

Service Manual

Stereo Integrated Amplifier

Amplifier



SU-Z750

SU-Z950

SU-Z750 SU-Z950

Color

(K) ... Black Type

Color	Areas
(K)	[M] ... U.S.A.
(K)	[MC] ... Canada

System

SC-D120E SC-D130E

SPECIFICATIONS

[SU-Z750]

■ AMPLIFIER SECTION

Rated minimum sine wave RMS power output

20 Hz~20 kHz both channels driven
0.07% total harmonic distortion
100 W per channel (8 ohms)

1 kHz continuous power output
both channels driven
0.05% total harmonic distortion
105 W per channel (8 ohms)

Dynamic headroom 0.6 dB (8 ohms)
Total harmonic distortion
half power at 1 kHz 0.009% (8 ohms)
SMPTE intermodulation distortion 0.05% (8 ohms)

Frequency response

PHONO RIAA standard curve ± 0.8 dB
TUNER, CD/AUX, TAPE 1, TAPE 2/EXT
5 Hz~100 kHz, -3 dB

Input sensitivity

PHONO 0.3 mV (2.5 mV, IHF '66)
TUNER, CD/AUX, TAPE 1, TAPE 2/EXT
17 mV (150 mV, IHF '66)

S/N (IHF, A)

PHONO 76 dB (82dB, IHF '66)
TUNER, CD/AUX, TAPE 1, TAPE 2/EXT
80 dB (97 dB, IHF '66)

Maximum input voltage

PHONO 140 mV (150 mV, 1 kHz)

Input impedance

PHONO 47 kilohms
TUNER, CD/AUX, TAPE 1, TAPE 2/EXT
22 kilohms

Tone controls

BASS 50 Hz, +10 dB~-10 dB
TREBLE 20 kHz, +10 dB~-10 dB

Loudness control (volume at -30 dB)

50 Hz, +9 dB

Output voltage

TAPE 1, TAPE 2/EXT (REC OUT) 150 mV

Low frequency damping factor 30 (8 ohms)

Load impedance

MAIN or REMOTE 8~16 ohms
MAIN and REMOTE 8~16 ohms

■ GENERAL

Power consumption 365 W, 485 VA

Power supply AC 120V, 60 Hz

Dimensions (W×H×D) 430 × 119 × 280 mm
(16-15/16" × 4-11/16" × 11-1/32")

Weight 7.35 kg (16.2 lb.)

Note:

Total harmonic distortion is measured by the digital spectrum analyzer (H.P. 3045 system).

(Specifications are subject to change without notice for further improvement.)

[SU-Z950]

■ AMPLIFIER SECTION

Rated minimum sine wave RMS power output

20 Hz~20 kHz both channels driven
0.07% total harmonic distortion
110 W per channel (8 ohms)

1 kHz continuous power output
both channels driven
0.05% total harmonic distortion
115 W per channel (8 ohms)

Dynamic headroom 0.6 dB (8 ohms)
Total harmonic distortion
half power at 1 kHz 0.009% (8 ohms)
SMPTE intermodulation distortion 0.05% (8 ohms)

Frequency response

PHONO RIAA standard curve ± 0.8 dB
TUNER, CD/AUX, TAPE 1, TAPE 2/EXT
5 Hz~100 kHz, -3 dB

Input sensitivity

PHONO 0.3 mV (2.5 mV, IHF '66)
TUNER, CD/AUX, TAPE 1, TAPE 2/EXT
17 mV (150 mV, IHF '66)

S/N (IHF, A)

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TUNER, CD/AUX, TAPE 1, TAPE 2/EXT
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TUNER, CD/AUX, TAPE 1, TAPE 2/EXT
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BASS 50 Hz, +10 dB~-10 dB
TREBLE 20 kHz, +10 dB~-10 dB

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Technics

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P.O. Box 774
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Panasonic Sales Company
Division of Matsushita Electric
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Victoria Industrial Park
Carolina, Puerto Rico 00630

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LINE-UP OF COMPONENTS

	SC-D130E	SC-D120E	SC-D110
Stereo Integrated Amplifier	SU-Z950	SU-Z750	SU-Z550
Quartz Synthesizer FM/AM Stereo Tuner	ST-Z550	ST-Z550	ST-Z550
Automatic Turntable System	SL-D250U	SL-B250U	SL-B250U
Stereo Double Cassette Deck	RS-D550W	RS-D550W	RS-D550W
Stereo Graphic Equalizer	SH-Z250	SH-Z250	—
Hi-Fi Speaker Systems	SB-2580	SB-2560	SB-2520

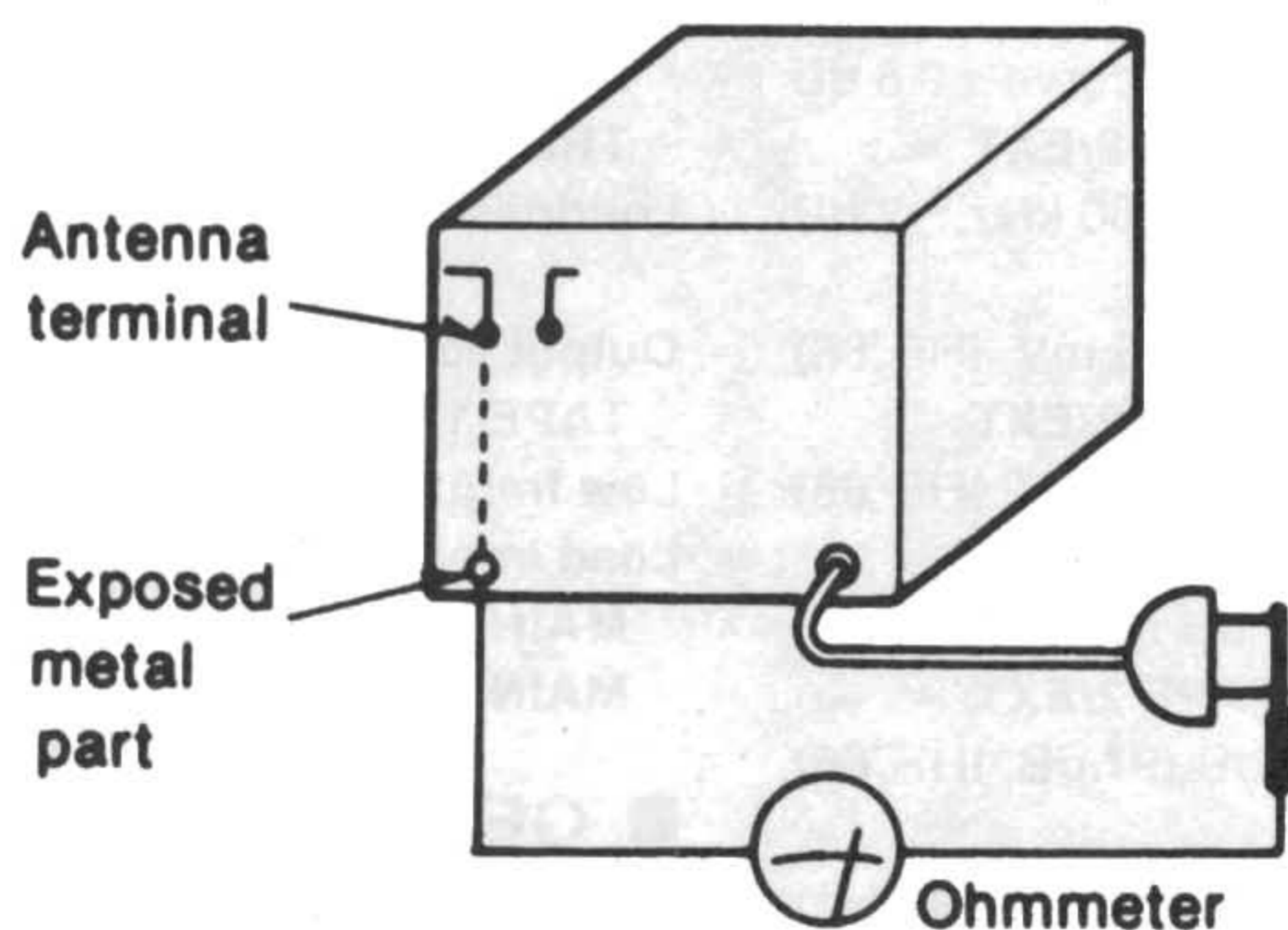
SAFETY PRECAUTION

1. Before servicing, unplug the power cord to prevent an electric shock.
2. When replacing parts, use only manufacturer's recommended components for safety.
3. Check the condition of the power cord. Replace if wear or damage is evident.
4. After servicing, be sure to restore the lead dress, insulation barriers, insulation papers, shields, etc.
5. Before returning the serviced equipment to the customer, be sure to make the following insulation resistance test to prevent the customer from being exposed to a shock hazard.

INSULATION RESISTANCE TEST

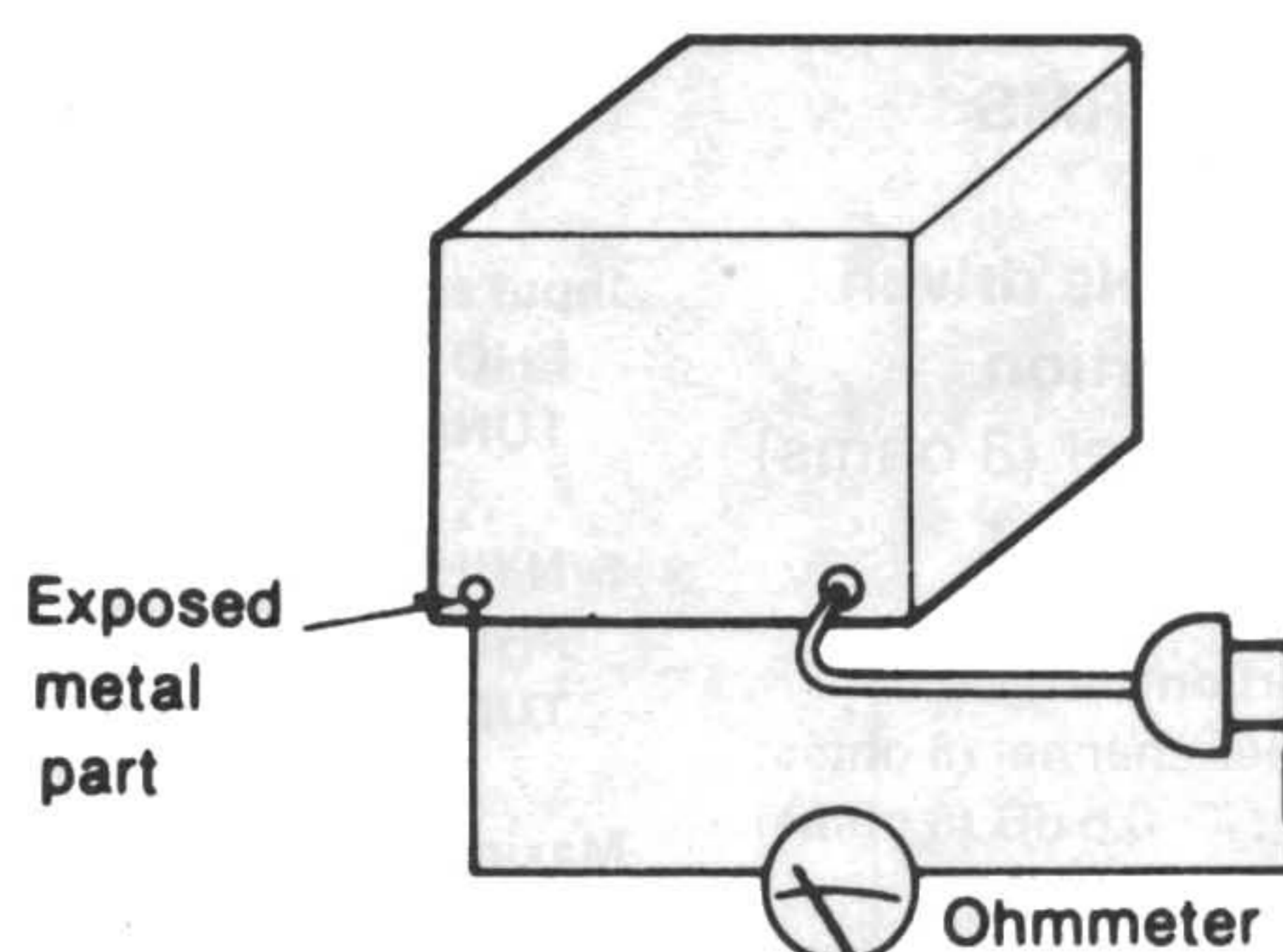
1. Unplug the power cord and short the two prongs of the plug with a jumper wire.
2. Turn on the power switch.
3. Measure the resistance value with ohmmeter between the jumpered AC plug and each exposed metal cabinet part, such as screwheads antenna, control shafts, handle brackets, etc. Equipment with antenna terminals should read between $3M\Omega$ and $5.2M\Omega$ to all exposed parts. (Fig. A) Equipment without antenna terminals should read approximately infinity to all exposed parts. (Fig. B)

Note: Some exposed parts may be isolated from the chassis by design. These will read infinity.



(Fig. A)

Resistance = $3M\Omega - 5.2M\Omega$



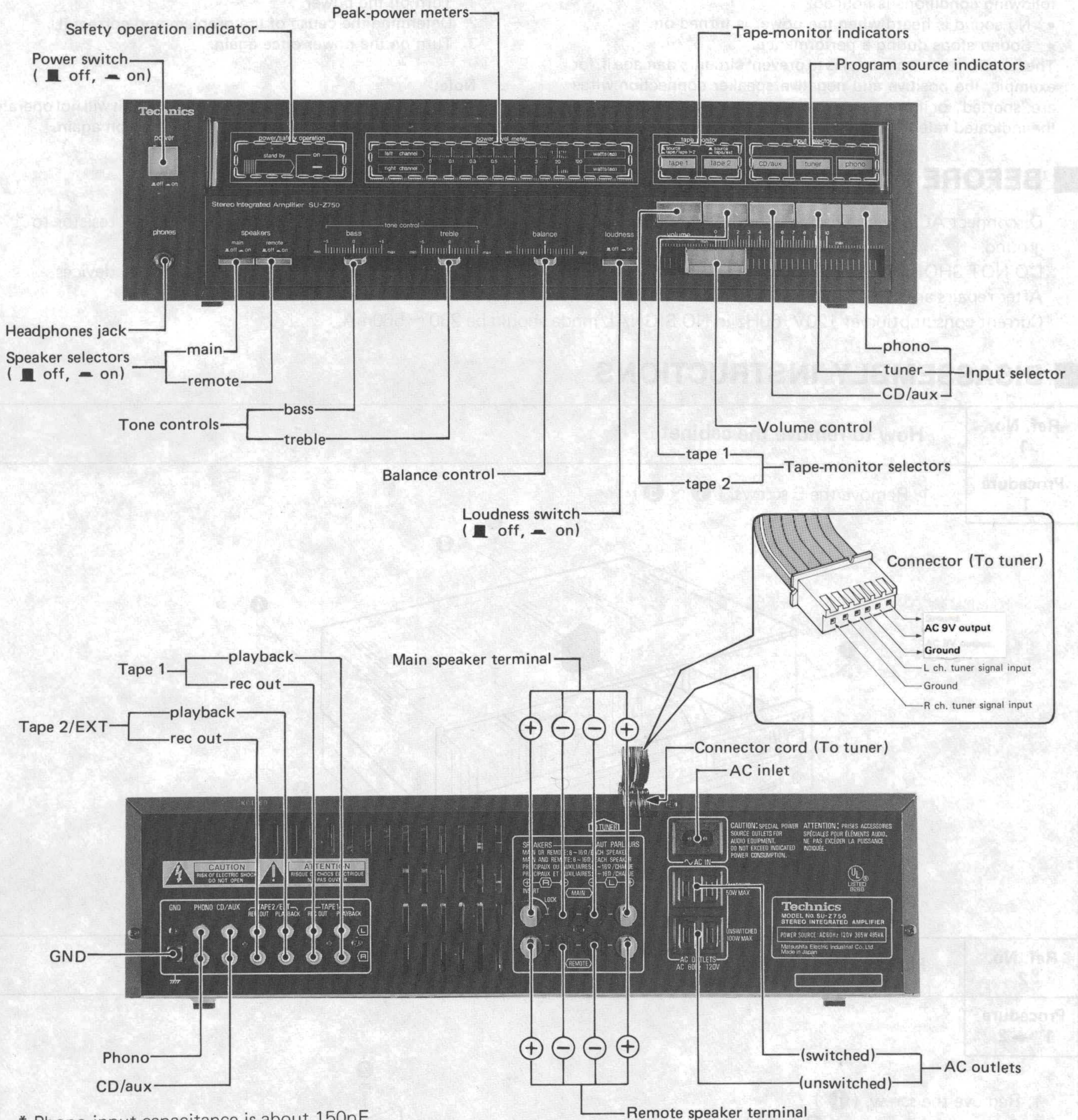
(Fig. B)

Resistance = Approx ∞

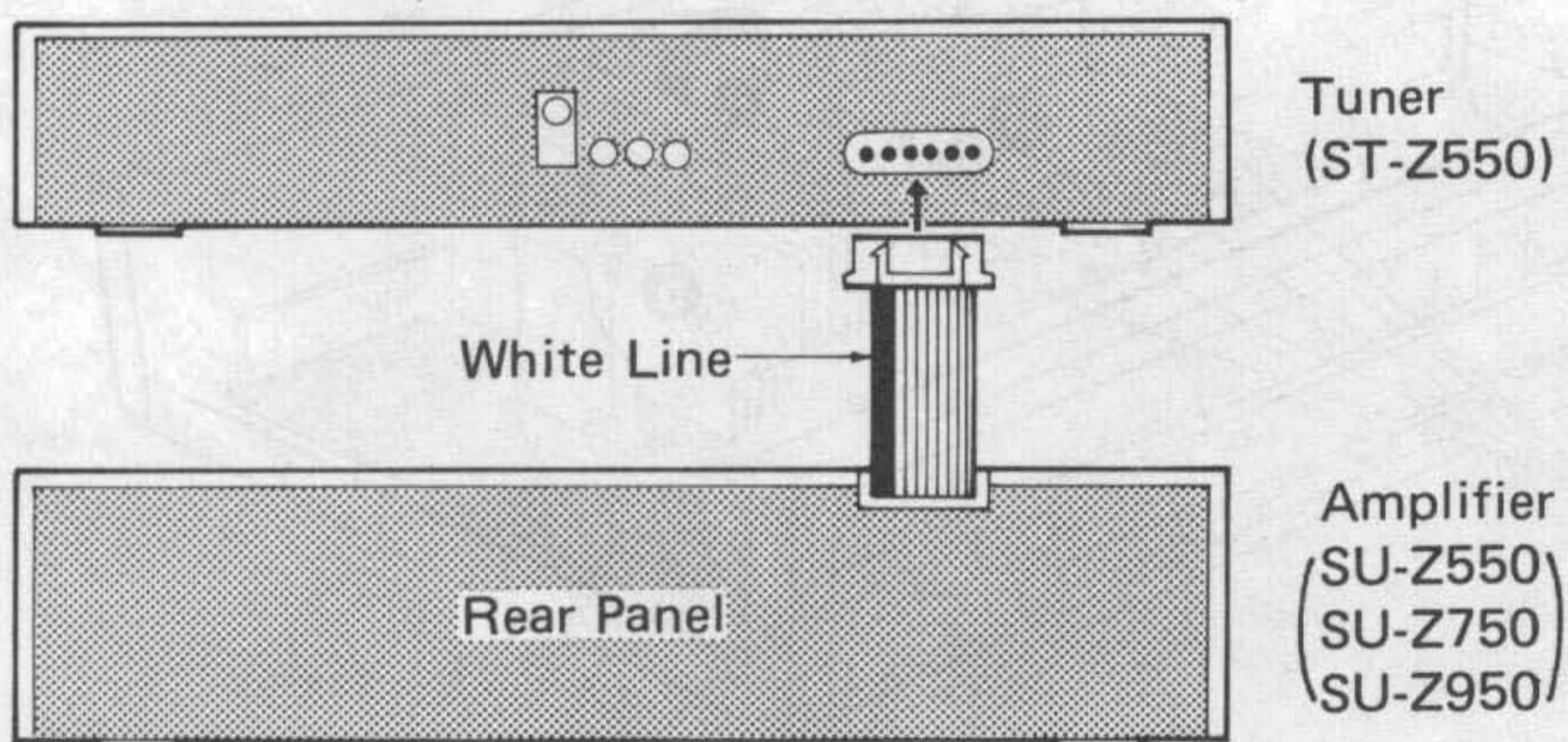
4. If the measurement is outside the specified limits, there is a possibility of a shock hazard. The equipment should be repaired and rechecked before it is returned to the customer.

LOCATION OF CONTROLS

• The function and operating method of **SU-Z950** are the same as for **SU-Z750**.



* Phono input capacitance is about 150pF.



Connect the amp and tuner as illustrated.

* Tuner (ST-Z550) is not equipped with power supply. So, the amplifier shown on separate power supply is necessary for the repair and check of this tuner.

PROTECTION CIRCUITRY

The protection circuitry may have operated if either of the following conditions is noticed:

- No sound is heard when the power is turned on.
- Sound stops during a performance.

The function of this circuitry is to prevent circuitry damage if, for example, the positive and negative speaker connection wires are "shorted", or if speaker systems with an impedance less than the indicated rated impedance of the amplifier are used.

If this occurs, follow the procedure outlined below:

1. Turn off the power.
2. Determine the cause of the problem and correct it.
3. Turn on the power once again.

Note:

When the protection circuitry functions, the unit will not operate unless the power is first turned off and then on again.

BEFORE REPAIR AND ADJUSTMENT

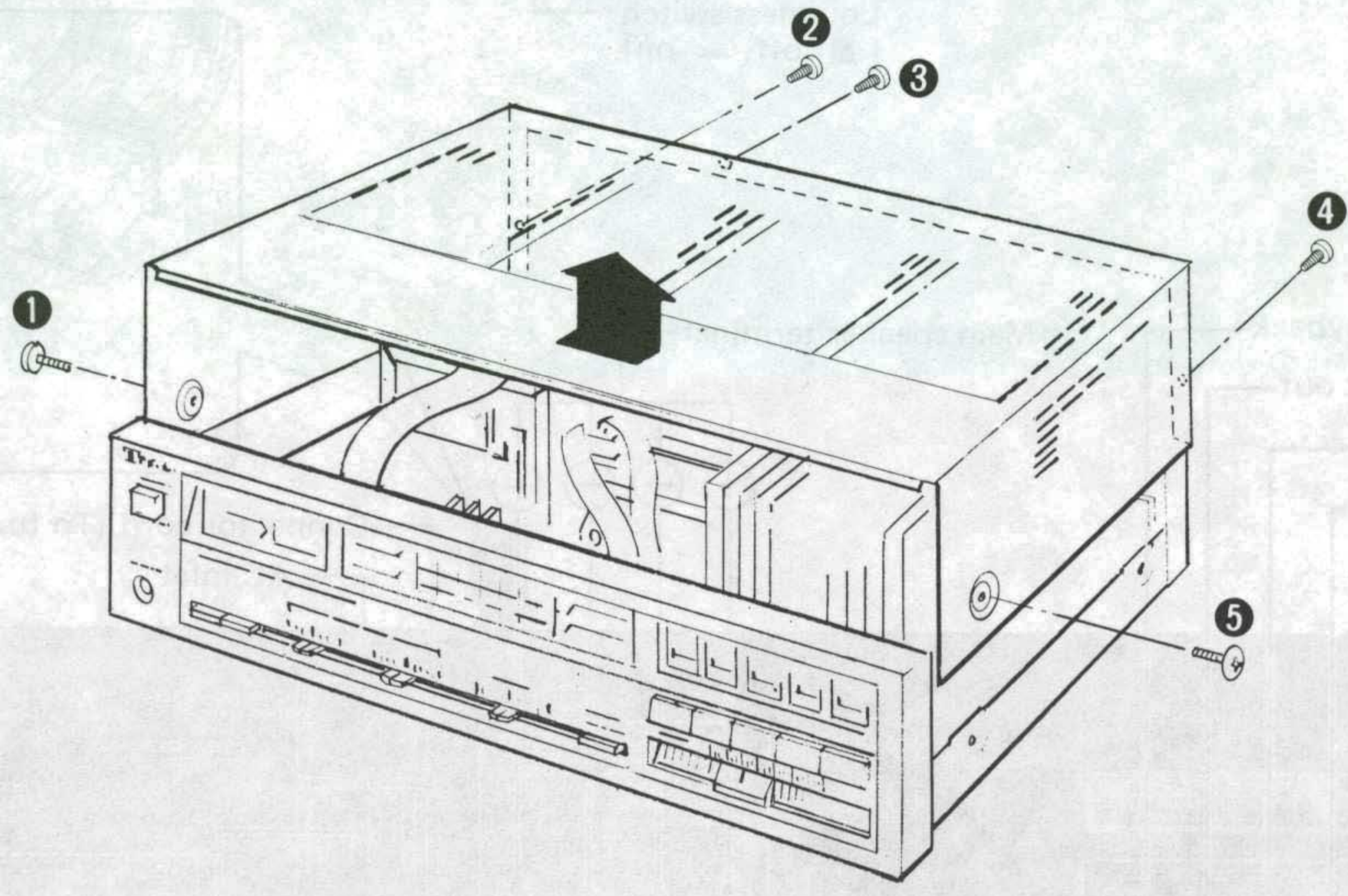
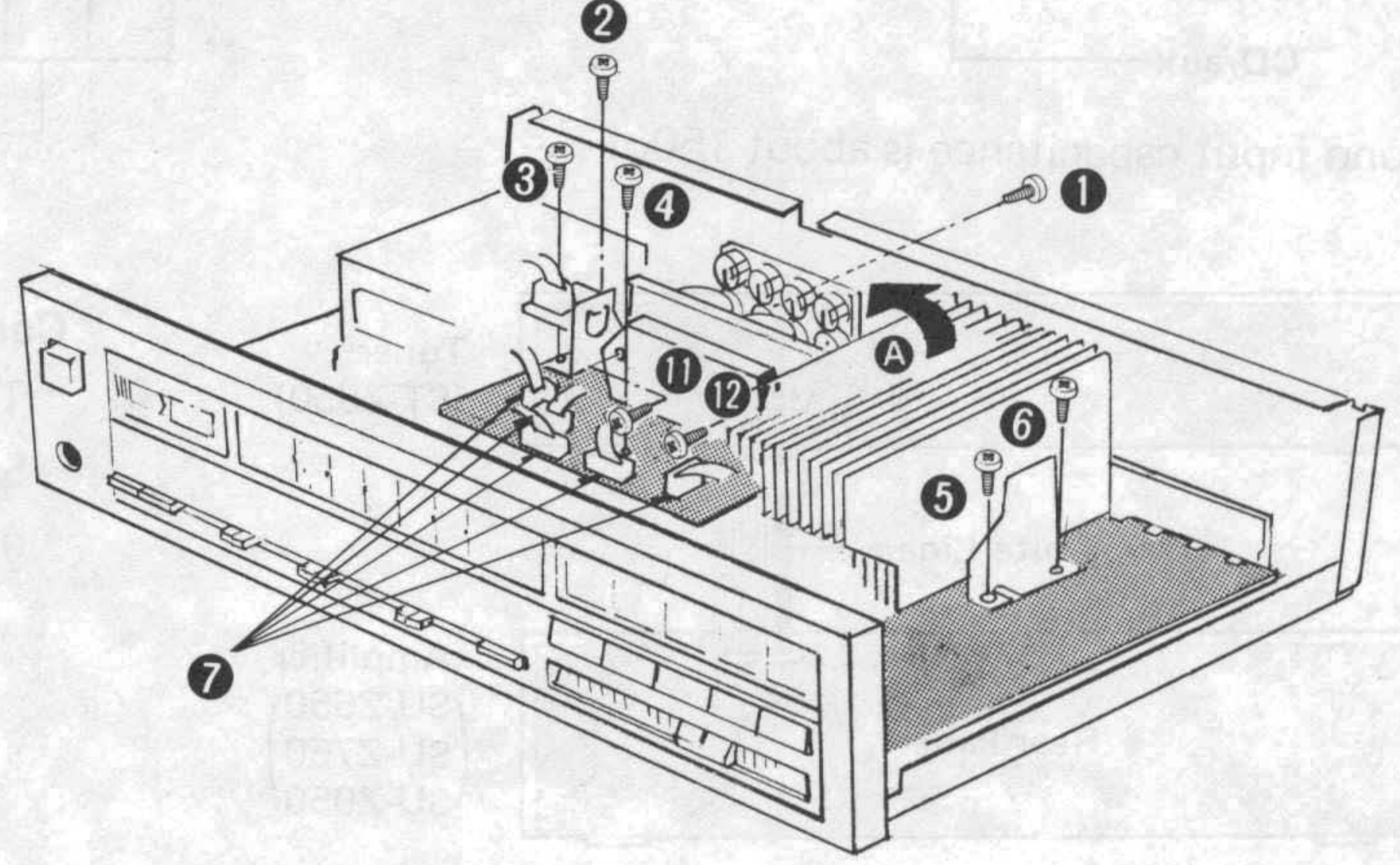
Disconnect AC power, Discharge both Power Supply Capacitors C503 and C504 (8000 μ F) through a 10 Ω , 5W resistor to ground.

DO NOT SHORT-CIRCUIT DIRECTLY (with a screwdriver blade, for instance), as this may destroy solid state devices.

After repairs are completed, restore power gradually using a variac, to avoid overcurrent.

Current consumption at 120V, 60Hz in NO SIGNAL mode should be 280 ~ 560mA.

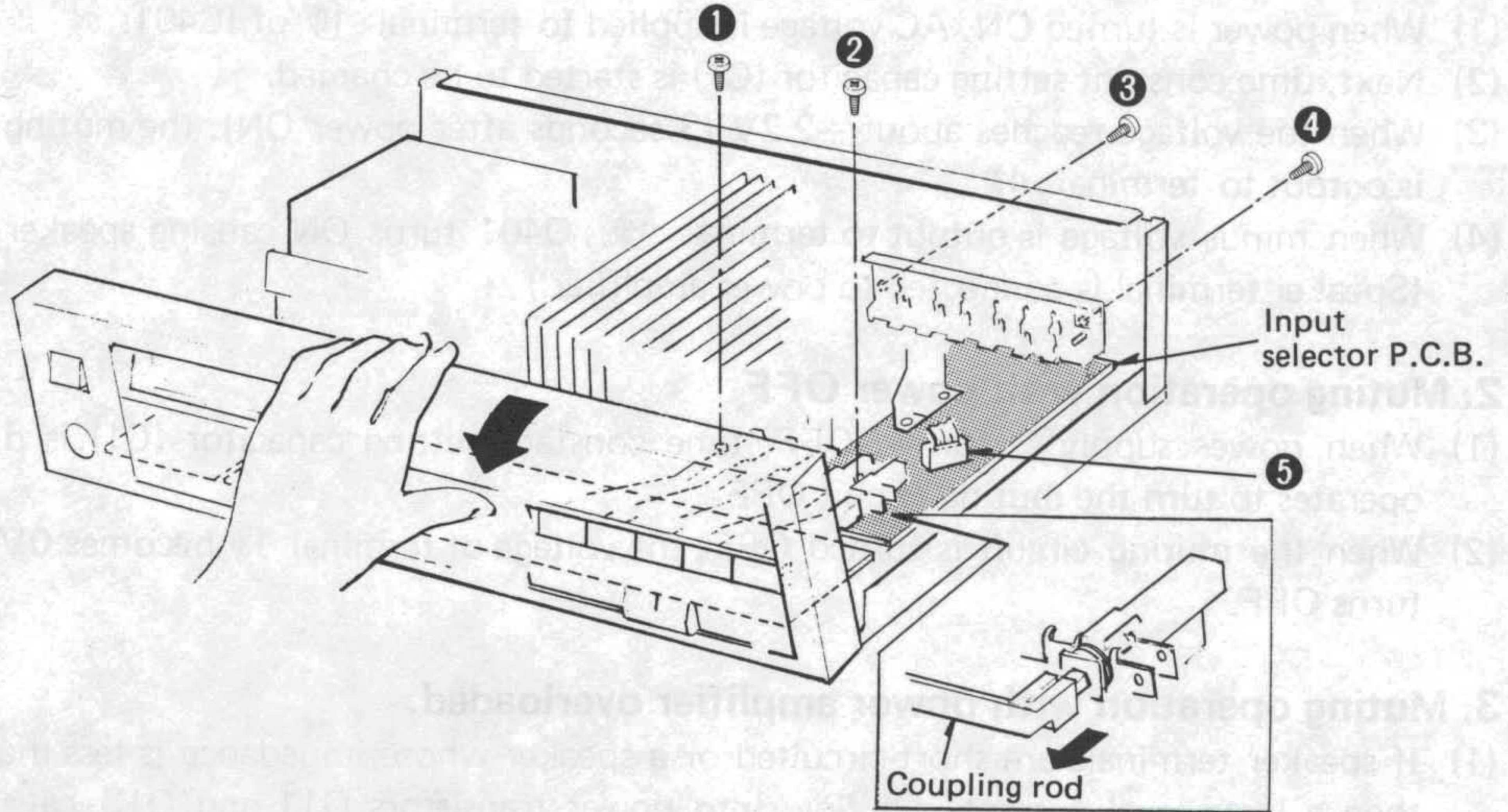
DISASSEMBLY INSTRUCTIONS

<p>Ref. No. 1</p>	<p>How to remove the cabinet</p>
<p>Procedure 1</p>	<p>1. Remove the 5 screws. (① ~ ⑤)</p>
	
<p>Ref. No. 2</p>	<p>How to remove the power IC</p>
<p>Procedure 1 → 2</p>	<p>1. Remove the screw. (①) 2. Remove the 5 screws. (② ~ ⑥) 3. Pull out the 5 connectors. (⑦) 4. Remove the power amplifier P.C.B. in the direction of the arrow A 5. Unsolder of the power IC. 6. Remove the 2 screws. (⑪ , ⑫)</p>
 <p>* When mounting the power IC, apply silicone compound (SZZ0L15) to the rear side of power IC.</p>	

Ref. No. 3 **How to remove the input selector P.C.B.**

Procedure
1 → 2 → 3

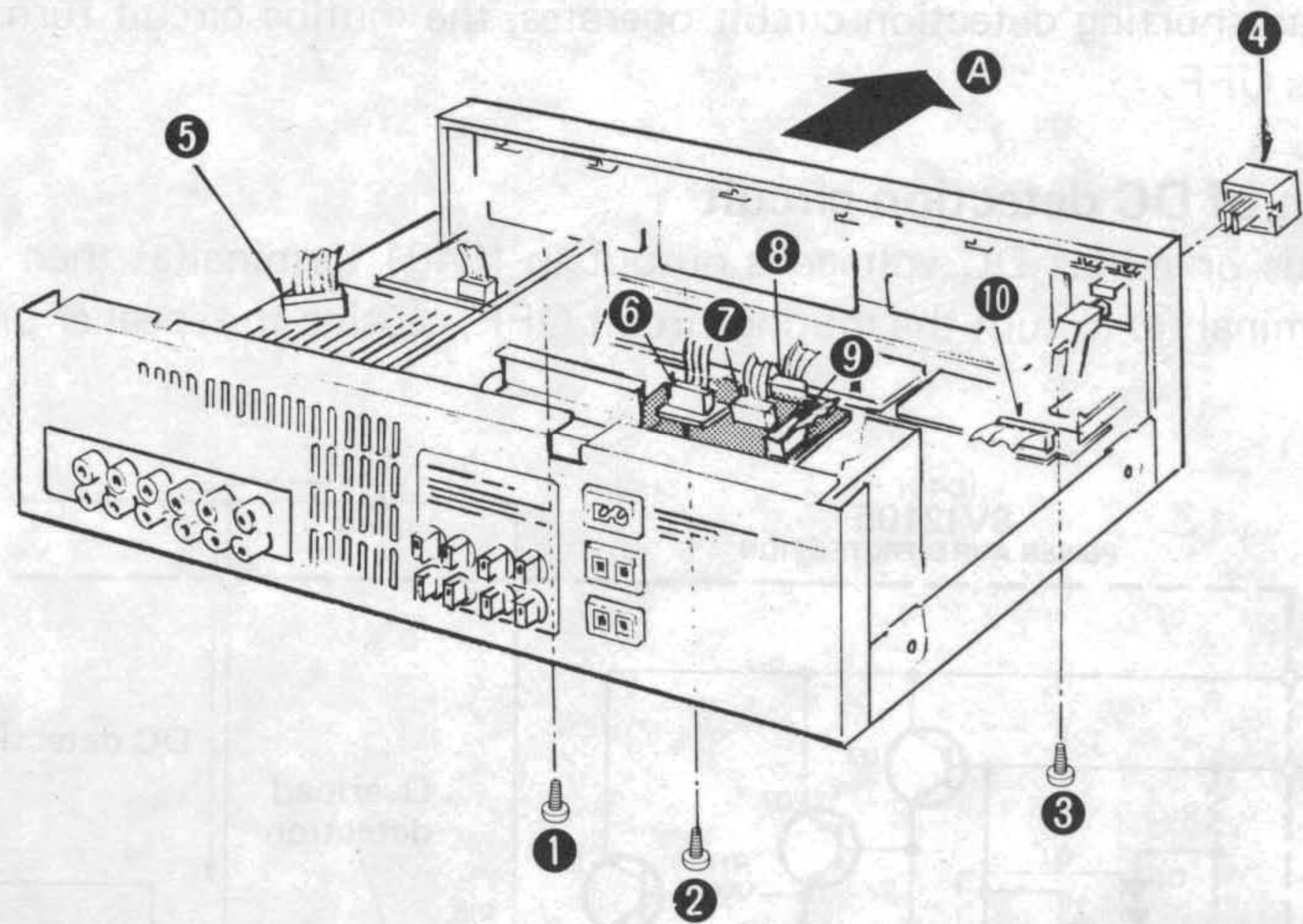
1. Pulling top of the front panel to your side to make opening there, pull off the 5 coupling rods illustrated in the figure.
2. Remove the 4 screws. (① ~ ④)
3. Pull out the connector. (⑤)
4. Remove the input selector P.C.B.



Ref. No. 4 **How to remove the front panel**

Procedure
1 → 4

1. Remove the 3 screws. (① ~ ③)
2. Remove the power switch button. (④)
3. Pull out the 6 connectors. (⑤ ~ ⑩)
4. Remove the front panel in the direction of the arrow A

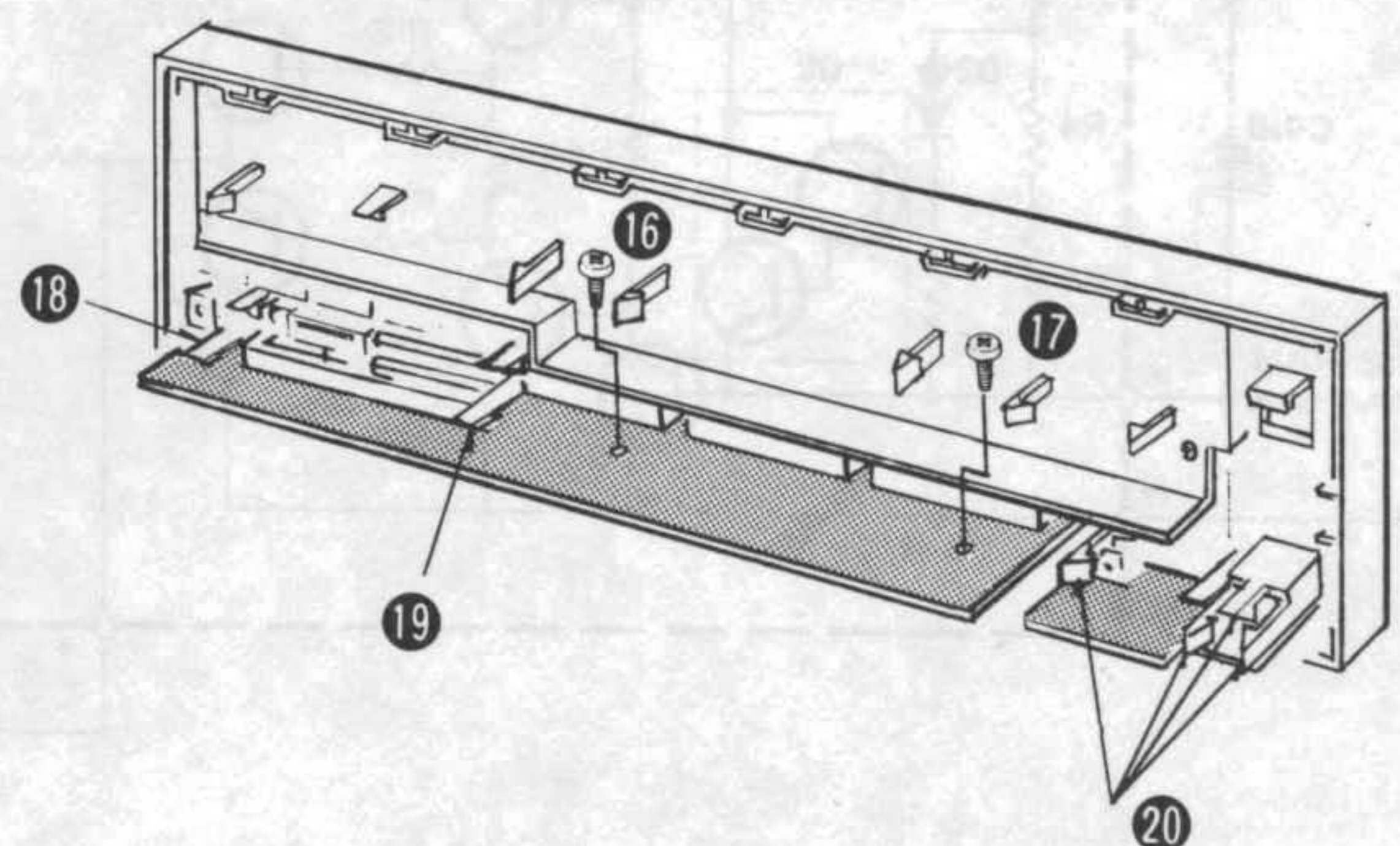
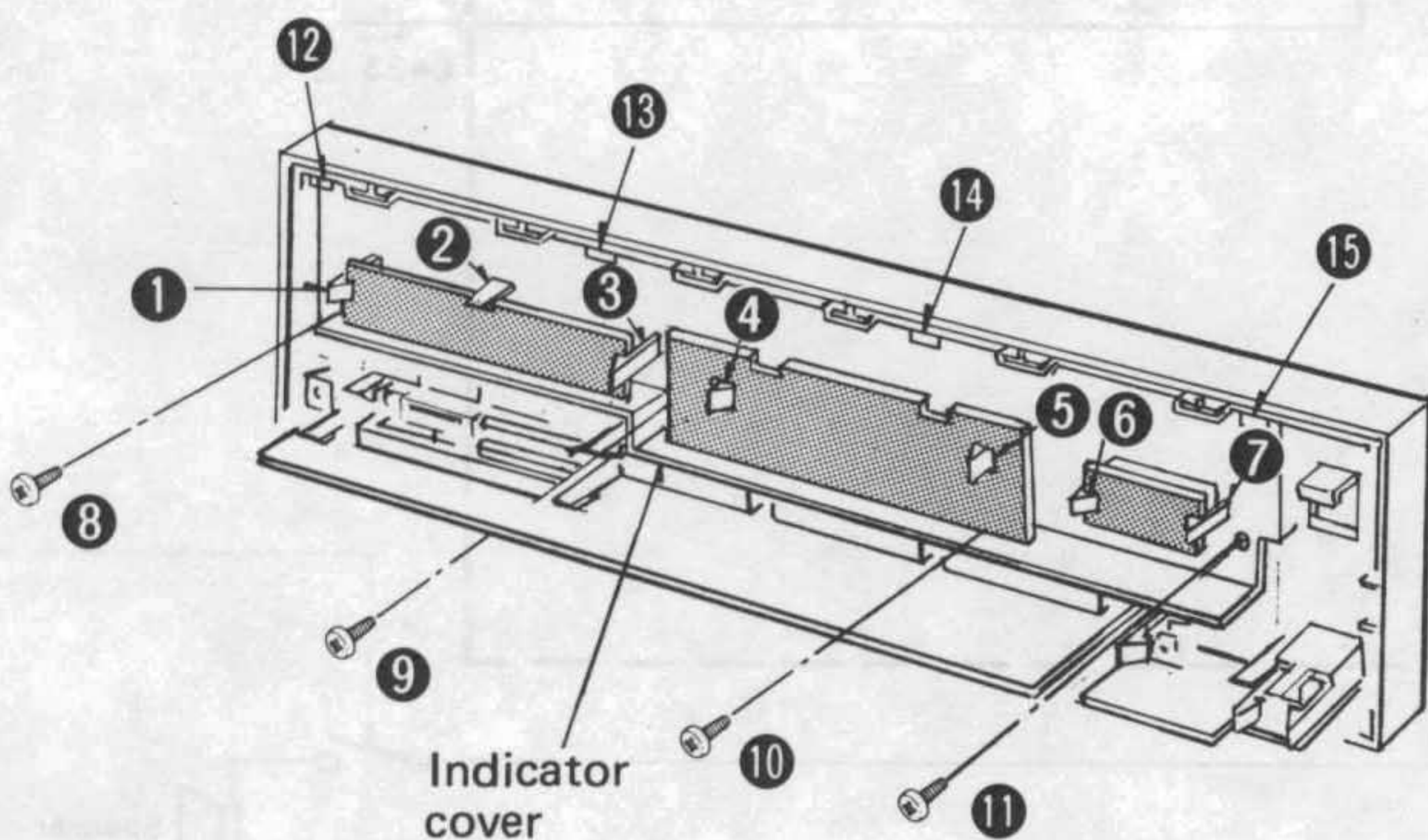


Ref. No. 5 **How to remove the indicator cover and volume control P.C.B.**

Procedure
1 → 4 → 5

1. Push the 7 tabs aside. (① ~ ⑦)
2. Remove the 4 screws. (⑧ ~ ⑪)
3. Release the 4 tabs (⑫ ~ ⑮) and remove the indicator cover.

4. Remove the 2 screws. (⑯ , ⑰)
5. Release the 2 tabs (⑱ , ⑲) and remove the volume control P.C.B.
6. Release the 4 tabs (⑳) and remove the headphones jack P.C.B.



OPERATIONAL DESCRIPTION OF IC401 FOR MUTING

1. Muting operation with power ON

- (1) When power is turned ON, AC voltage is applied to terminal ⑩ of IC401.
- (2) Next, time constant setting capacitor (C1) is started to be charged.
- (3) When the voltage reaches about $-2.2V$ (3 seconds after power ON), the muting circuit turns ON, and then $-15V$ voltage is output to terminal ⑬.
- (4) When minus voltage is output to terminal ⑬, Q401 turns ON causing speaker protecting relay (RLY401) to turn ON. (Speaker terminal is connected to power amplifier.)

2. Muting operation with power OFF

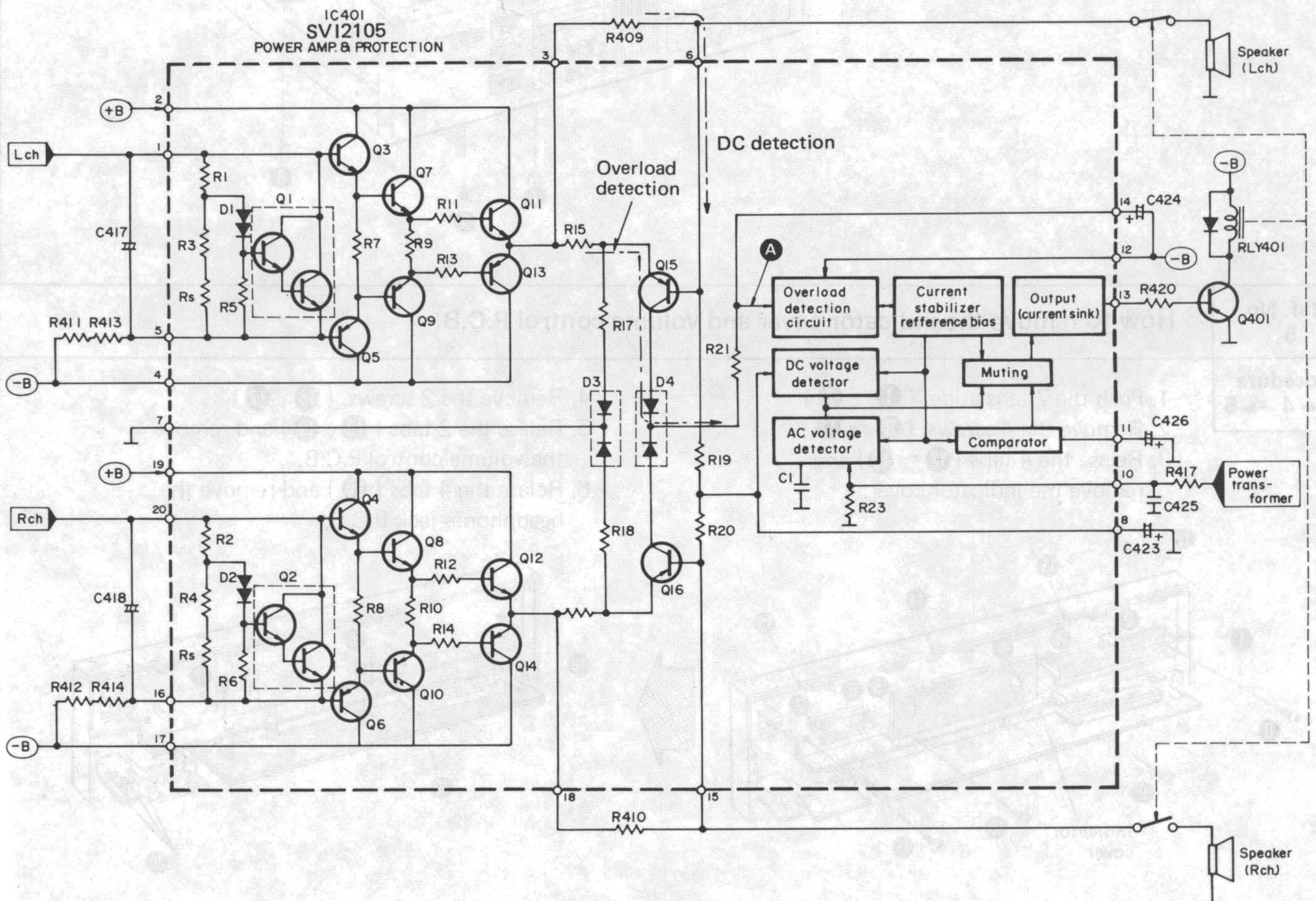
- (1) When power supply is turned OFF, time constant setting capacitor (C1) is discharged, and then AC detector circuit operates to turn the muting circuit OFF.
- (2) When the muting circuit is turned OFF, the voltage of terminal ⑬ becomes 0V and speaker protecting relay (RLY401) turns OFF.

3. Muting operation with power amplifier overloaded.

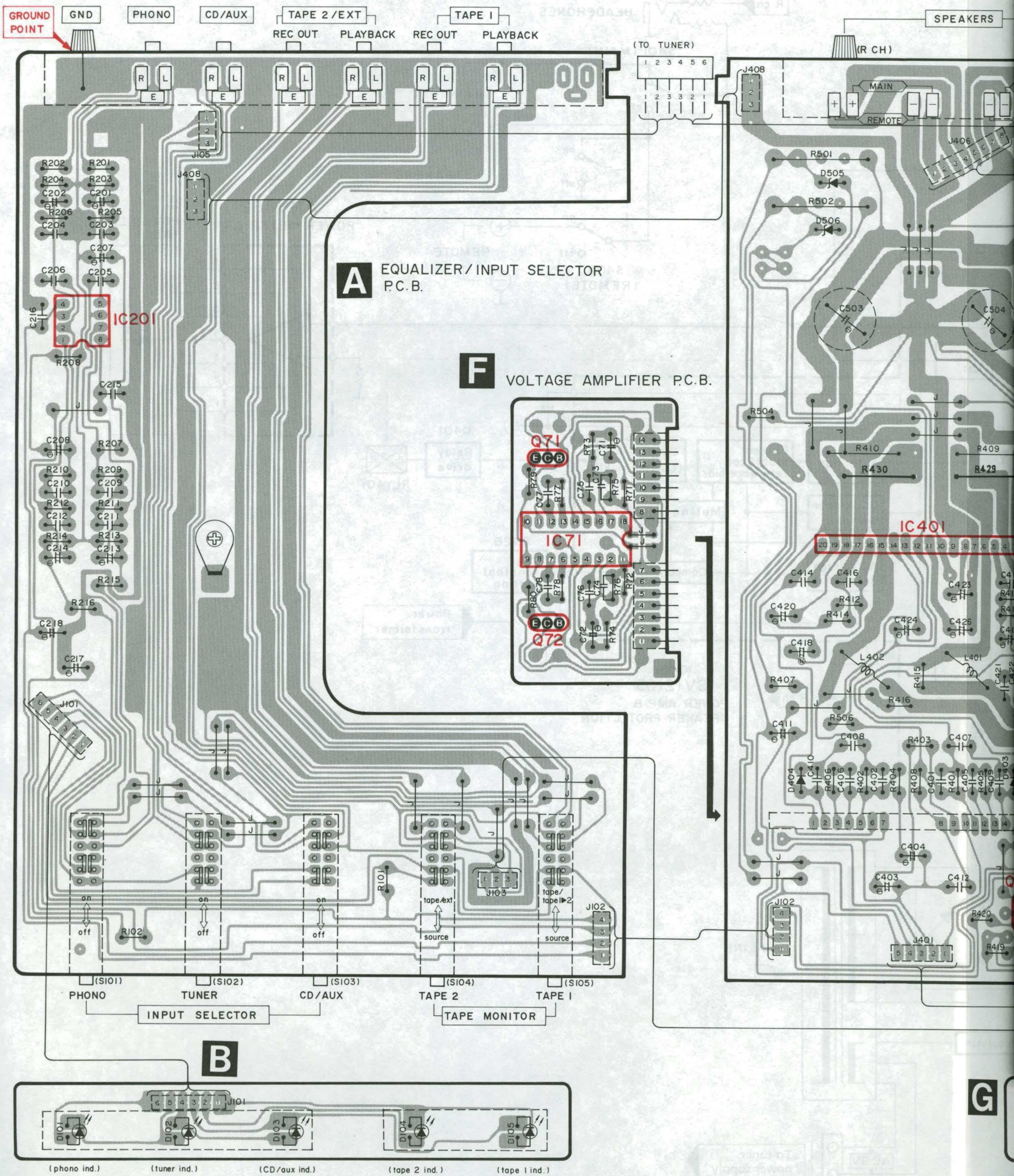
- (1) If speaker terminals are short-circuited or a speaker whose impedance is less than the rating indicated on the unit is used, then a large level current will flow into power transistors Q11 and Q13, causing rise of the voltage across the emitter resistor R409.
- (2) When the voltage across R409 is increased, the overload detection transistor Q15 turns ON.
- (3) With Q15 turned ON, plus voltage is applied to point A. The load shorting detector circuit operates when the voltage difference between terminals ⑫ and ⑭ becomes more than 0.6V.
- (4) If the load shorting detection circuit operates, the muting circuit turns OFF and the speaker protecting relay (RLY401) also turns OFF.

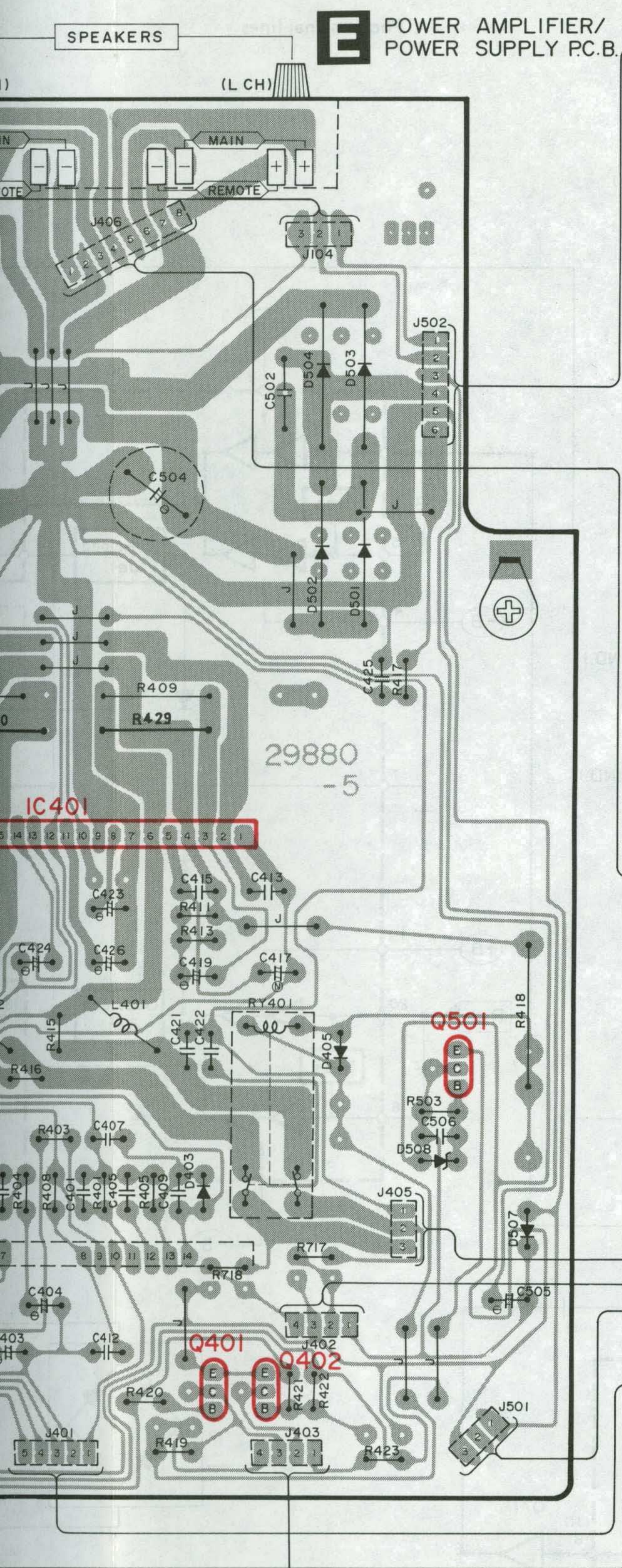
4. Operation of DC detection circuit

- (1) When plus or minus DC voltage is output to IC401 terminal ③, then the voltage is input to DC voltage detector circuit from terminal ⑥ to turn the muting circuit OFF, causing the speaker protecting relay (RLY401) to turn OFF.

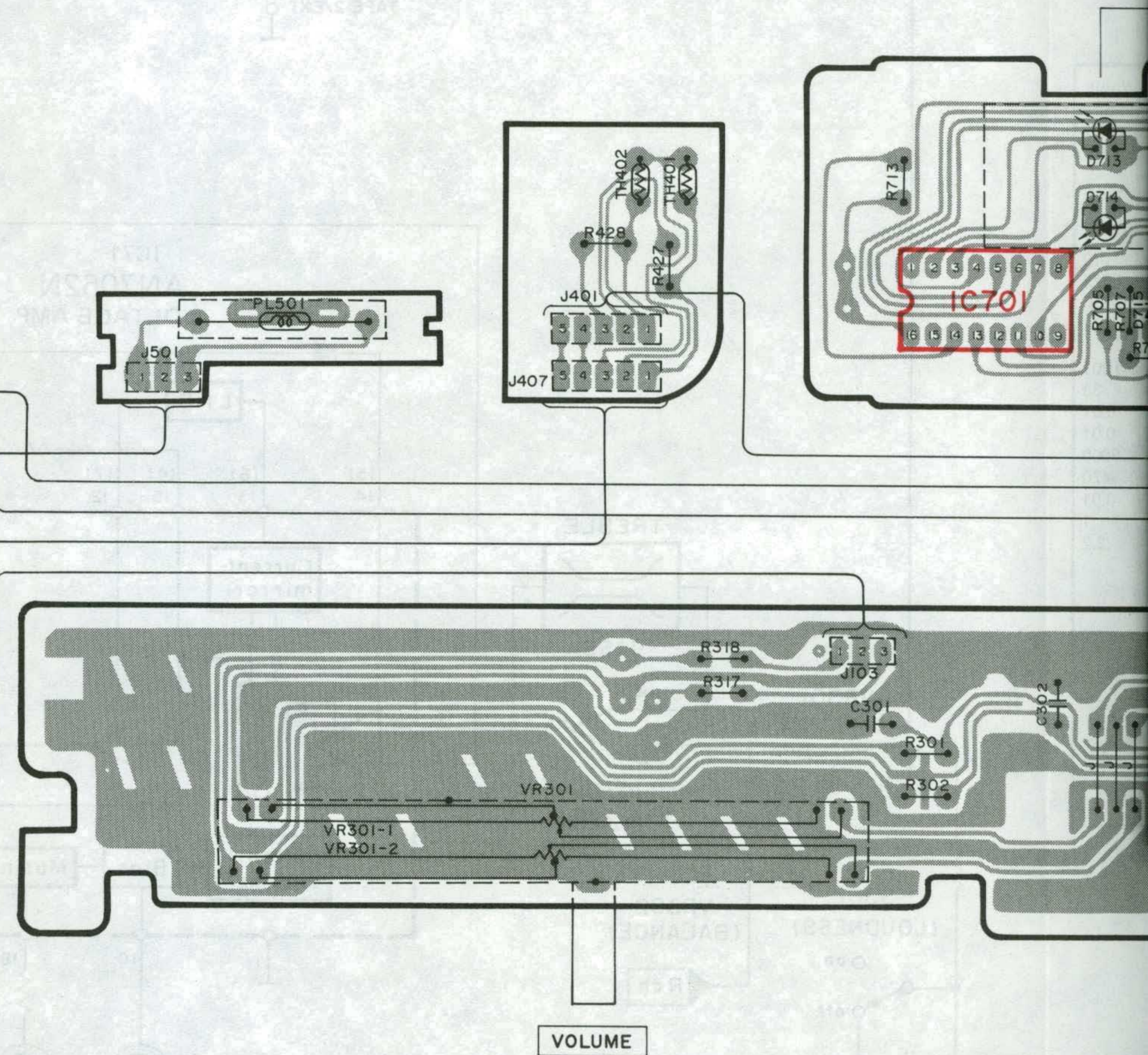
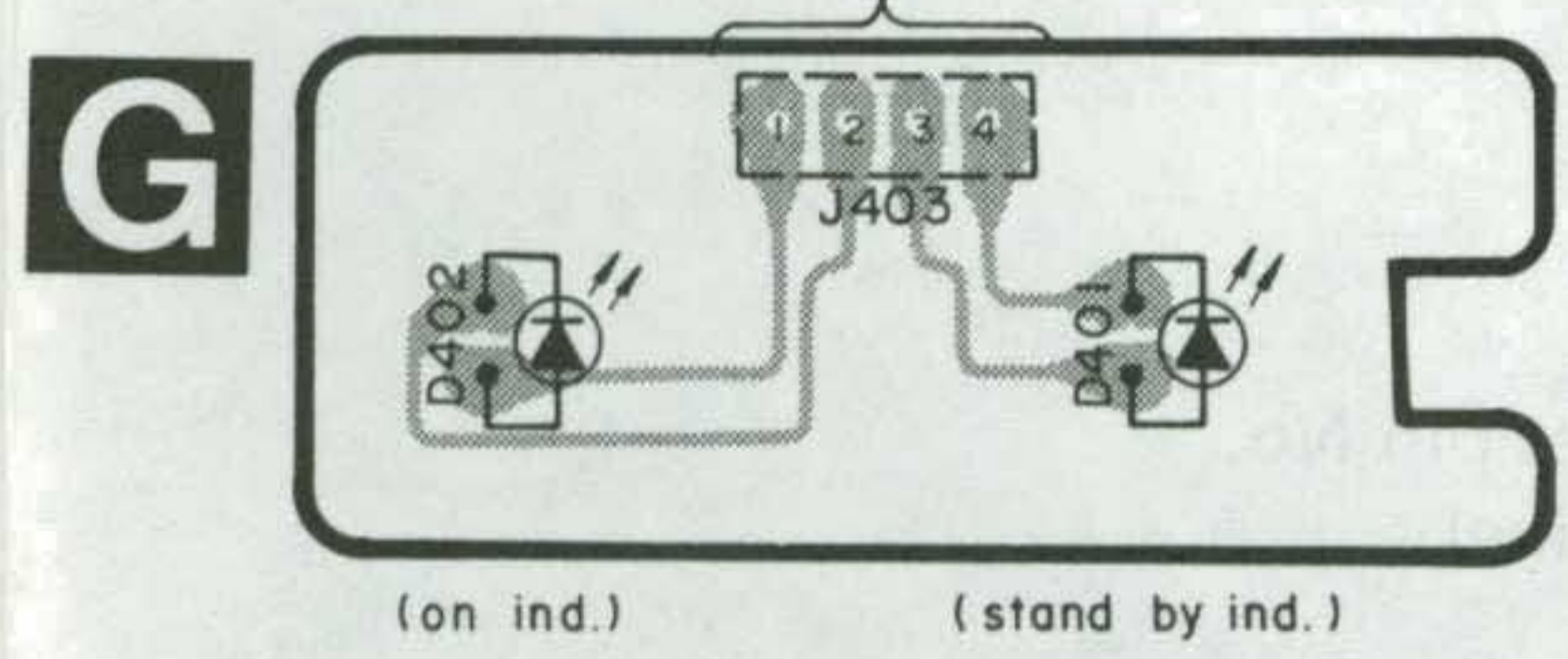
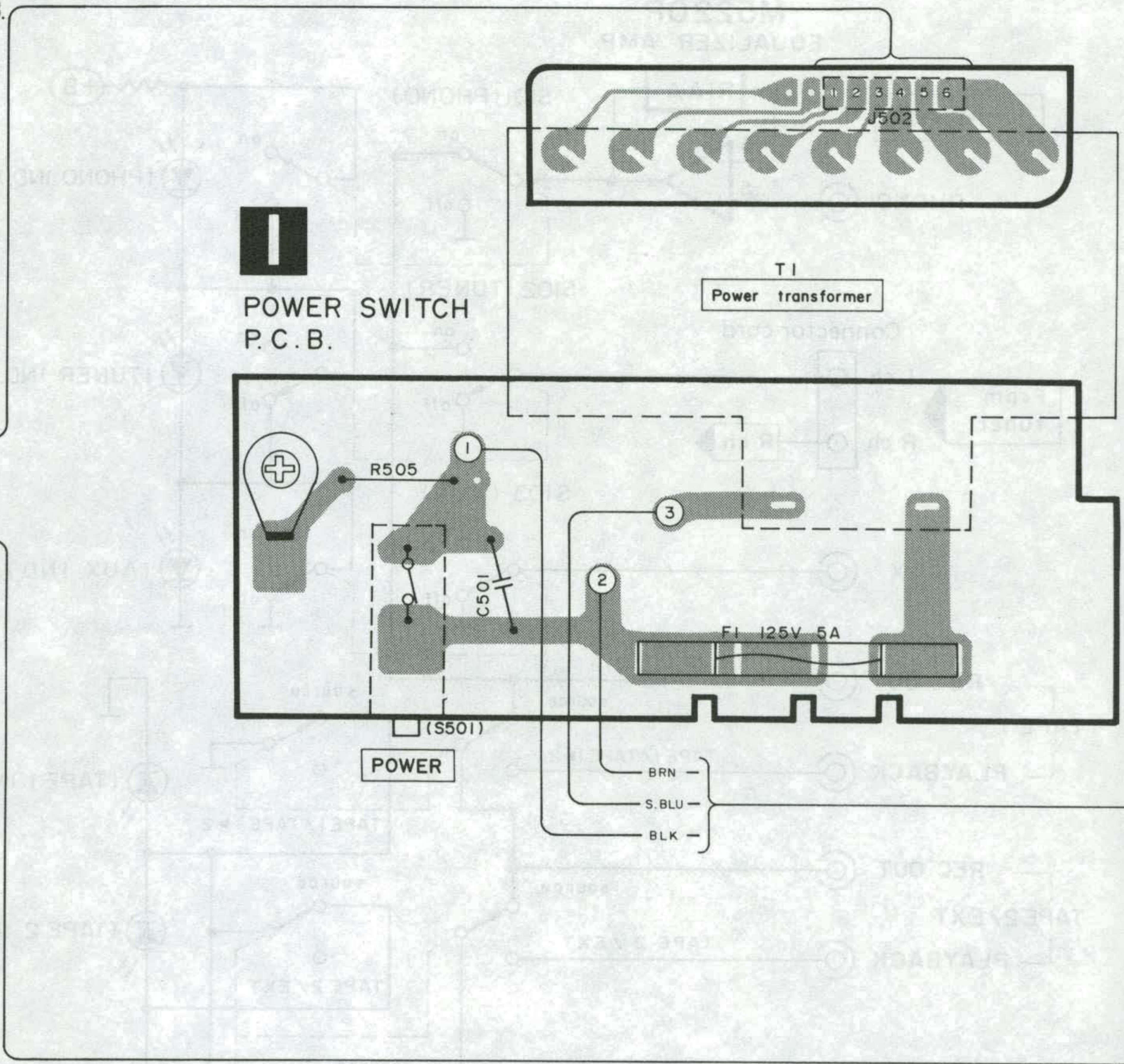


CIRCUIT BOARDS AND WIRING CONNECTION DIAGRAM

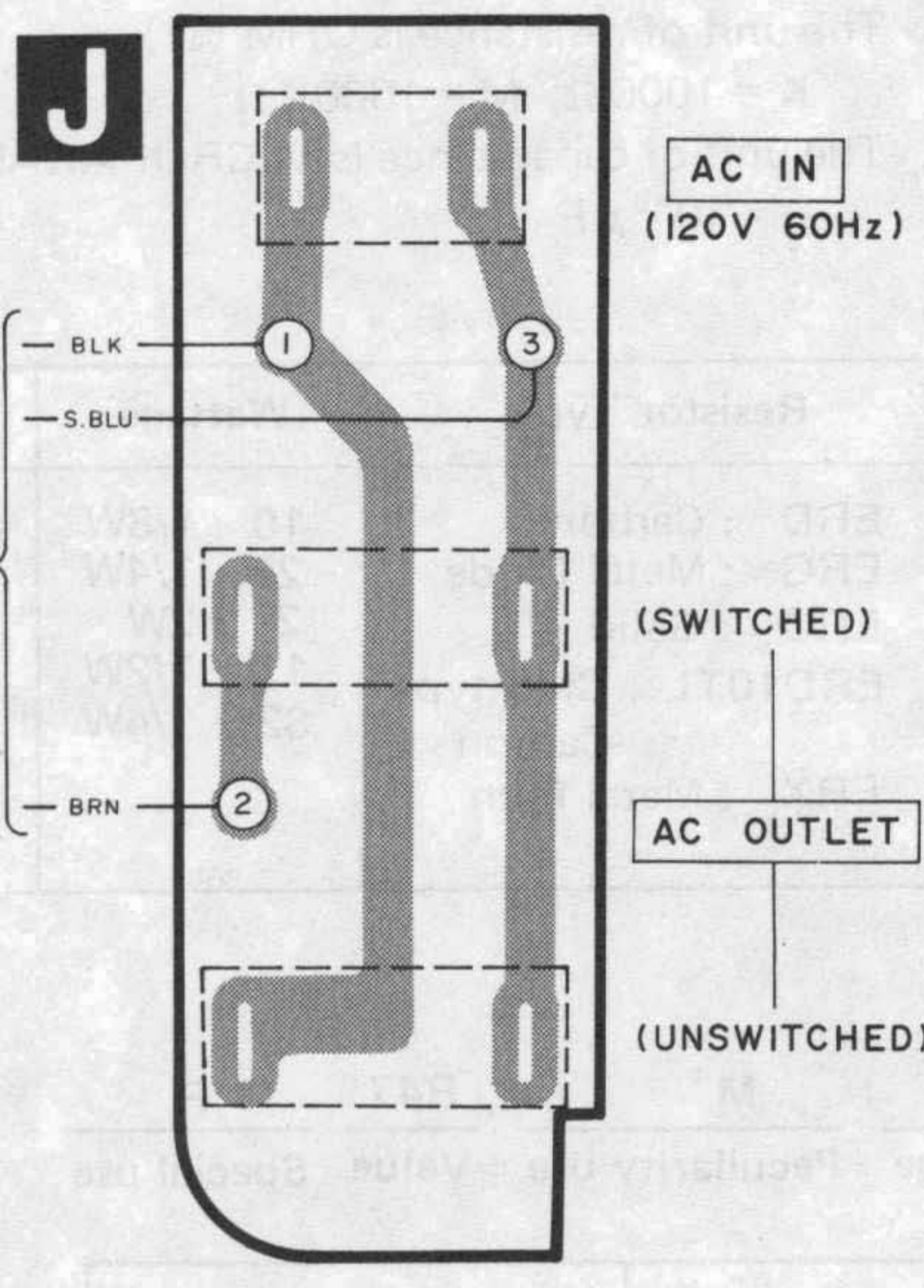
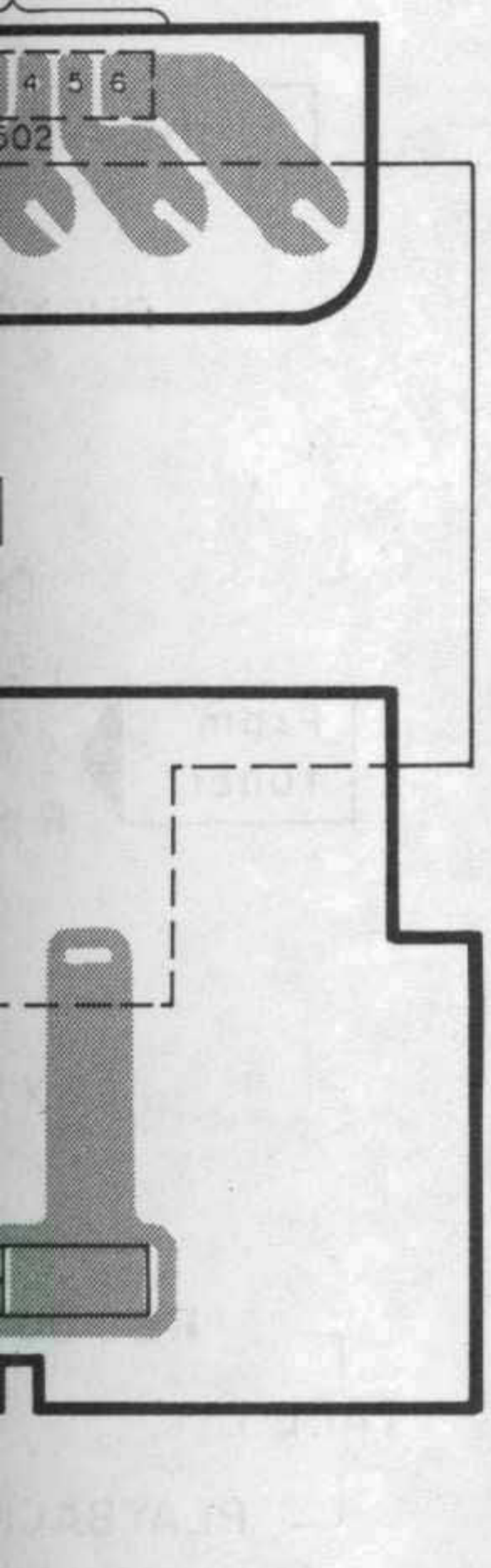




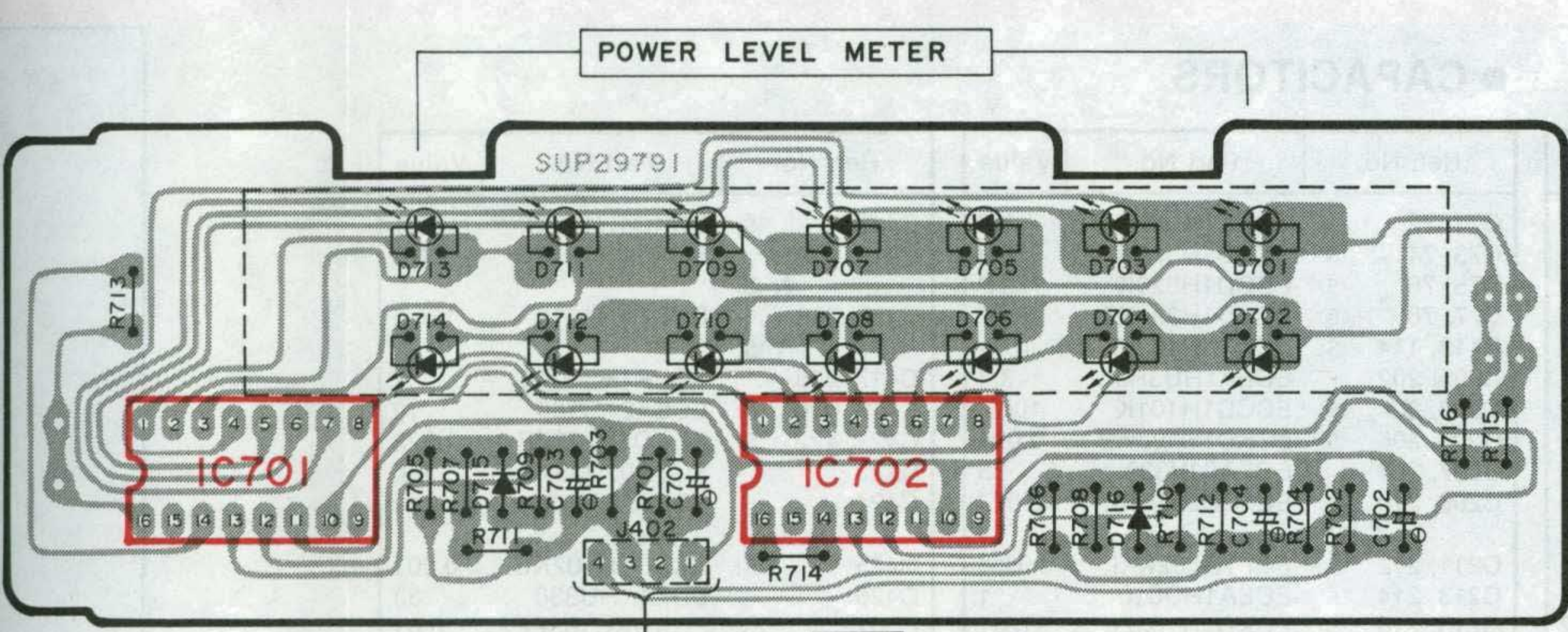
E POWER AMPLIFIER/
POWER SUPPLY P.C.B.



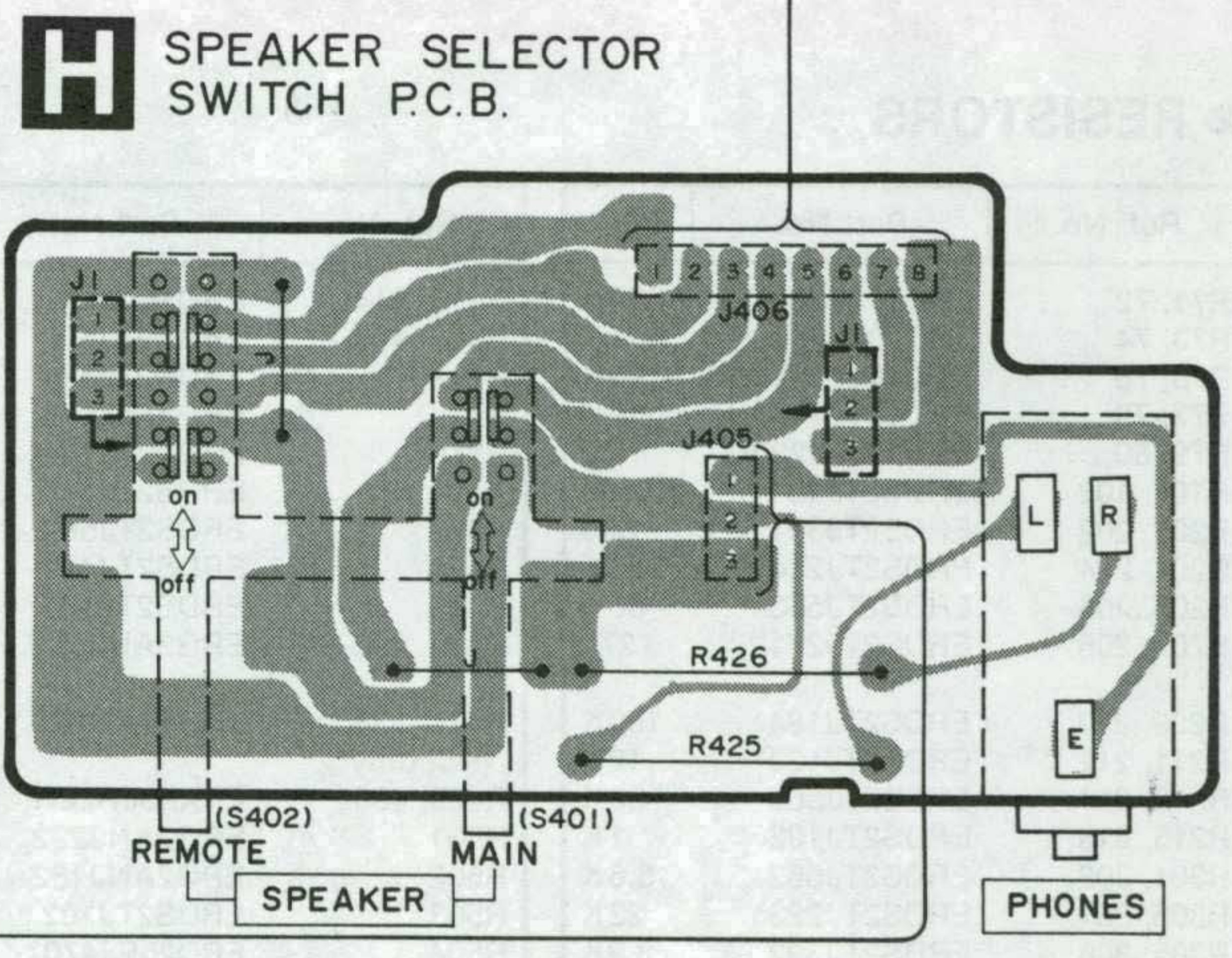
TERMINAL GUIDE OF TRANSISTORS, DIODES AND IC'S



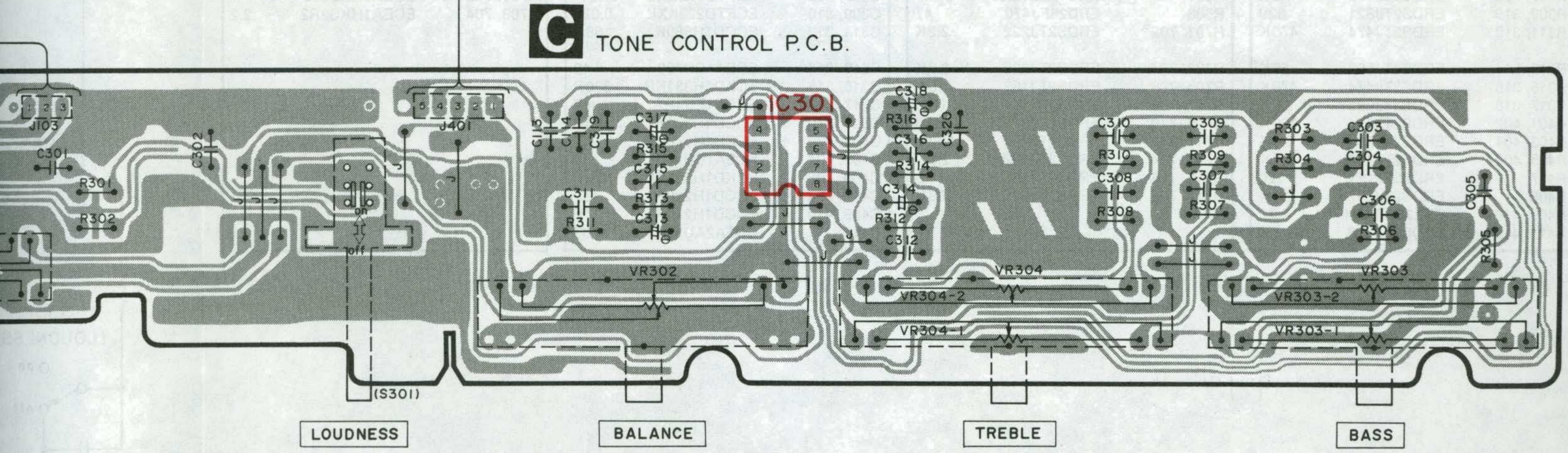
AN7062N 18PIN M5220P 8PIN M5218P 8PIN AN6882 16PIN		SVI2105 20PIN
2SA1123, 2SA992 2SC1685, 2SC2631 	LN864RCP LN464YCPU LN463YCPPUMS 	LN846RP LN446YP
MA182, MA167 	SVDS3V20 1SR35200 	MA4150M MA4075M
MA27W-A Red mark 		



D PEAK-POWER METERS P.C.B.



H SPEAKER SELECTOR SWITCH P.C.B.



C TONE CONTROL P.C.B.

LOUDNESS BALANCE TREBLE BASS

RESISTORS & CAPACITORS

- Notes:**
- Part numbers are indicated on most mechanical parts. Please use this part number for parts orders.
 - Important safety notice: Components identified by Δ mark have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.

- The "S" mark is service standard parts and may differ from production parts.
- The unit of resistance is OHM (Ω).
K = 1000 Ω , M = 1000K Ω
- The unit of capacitance is MICROFARAD (μ F).
P = 10⁻⁶ μ F

Numbering System of Resistor

Example

ERD	25	F	J	101
Type	Wattage	Shape	Tolerance	Value
ERG	1	AN	J	2R2
Type	Wattage	Shape	Tolerance	Value

Numbering System of Capacitor

Example

ECKD	1H	103	Z	F	ECEA	50	M	R47	R
Type	Voltage	Value	Tolerance	Peculiarity	Type	Voltage	Peculiarity use	Value	Special use

Resistor Type	Wattage	Tolerance
ERD : Carbon	10 : 1/8W	J : \pm 5%
ERG : Metal Oxide	25 : 1/4W	K : \pm 10%
ERC : Solid	2 : 2W	
ERD10TL : Chip type Carbon	12 : 1/2W	
ERX : Metal Film	S2 : 1/4W	

Capacitor Type	Voltage		Tolerance
	ECEA Type	Others	
ECE : Electrolytic	0J : 6.3V	1H : 50V DC	C : \pm 0.25pF
ECEA...N : Non Polar Electrolytic	1C : 16V	KC : 125V AC	K : \pm 10%
ECCD : Ceramic	1E : 25V	2H : 500V DC	Z : +80%, -20%
ECKD : Ceramic	1H : 50V	D : 25V DC	P : +100%, -0%
ECQM : Polyester	2A : 100V		
ECFT : Semiconductor Ceramic	66V : 66V		

RESISTORS

Ref. No.	Part No.	Value
R71, 72	ERD10TLJ334U	330K
R73, 74	ERD10TLJ102U	1K
R75, 76	ERD10TLJ124U	120K
R77, 78	ERD10TLJ103U	10K
R79, 80	ERD10TLJ220U	22
R101, 102	ERDS2TJ181	180
R201, 202	ERDS2TJ391	390
R203, 204	ERDS2TJ224	220K
R205, 206	ERDS2TJ563	56K
R207, 208	ERDS2TJ271	270
R209, 210	ERDS2TJ184	180K
R211, 212	ERDS2TJ123	12K
R213, 214	ERDS2TJ563	56K
R215, 216	ERDS2TJ102	1K
R301, 302	ERDS2TJ562	5.6K
R303, 304	ERDS2TJ223	22K
R305, 306	ERDS2TJ392	3.9K
R307, 308	ERDS2TJ182	1.8K
R309, 310	ERDS2TJ821	820
R311, 312	ERDS2TJ474	470K
R313, 314	ERDS2TJ563	56K
R315, 316	ERDS2TJ474	470K
R317, 318	ERDS2TJ222	2.2K
R401, 402	ERDS2TJ124	120K
R403, 404	ERDS2TJ392	3.9K
R405, 406	ERDS2TJ102	1K
R407	Δ ERD25FJ121	120
R408	ERDS2TJ392	3.9K
R409, 410	ERX2SJR22H	0.22
R411, 412	Δ ERDS2TJ472	4.7K

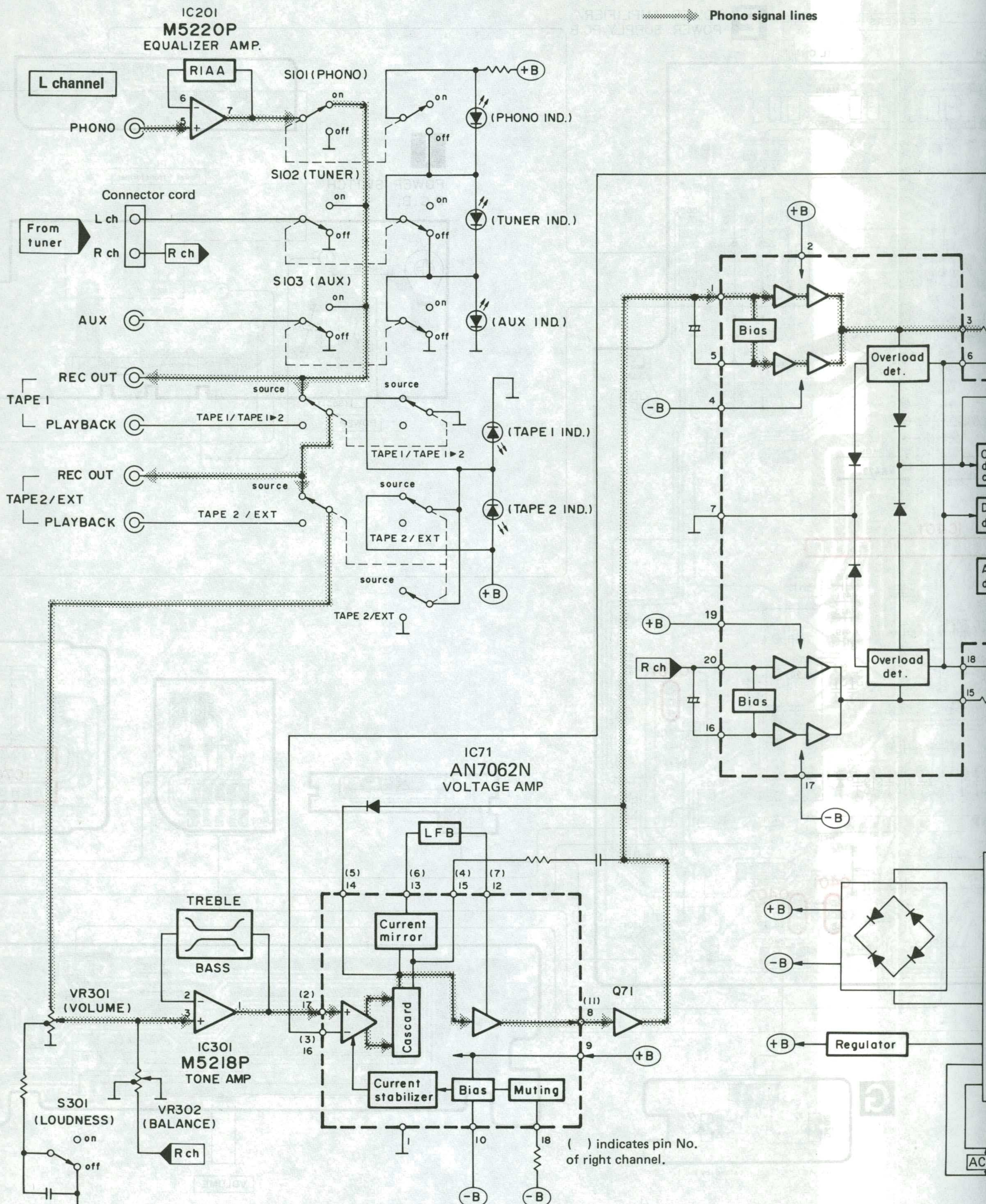
Ref. No.	Part No.	Value
R413, 414	ERDS2TJ562	5.6K
R415, 416	ERDS2TJ100	10
R417	Δ ERDS2TJ824	820K
R418	Δ ERG2ANJ122	1.2K
R419	ERDS2TJ221	220
R420	ERDS2TJ123	12K
R421	ERDS2TJ562	5.6K
R422	ERDS2TJ472	4.7K
R423	ERDS2TJ181	180
R425, 426	ERG2ANJ331	330
R427, 428	ERDS2TJ392	3.9K
[MC] only		
R429, 430	ERX2SJR22H	0.22
R501	Δ ERG2ANJ222	2.2K
R502	Δ ERG2ANJ182	1.8K
R503	ERDS2TJ102	1K
R504	ERD25FJ470	47
R505	Δ ERC12ZGK335	3.3M
R506	ERD25FJ470	47
R701, 702	ERDS2TJ222	2.2K
R703, 704	ERDS2TJ222	2.2K
R705, 706	ERDS2TJ153	15K
R707, 708	ERDS2TJ104	100K
R709, 710	ERDS2TJ391	390
R711, 712	ERDS2TJ224	220K
R713, 714	ERDS2TJ222	2.2K
R715, 716	ERDS2TJ180	18
R717, 718	ERDS2TJ393	39K

CAPACITORS

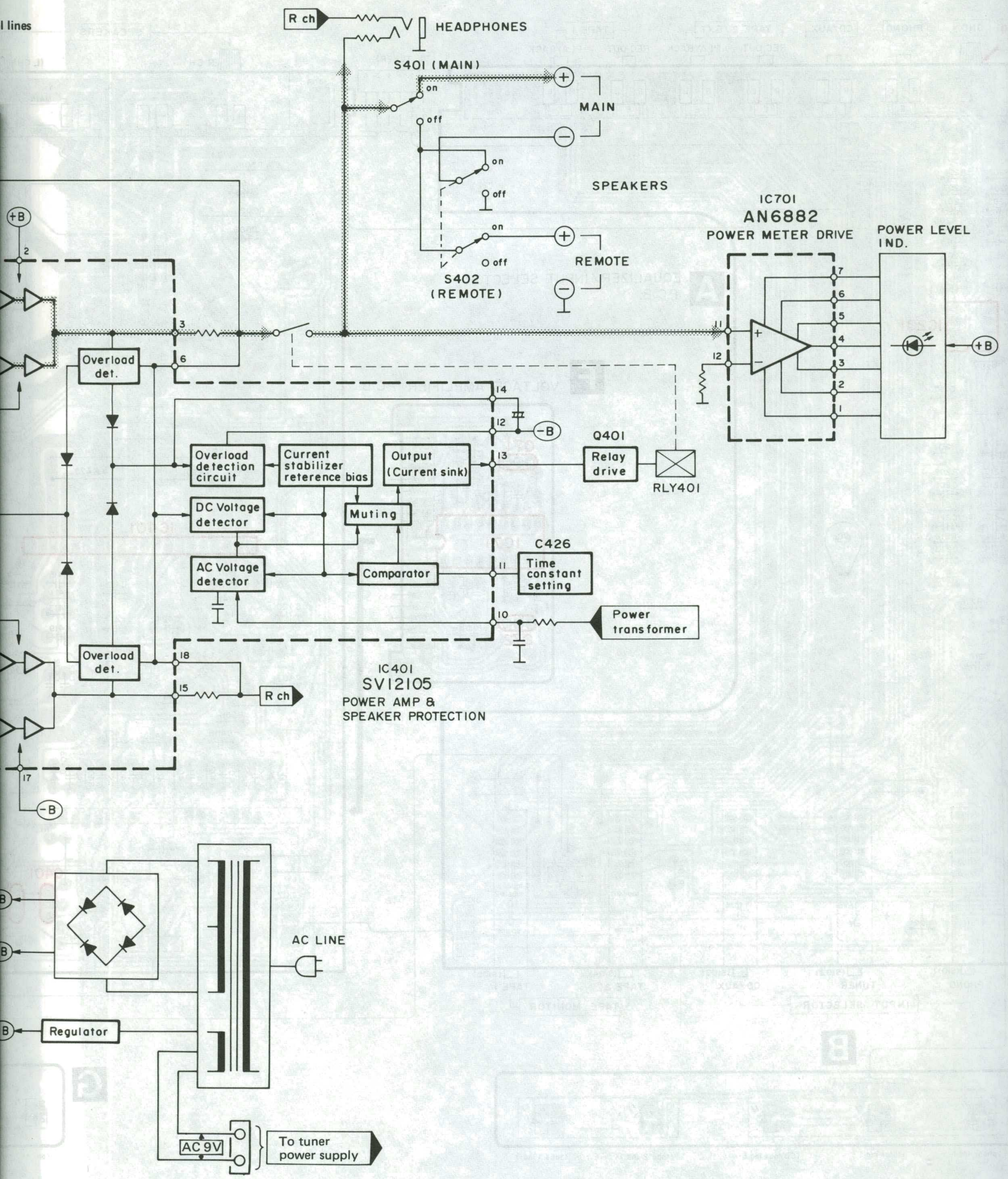
Ref. No.	Part No.	Value
C71, 72	ECEA1HU3R3	3.3
C73, 74	Δ ECCD1H390K	39P
C75, 76	Δ ECCD1H820K	82P
C77, 78	Δ ECKD1H391KB	390P
C113, 114	Δ ECKD1H103ZF	0.01
C201, 202	ECEA1HU3R3	3.3
C203, 204	Δ ECCD1H101K	100P
C205, 206	Δ ECKD1H102KB	0.001
C207, 208	ECEA0JU330	33
C209, 210	ECFTD223KXL	0.022
C211, 212	ECFTD682KXL	0.0068
C213, 214	ECEA1HU010	1
C215, 216	Δ ECKD1H103ZF	0.01
C217, 218	ECEA1EU100	10
C301, 302	ECFTD563KXL	0.056
C303, 304	ECFTD123KXL	0.012
C305, 306	ECFTD683KXL	0.068
C307, 308	ECFTD472KXL	0.0047
C309, 310	ECFTD223KXL	0.022
C311, 312	Δ ECCD1H560K	56P
C313, 314	ECEA1CU100	10
C315, 316	Δ ECKD1H331KB	330P
C317, 318	ECEA1EU4R7	4.7
C319, 320	Δ ECCD1H101K	100P
C401, 402	Δ ECCD1H070CC	7P
C403, 404	ECEA1CU100	10
C405, 406	Δ ECKD1H821KB	820P
C407, 408	Δ ECCD1H220K	22P
C409, 410	Δ ECCD1H270K	27P
C411	ECEA2AU330	33

Ref. No.	Part No.	Value
C412	Δ ECKD1H103ZF	0.01
C413, 414	Δ ECCD1H101K	100P
C415, 416	Δ ECCD1H101K	100P
C417, 418	Δ ECEA1HN010S	1
C419, 420	ECEA2AU100	10
C421, 422	Δ ECKD1H223ZF	0.022
C423	ECEA0JU331	330
C424	ECEA2AU100	10
C425	Δ ECKD1H102KB	0.001
C426	ECEA1HU330	33
C501	Δ ECKDKC103PF2	0.01
C502	Δ ECKD2H103PE	0.01
C503, 504	Δ ECES66V802U	8000
C505	ECEA1CU471	470
C506	Δ ECKD1H103ZF	0.01
C701, 702	ECEA1HKS010	1
C703, 704	ECEA1HKS2R2	2.2

BLOCK DIAGRAM

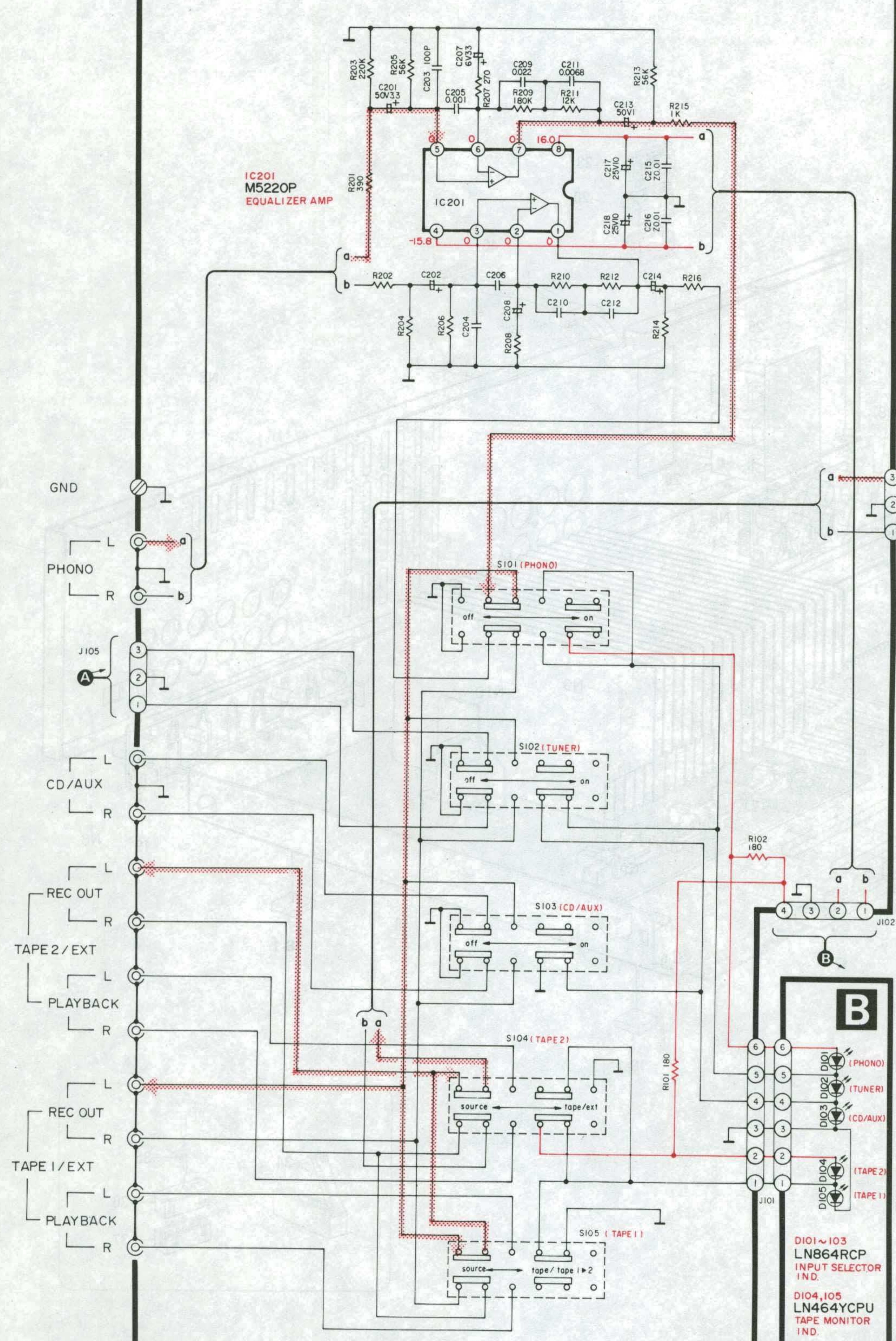


l lines

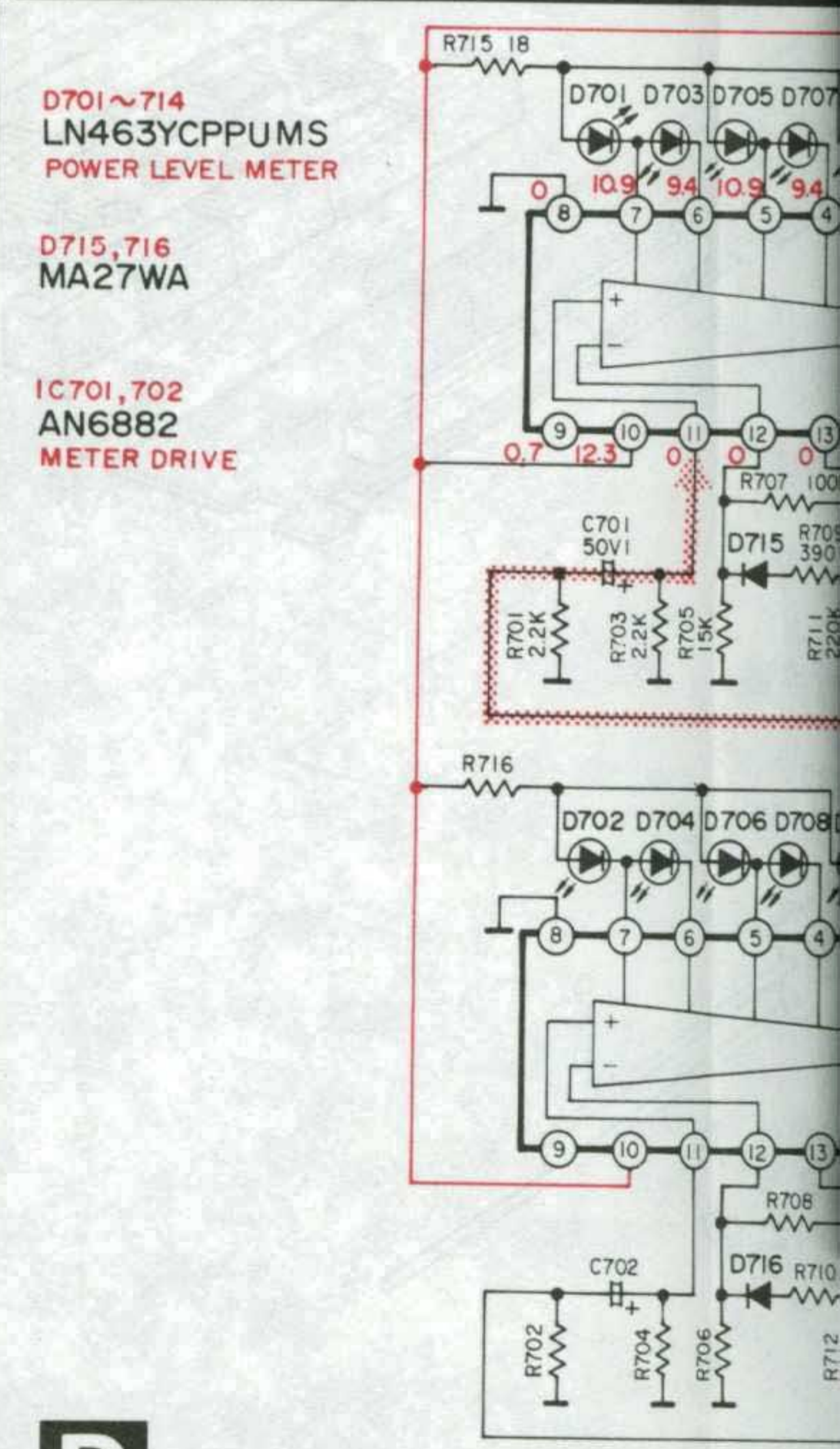
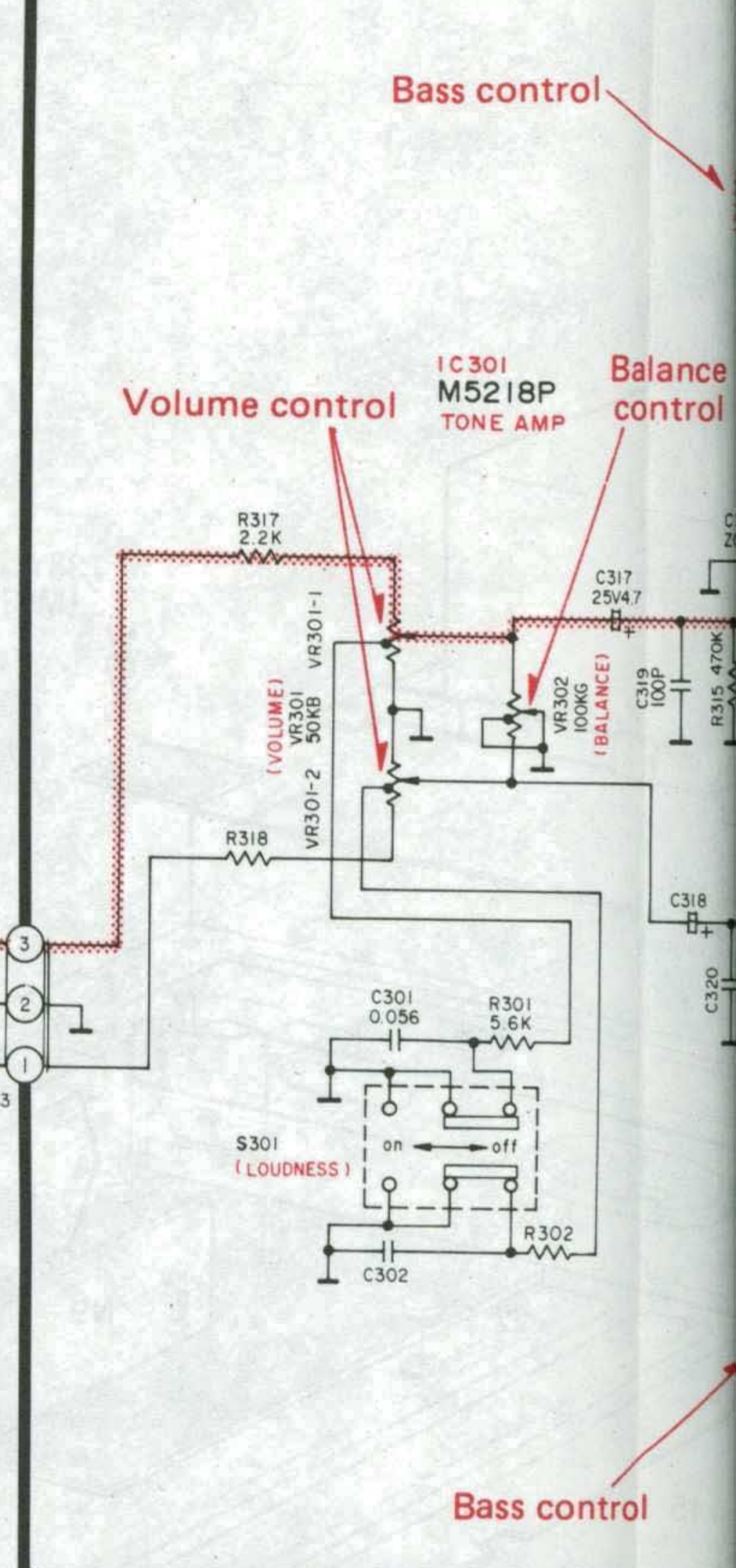


A
B
C
D
E
F

A EQUALIZER/INPUT SELECTOR CIRCUIT

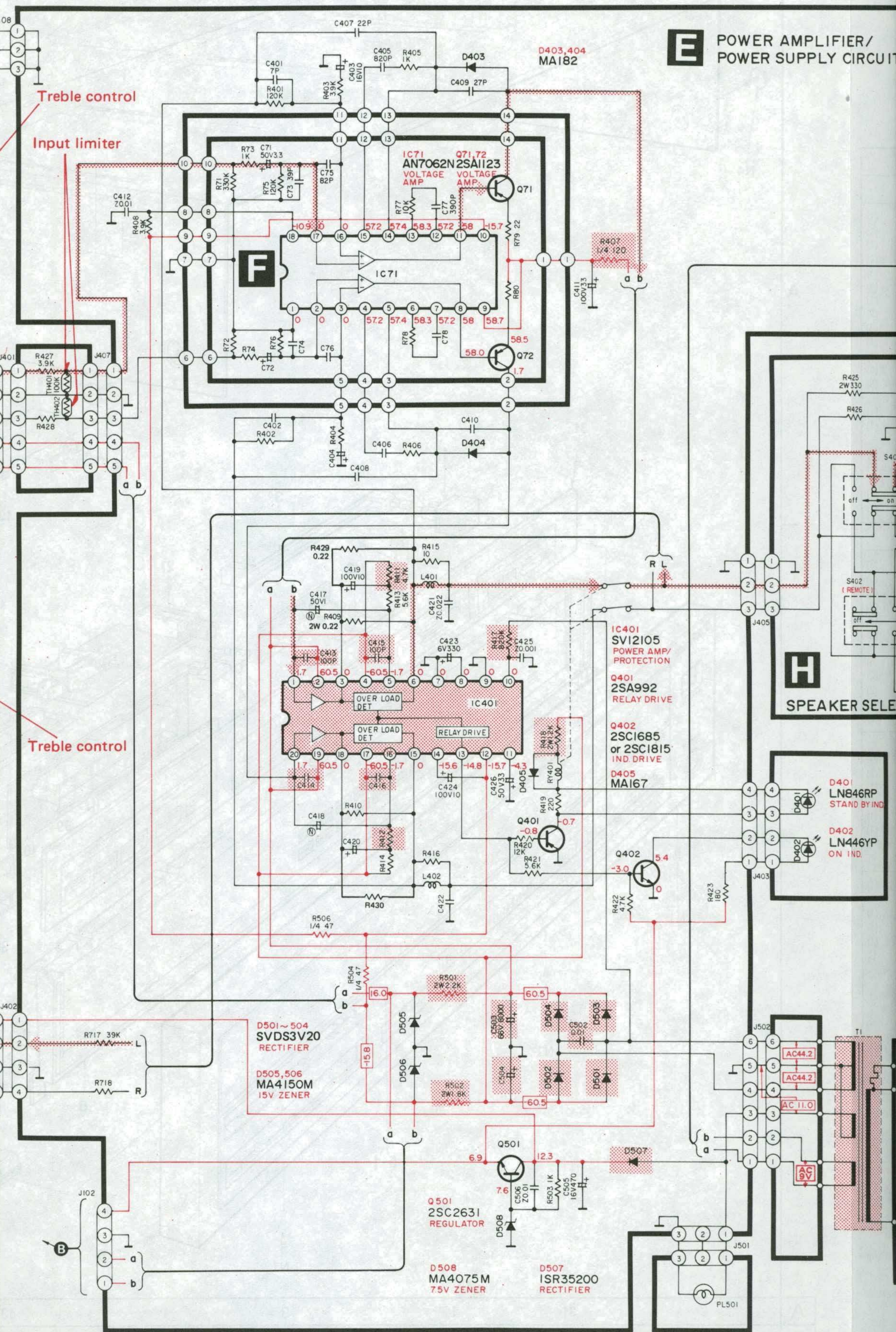
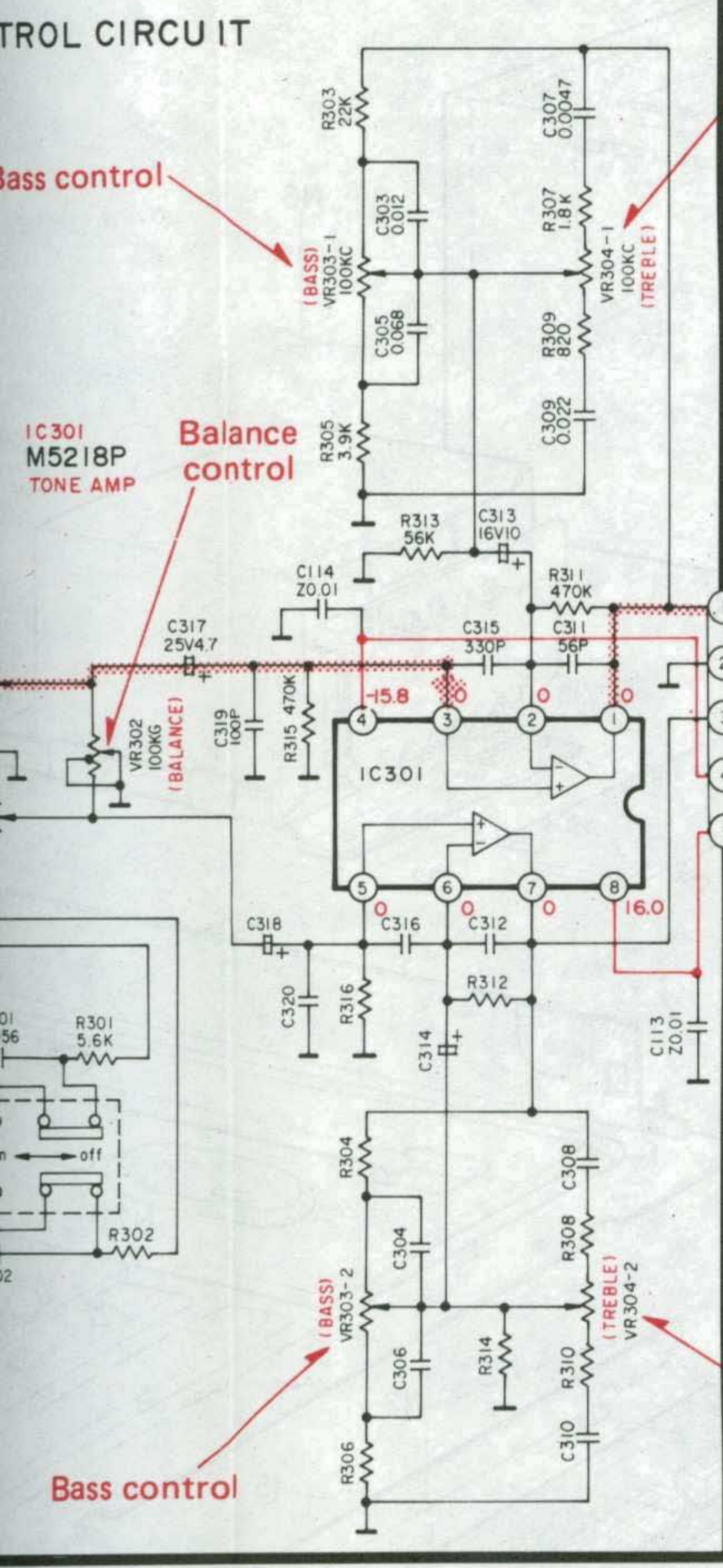


C TONE CONTROL CIRCUIT



D PEAK-POWER METERS CIRCUIT

E POWER AMPLIFIER/
POWER SUPPLY CIRCUIT



SCHEMATIC DIAGRAM

(This schematic diagram may be modified at any time with the development of new technology.)

- The part No. of transistors, IC and diodes mentioned in the schematic diagram stand for production part No. Regarding the part No. with \star mark, the production part No. are different from the replacement part No. Therefore, when placing an order for replacement part, please use the part No. in the replacement part list.

Notes:

1. **S101 ~ S103** : Input selector switch in "phono" position. (S101: phono S102: tuner S103: CD/aux)
2. **S104** : Tape monitor (tape2) switch in "source" position. (\blacksquare source, \blacktriangleleft tape 2/ext)
3. **S105** : Tape monitor (tape1) switch in "source" position. (\blacksquare source, \blacktriangleleft tape1/1 \blacktriangleright 2)
4. **S301** : Loudness switch in "off" position. (\blacksquare off, \blacktriangleleft on)
5. **S401** : Main speaker selector switch in "on" position. (\blacksquare off, \blacktriangleleft on)
6. **S402** : Remote speaker selector switch in "on" position. (\blacksquare off, \blacktriangleleft on)
7. **S501** : Power source switch in "on" position. (\blacksquare off, \blacktriangleleft on)
8. Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.
9. $\color{red}\dashrightarrow$ Phono signal lines (L channel)
10. $\color{red}\text{---}$ Positive (+B) voltage lines or negative (-B) voltage lines.

IMPORTANT SAFETY NOTICE

The shaded area on this schematic diagram incorporates special features important for protection from fire and electrical shock hazards.

When servicing it is essential that only manufacturer's specified parts be used for the critical components in the shaded areas of the schematic.

FUSE CAUTION

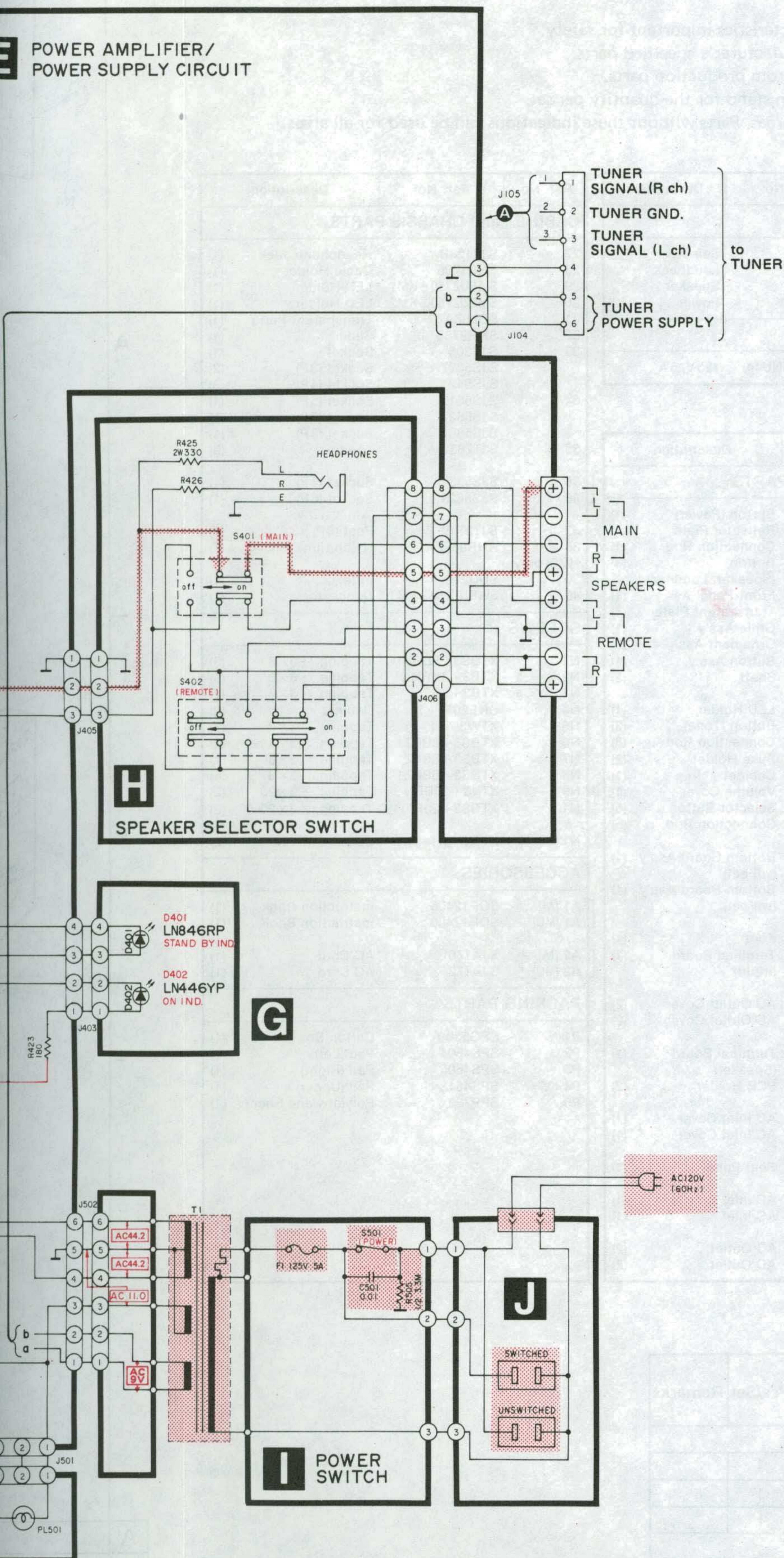
\blacksquare This symbol located near the fuse indicates that the fuse used is fast operating type. For continued protection against fire hazard, replace with same type fuse. For fuse rating, refer to the marking adjacent to the symbol.

\blacksquare Ce symbole indique que le fusible utilisé est à rapide. Pour une protection permanente, n'utiliser que des fusibles de même type. Ce dernier est indiqué là où le présent symbole est apposé.

* Caution!

IC and LSI are sensitive to static electricity. Secondary trouble can be prevented by taking care during repair.

- * Cover the parts boxes made of plastics with aluminum foil.
- * Ground the soldering iron.
- * Put a conductive mat on the work table.
- * Do not touch the legs of IC or LSI with the fingers directly.



REPLACEMENT PARTS LIST

- Notes:**
1. Part numbers are indicated on most mechanical parts. Please use this part number for parts orders.
 2. Important safety notice:
Components identified by Δ mark have special characteristics important for safety.
When replacing any of these components use only manufacturer's specified parts.
 3. The "S" mark is service standard parts and may differ from production parts.
 4. The parenthesized numbers in the column of description stand for the quantity per set.
 5. Bracketed indications in Ref. No. columns specify the areas. Parts without these indications can be used for all areas.

Ref. No.	Part No.	Description
INTEGRATED CIRCUITS		
IC71	AN7062N	Integrated Circuit
IC201	M5220P	Integrated Circuit
IC301	M5218P	Integrated Circuit
IC401	Δ SVI2105	Integrated Circuit
IC701, 702	AN6882	Integrated Circuit
TRANSISTORS		
Q71, 72	2SA1123-R	Transistor
Q401	2SA992E	Transistor
Q402	2SC1685-QNC	Transistor
Q501	2SC2631-R	Transistor
DIODES		
D101~103	LN864RCP	LED
D104, 105	LN464YCPU	LED
D401	LN846RP	LED
D402	LN446YP	LED
D403, 404	MA182	Diode
D405	MA167	Diode
D501~504	Δ SVDS3V20	Rectifier
D505, 506	MA4150M	Diode
D507	Δ 1SR35200	Diode
D508	MA4075M	Diode
D701~714	LN463YCPPUMS	LED
D715, 716	MA27W-A	Diode
COILS		
L401, 402	SLQY07G-30	Choke
TRANSFORMERS		
T1 [M]	Δ SLT5P240	Transformer
T1 [MC]	Δ SLT5P241	Transformer
VARIABLE RESISTORS		
VR301	EWAQA8X05B54	Variable Resistor
VR302	EWANF5X05G15	Variable Resistor
VR303, 304	EWANA6X05C15	Variable Resistor
THERMISTERS		
TH401, 402	ERTD2ZHL104S	Thermister
RELAY		
RY401	SSY126	Relay
LAMP		
PL501	XAMS6Q8C	Lamp

Ref. No.	Part No.	Description
SWITCHES		
S101~105	SSH564	Selector
S301	SSH1159	Loudness
S401, 402	SSH2094	Speaker
S501	Δ ESB8216V	Power
FUSE		
F1	Δ XBA1F50NU14	125V, 5A

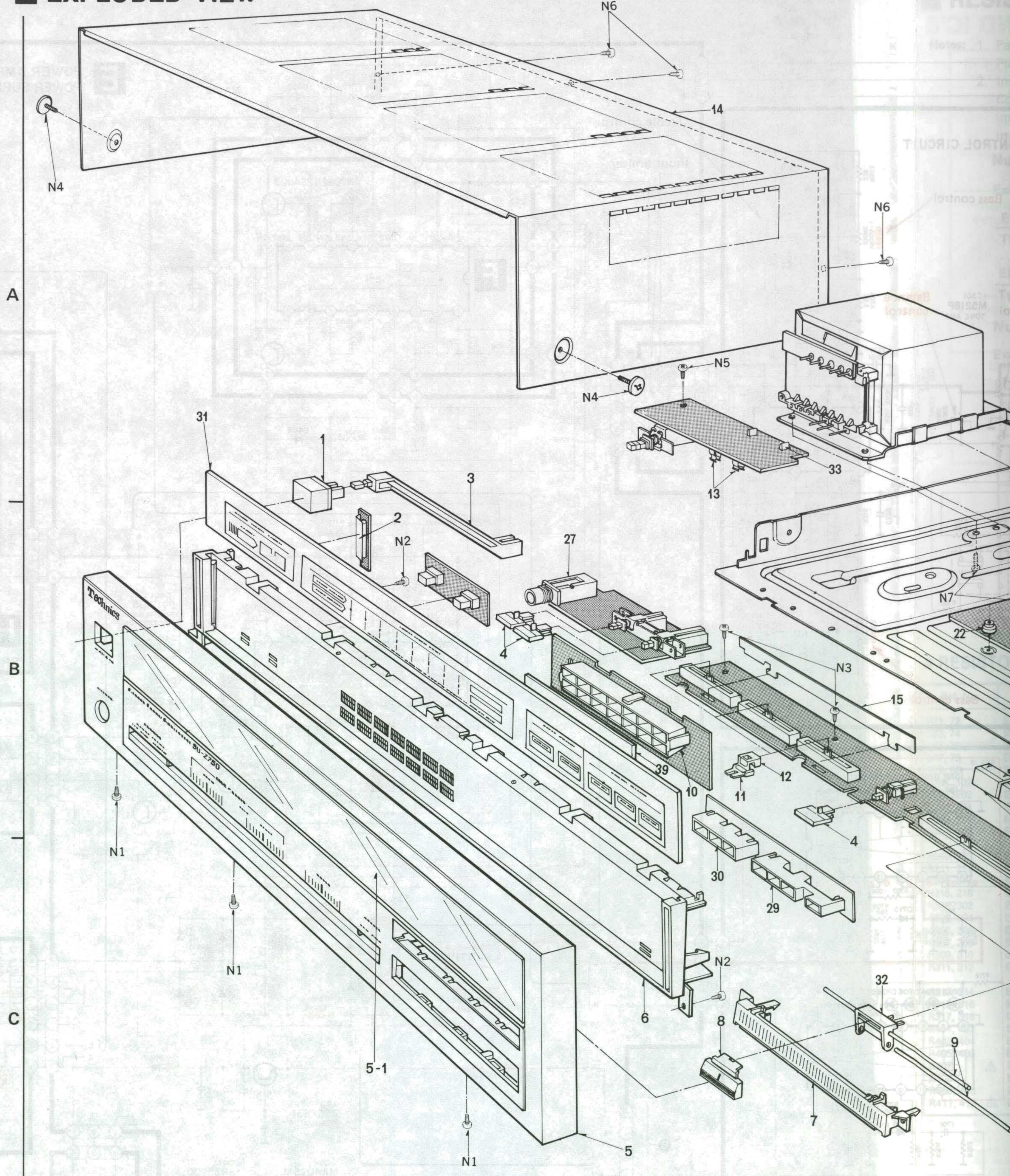
Ref. No.	Part No.	Description
CABINET and CHASSIS PARTS		
1	SBC666	Button (Power) (1)
2	SMZ317-1	Reflector Plate (1)
3	SUB233	Connection Rod (1)
4	SBC723	Button (3)
5	SGYUZ750-KM	Front Panel Ass'y (1)
5-1	(SGU456	Transparent Plate (1)
6	SGXUZ950-KM	Grille Ass'y (1)
7	SGXUZ150-KE	Ornament Ass'y (1)
8	SXE1108	Button Ass'y (1)
9	SUH609	Shaft (2)
10	SMP391-1	LED Holder (1)
11	SBD79-1	Button (Tone) (3)
12	SHR9770	Connection Rod (3)
13	SJT389	Fuse Holder (2)
14	SKC1760K991	Cabinet (1)
15	SHR5299-6	Volume Cover (1)
16	SBC722	Selector Button (5)
17	SUB228	Connection Rod (5)
18 [M]	SKUUZ950-KM	Bottom Board Ass'y (w/Feet) (1)
18 [MC]	SKUUZ950-KC	Bottom Board Ass'y (w/Feet) (1)
18-1	(SKL293	Foot (4)
19	SJF3062-3N	Terminal Board (Input) (1)
20 [M]	SJS9232A	AC Outlet Cover (2)
20 [MC]	SJS9233A	AC Outlet Cover (2)
21	SJF4818	Terminal Board (Speaker) (1)
22	SHE187	PCB Holder (2)
23 [M]	SJS9231A	AC Inlet Cover (1)
23 [MC]	SJS9234A	AC Inlet Cover (1)
24	SGP6560A	Rear Panel (1)
25 [M] Δ	SJS9231B	AC Inlet (1)
25 [MC] Δ	SJS9234B	AC Inlet (1)
26 [M] Δ	SJS9232B	AC Outlet (2)
26 [MC] Δ	SJS9233B	AC Outlet (2)

Ref. No.	Part No.	Description
CABINET and CHASSIS PARTS		
27	SJJ126B	Headphone Jack (1)
28	SGE1735	Cable Holder (1)
29	SMPUZ750-KM1	LED Holder (1)
30	SMPUZ750-KM2	LED Holder (1)
31	SDL88A	Transparent Plate (1)
32	SHR9765	Slider (1)
33	SJS305	Socket (1)
	SJS5327	Socket (3P) (2)
	SJS5421	Socket (4P) (3)
34	SJS5519	Socket (5P) (1)
	SJS5627	Socket (6P) (1)
	SJS5807	Socket (8P) (1)
	SJT783	Terminal (9)
36	SJS5331	Socket (3P) (1)
36	SJS5629	Socket (6P) (1)
37	SJT3319	Post (3P) (1)
38	RHR969ZA	Nylon Pin (1)
	[MC] only	
39	SDU279	Filter (1)
40	SWKUZ750-KM1	Connector (1)
SCREWS		
N1	XTBS3+8BFZ1	Tapping, $\oplus 3 \times 8$ (3)
N2	$\text{\textcircled{S}}$ XTBS3+8BFN	Tapping, $\oplus 3 \times 8$ (3)
N3	$\text{\textcircled{S}}$ XTBS3+8BFN	Tapping, $\oplus 3 \times 8$ (2)
N4	SNE2095-5	Cabinet (2)
N5	XTW3+8T	Tapping, $\oplus 3 \times 8$ (3)
N6	XTBS3+8BFZ1	Tapping, $\oplus 3 \times 8$ (3)
N7	XTBS3+8BFZ1	Tapping, $\oplus 3 \times 8$ (4)
N8	XTBS3+8BFZ1	Tapping, $\oplus 3 \times 8$ (6)
N9	XTV3+20BFN	Tapping, $\oplus 3 \times 20$ (2)
N10	XTBS3+20F1	Tapping, $\oplus 3 \times 20$ (2)
N11	XYN3+F14	Screw, $\oplus 3 \times 14$ (2)
ACCESSORIES		
A1 [M]	SQF12405	Instruction Book (1)
A1 [MC]	SQF12406	Instruction Book (1)
A2 [M] Δ	SJA170	AC Cord (1)
A2 [MC] Δ	SJA172	AC Cord (1)
PACKING PARTS		
P1	SPG5300	Carton Box (1)
P2	SPS4604	Pad (Left) (1)
P3	SPS4605	Pad (Right) (1)
P4	SPS4613	Pad (Upper) (1)
P5	SPP723	Polyethylene Sheet (1)

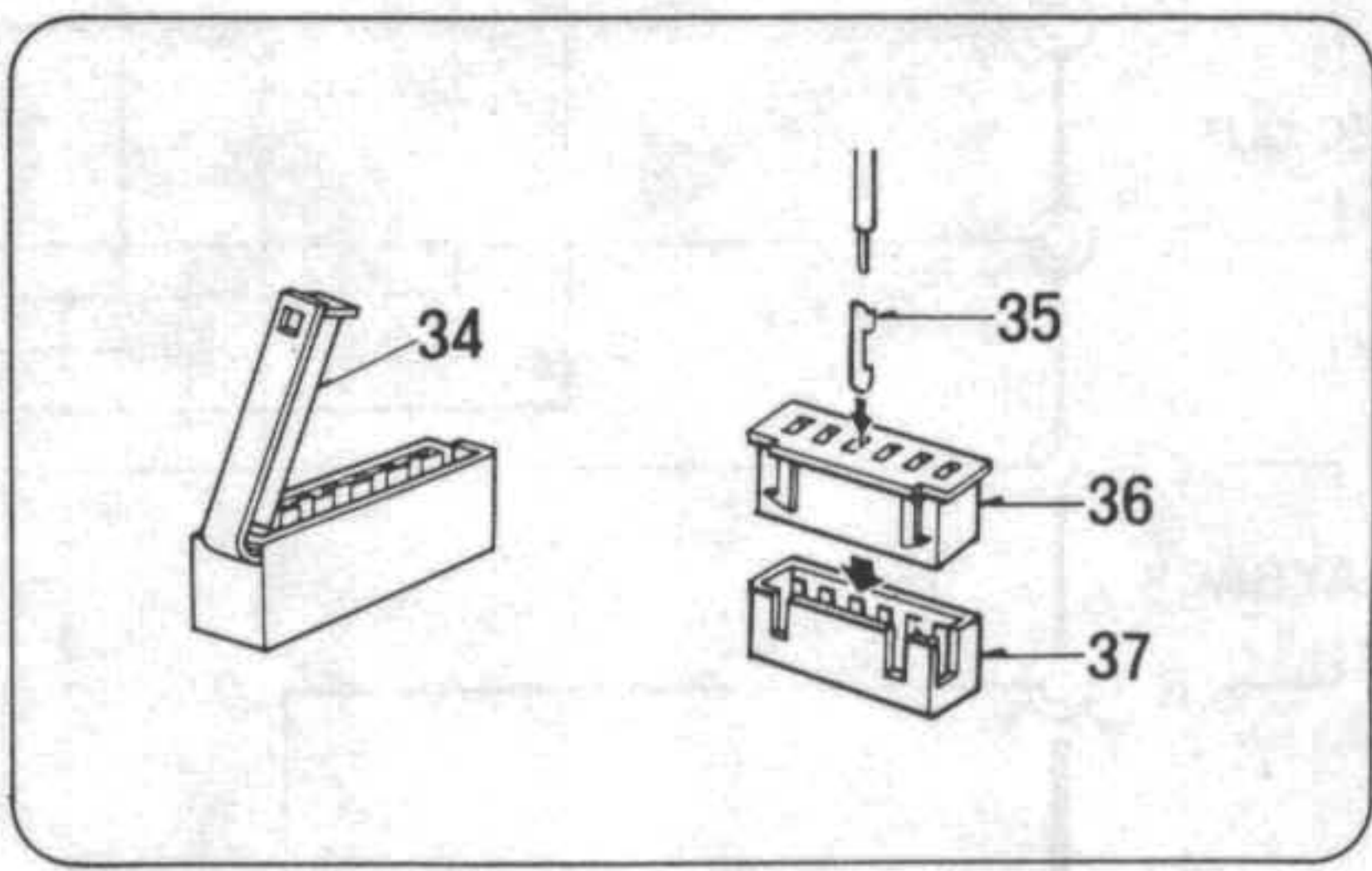
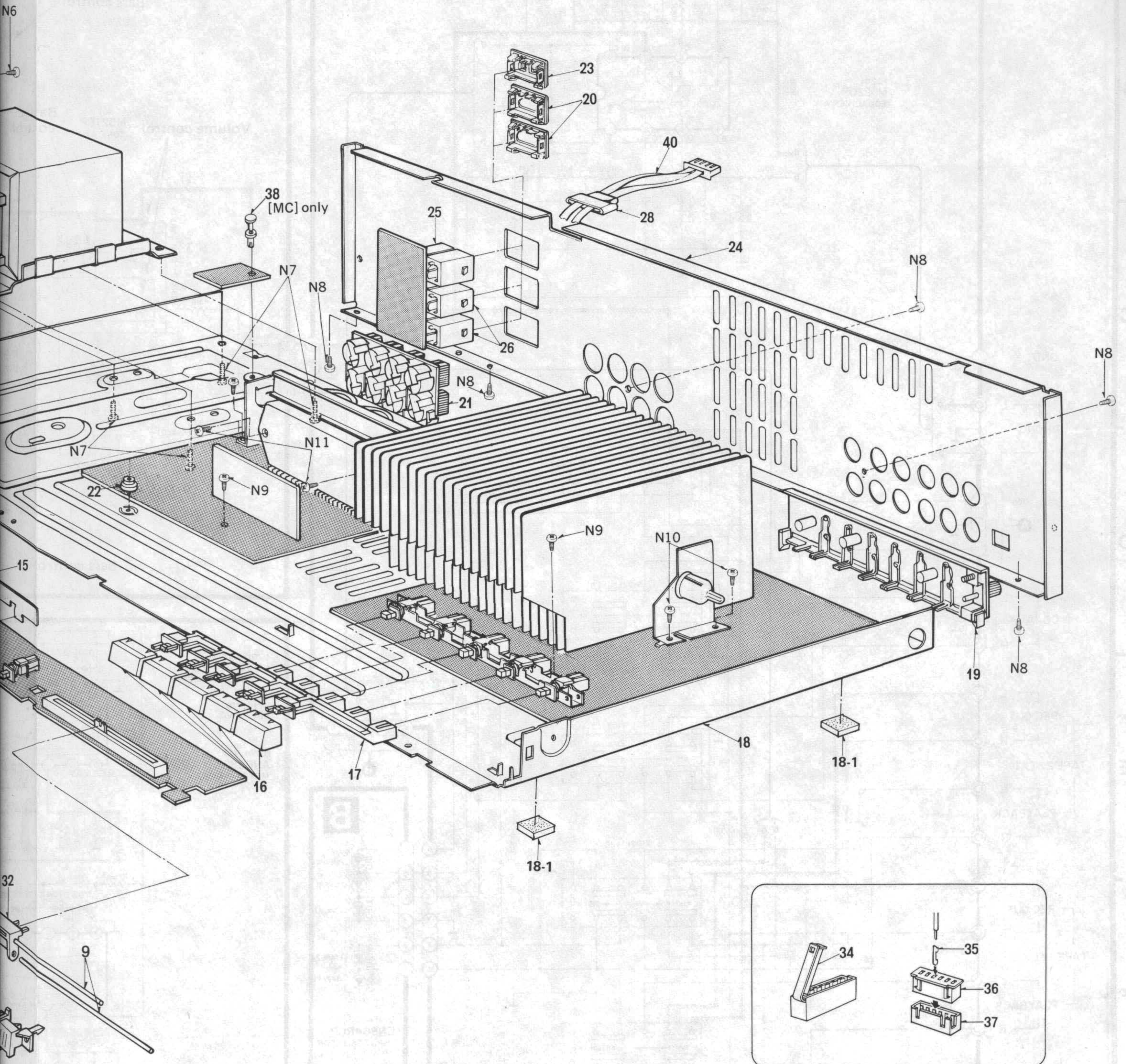
Change of Parts List (SU-Z950 from SU-Z750)

Ref. No.	Change of Parts No.		Part Name & Description	Pcs/Set	Remarks
	SU-Z750 [M, MC]	SU-Z950 [M, MC]			
CABINET and CHASSIS PARTS					
5	SGYUZ750-KM	SGYUZ950-KM	Front Panel Ass'y	1	
24	SGP6560A	SGP6560B	Rera Panel	1	
31	SDL88A	SDL88B	Transparent Plate	1	
PACKING PARTS					
P1	SPG5300	SPG5302	Carton Box	1	

EXPLODED VIEW



A	31	1	3					13 14		33				
B			2	4	27	39	10	11	12	4	15	22		
C		5-1		5	6	30	8	29	7	32	9			



15	22	38	25	23	20	28	40	24	
32	9	16	17	21	26	18-1	18	18-1 34	19
									35 36 37