 227B	40342013	R. Metal 10 $\Omega$ 2W	2	
	R129, 130	40930012	R. Metal 7.55k $\Omega$ 1W	2	
	R220A, 220B, 221A, 221B, 222A, 222B, 223A, 223B	40930014	R. Metal 47 $\Omega$ 3W	8	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
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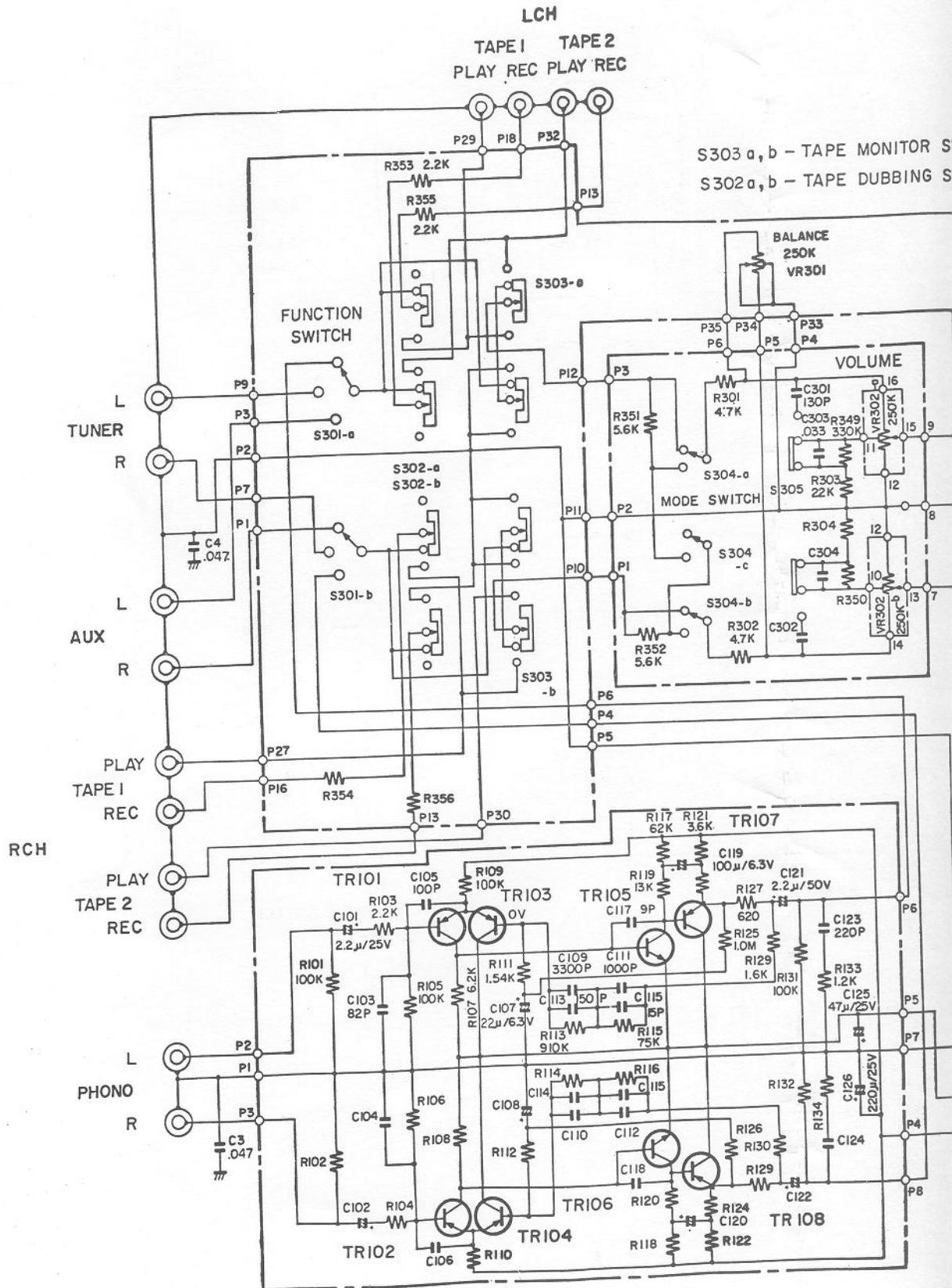
### CAPACITORS

	C516, 517, 518	42011025	C. Ceramic 500V	0.01 $\mu$ F	3	
	C211A, 211B	42110433	C. Ceramic 50V	0.047 $\mu$ F	2	
	C210A, 210B, 401, 402	42110437	C. Ceramic 50V	0.1 $\mu$ F	4	
		42110933	C. Ceramic 50V	0.047 $\mu$ F	6	
	C109, 110, 208A, 208B, 209A, 209B	42130205	C. Ceramic 50V	220pF	6	
	C307, 308	42130207	C. Ceramic 50V	330pF	2	
	C311, 312	42332015	C. Ceramic 50V	10pF	2	
	C206A, 206B, 207A, 207B	42332025	C. Ceramic 50V	15pF	4	
	C105, 106	42332027	C. Ceramic 50V	18pF	2	
	C103, 104, 125, 126, 204A, 204B	42332037	C. Ceramic 50V	47pF	6	
	C317, 318	42332039	C. Ceramic 50V	56pF	2	
	C301, 302	42332043	C. Ceramic 50V	82pF	2	
	C203A, 203B, 509, 510, 512, 513	42332045	C. Ceramic 50V	100pF	6	
	C111, 112	42754059	C. Mylar 50V	4700pF	2	
	C107, 108	42754068	C. Mylar 50V	0.027 $\mu$ F	2	
	C321, 322, 323, 324	42799031	C. Film 50V	0.022 $\mu$ F	4	
	C319, 320	42974001	C. Poly 50V	2700pF	2	
	C325, 326	42974002	C. Poly 50V	2.2 $\mu$ F	2	
	C327, C328	42974004	C. Poly 50V	8200pF	2	
	C303, 304	42974019	C. Poly 50V	18000pF	2	
	C305, 306	42975001	C. Poly 100V	0.224 $\mu$ F	2	
	C117, 118	42975002	C. Poly 100V	0.47 $\mu$ F	2	
	C202A, 202B	42975003	C. Poly 100V	0.68 $\mu$ F	2	
	C119, 120	42975006	C. Poly 50V	10000pF	2	
	C121, 122	42975007	C. Poly 50V	0.035 $\mu$ F	2	
	C406	43011031	C. Elec. 16V	47 $\mu$ F	1	
	C405	43011043	C. Elec. 25V	10 $\mu$ F	1	
	C505, 506	43012089	C. Elec. 25V	22 $\mu$ F	2	
	C501~504	43970040	C. Elec. 50V	0.01 $\mu$ F	4	
	C309, 310	43980030	C. Elec. 25V	10 $\mu$ F	2	
	C329, 330	43980050	C. Elec. 25V	3000 $\mu$ F	2	
	C101, 102, 201A, 201B	43980053	C. Elec. 25V	1 $\mu$ F	4	
	C113, 114	43982042	C. Elec. 25V	4.7 $\mu$ F	2	
	C315, 316	43982043	C. Elec. 25V	10 $\mu$ F	2	
	C313, 314	43991005	C. Elec. 25V	220 $\mu$ F	2	
	C205A, 205B	43991006	C. Elec. 25V	330 $\mu$ F	2	

EXPLODED VIEW NO.	SYMBOL NO.	PART NO.	DESCRIPTIONS	Q'TY	REMARKS
	C129, 130	43991007	C. Elec. 6.3V 470 $\mu$ F	2	
	C403, 404	43991017	C. Elec. 6.3V 220 $\mu$ F	2	
	C519	43991029	C. Elec. 6.3V 22 $\mu$ F	1	
	C335	43991033	C. Elec. 16V 220 $\mu$ F	1	
	C511	43991043	C. Elec. 16V 10 $\mu$ F	1	
	C115, 116, 123, 514, 515	43991059	C. Elec. 16V 47 $\mu$ F	5	
	C331~334	43991060	C. Elec. 16V 100 $\mu$ F	4	
	C214A, 214B, 215A, 215B	43991067	C. Elec. 50V 2.2 $\mu$ F	4	
	C127, 128	43991068	C. Elec. 50V 3.3 $\mu$ F	2	
	C213A, 213B	43991071	C. Elec. 50V 22 $\mu$ F	2	
	C507, 508	43991073	C. Elec. 50V 47 $\mu$ F	2	

# NEC Authentic series

## STEREO INTEGRATED AMPLIFIER MODEL AUA-7000E

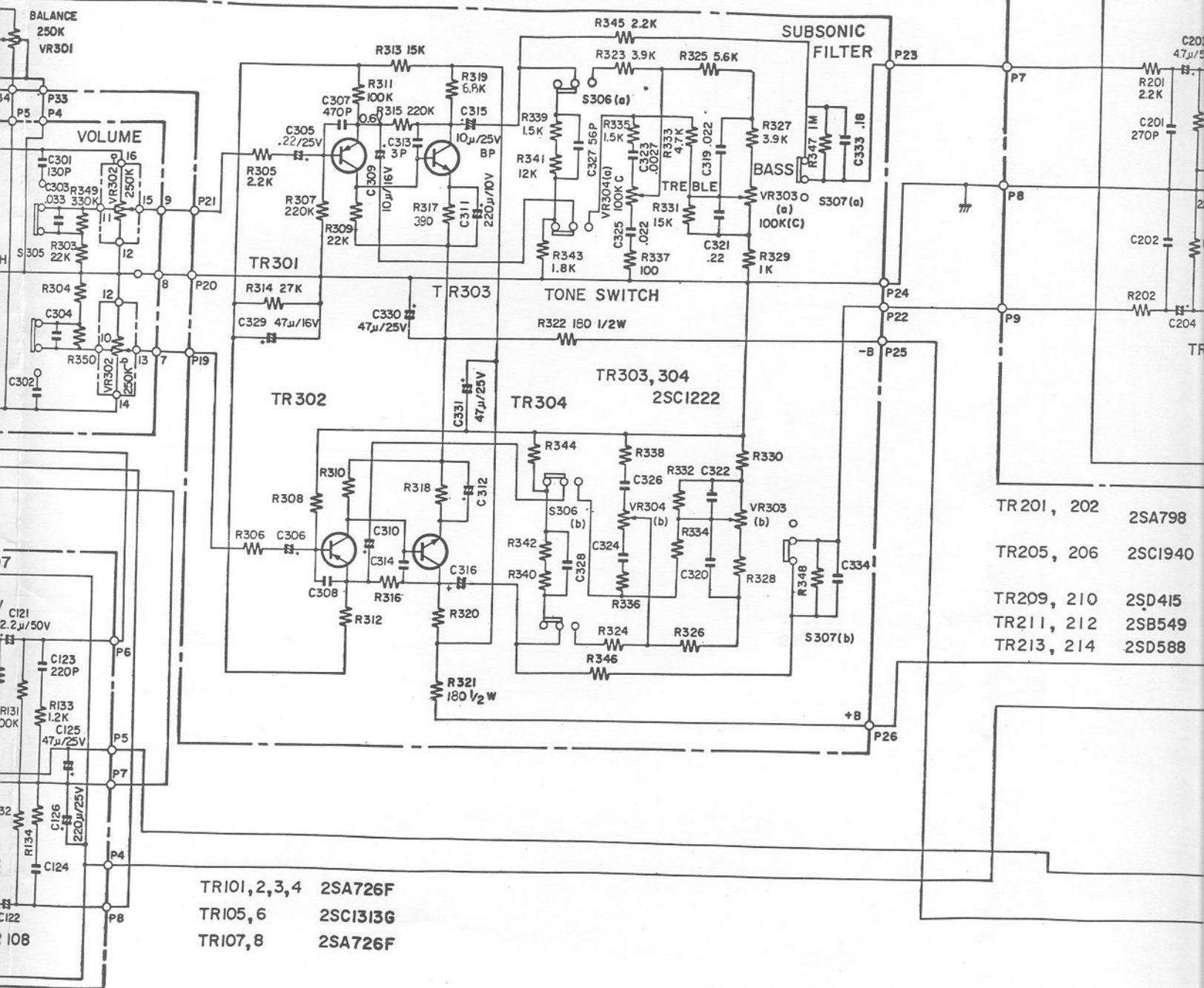


TR301,2 2SA872E

TR303,4 2SC1775F

3a,b - TAPE MONITOR SWITCH

2a,b - TAPE DUBBING SWITCH



TR101,2,3,4 2SA726F  
TR105,6 2SC1313G  
TR107,8 2SA726F

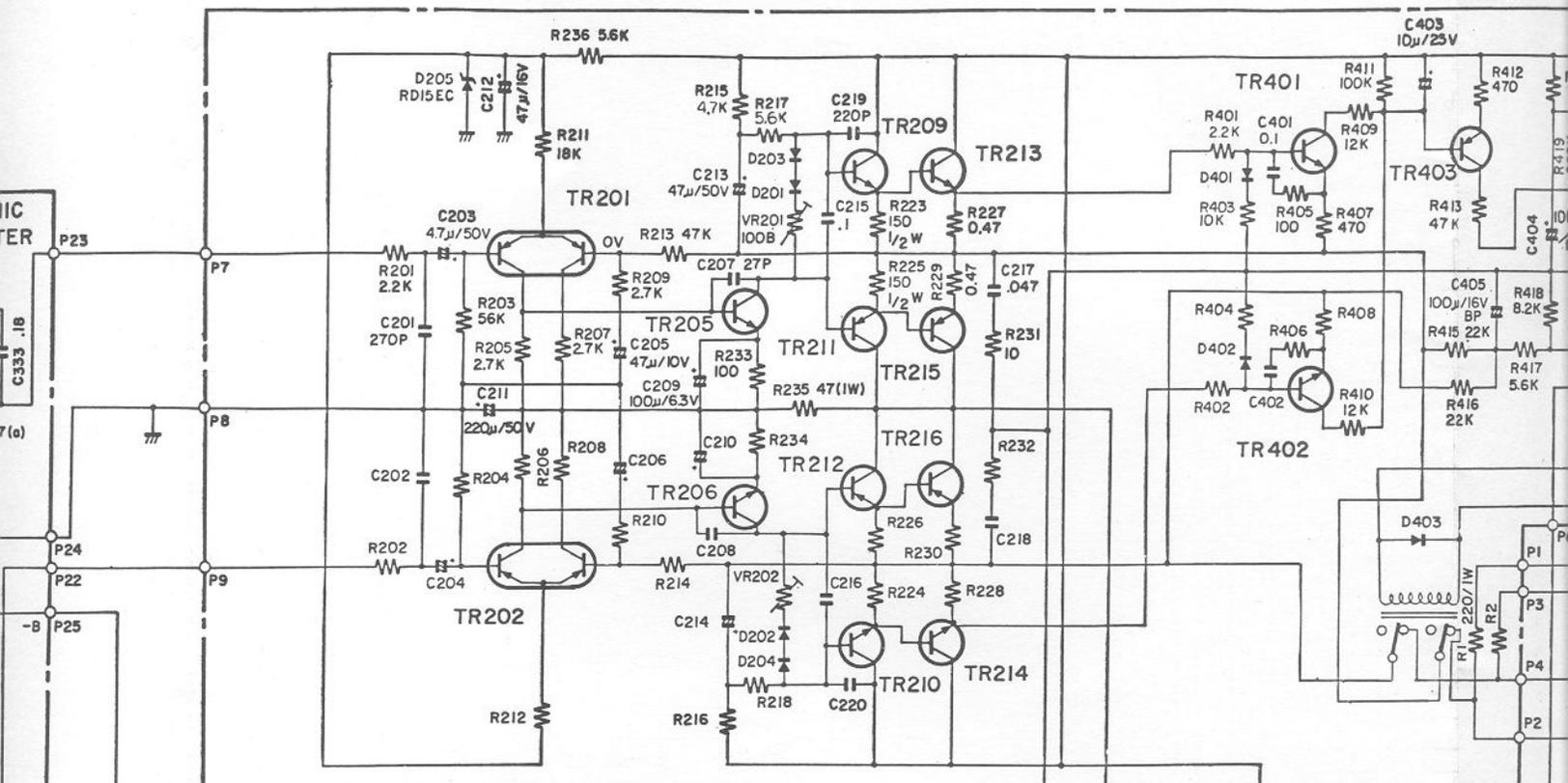
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TR211, 212 2SB549  
TR213, 214 2SD588

D205  
RD15EC

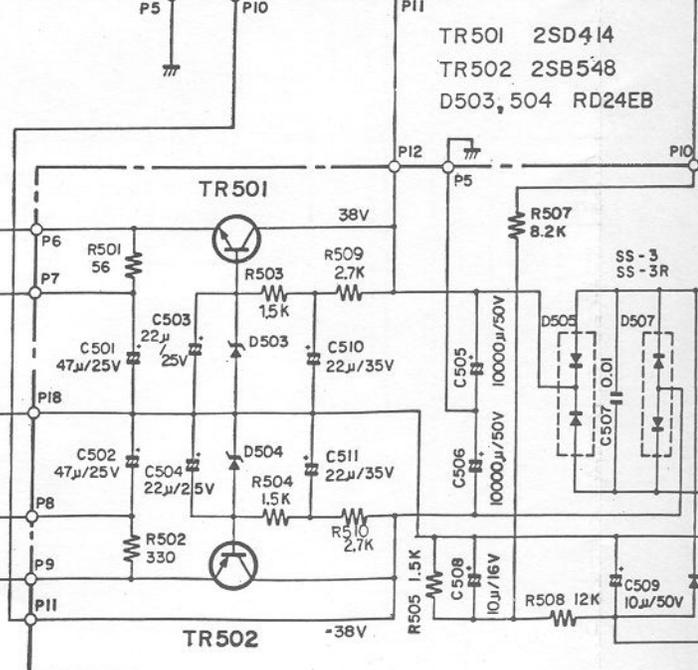
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R201  
2.2K  
C201  
270P

C202  
R202  
C204

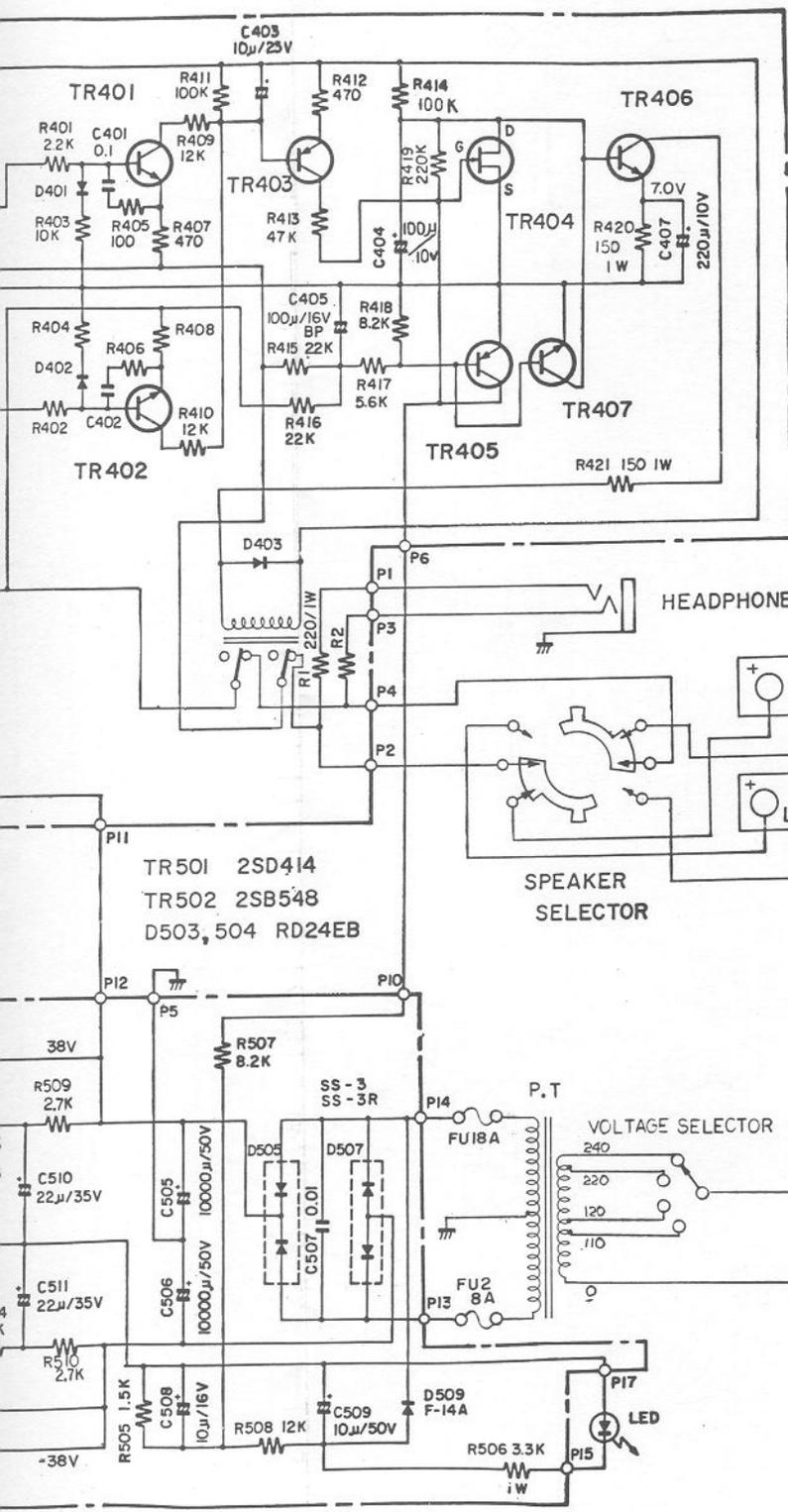
TR



TR201, 202	2SA798	TR215, 216	2SB618
TR205, 206	2SC1940	D201, 202	STV-3(H)
TR209, 210	2SD415	D203, 204	IS2473
TR211, 212	2SB549		
TR213, 214	2SD588		



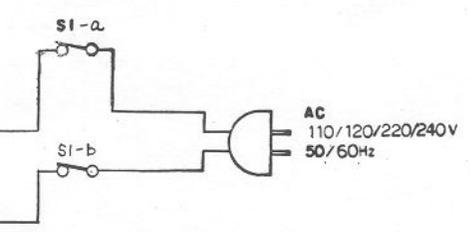
TR501	2SD414
TR502	2SB548
D503, 504	RD24EB



- TR401, 402, 407  
2SC1775
- TR403, 5  
2SA872
- TR404  
2SK30
- TR406  
2SD438
- D401, 402, 403  
IS2473

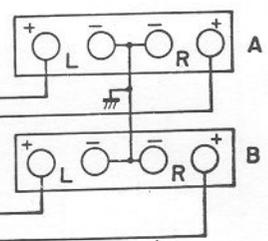
- TR501 2SD414
- TR502 2SB548
- D503, 504 RD24EB

POWER SWITCH



HEADPHONE

SPEAKER  
SELECTOR



AC  
110/120/220/240V  
50/60Hz

LED