

# Service Manual

Stereo Integrated Amplifier

## SU-Z15

[E],[EGA],[EK],[EF],[EB],  
[EH],[Ei],[XA],[XL]

## SU-Z15(K)

[E],[EGA],[EK],[EB],[EH],  
[Ei],[XA],

- \* The colors of this model include silver and black.
- \* The black type model is provided with (K) in the Service Manual.

### Areas

- \* [E] is available in Switzerland and Scandinavia.
- \* [EGA] is available in F.R. Germany.
- \* [EK] is available in United Kingdom.
- \* [EF] is available in France.
- \* [EB] is available in Belgium.
- \* [EH] is available in Holland.
- \* [Ei] is available in Italy.
- \* [XA] is available in Southeast Asia, Oceania, Africa, Middle Near East and Central South America.
- \* [XL] is available in Australia.

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

### (DIN 45 500)

#### ■ AMPLIFIER SECTION

1 kHz continuous power output both channels driven	2 × 20W (8Ω)
40 Hz~16 kHz continuous power output both channels driven	2 × 18W (8Ω)
Total harmonic distortion	
rated power at 1 kHz	0.8% (8Ω)
rated power at 40 Hz~16 kHz	0.8% (8Ω)
half power at 1 kHz	0.05% (8Ω)
Intermodulation distortion	
rated power at 250 Hz: 8 kHz=4:1, 8Ω	0.8%
rated power at 60 Hz: 7 kHz=4:1, SMPTE, 8Ω	0.8%
Power bandwidth	
both channels driven, 3 dB	15 Hz~30 kHz (8Ω)
Residual hum and noise	0.6 mV
Damping factor	40 (8Ω)
Input sensitivity and impedance	
PHONO	2.5 mV/47kΩ
TUNER, AUX	150 mV/22kΩ
TAPE	150 mV/22kΩ
PHONO maximum input voltage (1 kHz, RMS)	150 mV
S/N	
rated power (8Ω)	
PHONO	71 dB (IHF, A: 71 dB)
TUNER, AUX, TAPE	86 dB (IHF, A: 97 dB)
-26 dB power (8Ω)	
PHONO	65 dB
TUNER, AUX, TAPE	65 dB
50 mW power (8Ω)	
PHONO	65 dB
TUNER, AUX, TAPE	65 dB

#### Frequency response

PHONO	RIAA standard curve ±0.8 dB (30 Hz~15 kHz)
TUNER, AUX, TAPE	5 Hz~80 kHz (-3 dB)
Tone controls	
BASS	50 Hz, +10 dB~ -10 dB
MID	1 kHz, +10 dB~ -10 dB
TREBLE	20 kHz, +10 dB~ -10 dB
Loudness control (volume at -30 dB)	50 Hz, +9 dB
Output voltage and impedance	
REC OUT	150 mV
Channel balance, AUX 250 Hz~6,300 Hz	±1 dB
Channel separation, AUX 1 kHz	50 dB
Headphones output level and impedance	300 mV/330Ω
Load impedance	8Ω~16Ω

#### ■ GENERAL

Power consumption	115W
Power supply	AC 50Hz/60Hz, 240V (For United Kingdom and Australia) AC 50Hz/60Hz, 220V (For continental Europe) AC 50Hz/60Hz, 110V/120V/220V/240V (For others)
Dimensions (W×H×D)	430 × 86.5 × 214.5 mm (16-15/16" × 3-3/8" × 8-7/16")
Weight	3.3 kg (7.3 lb.)

#### Note:

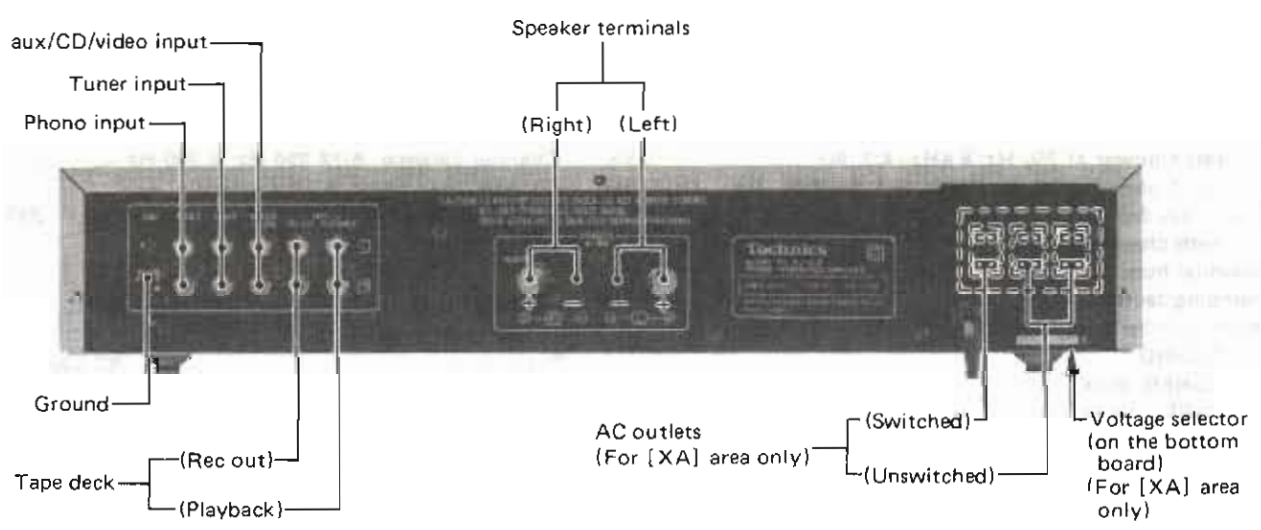
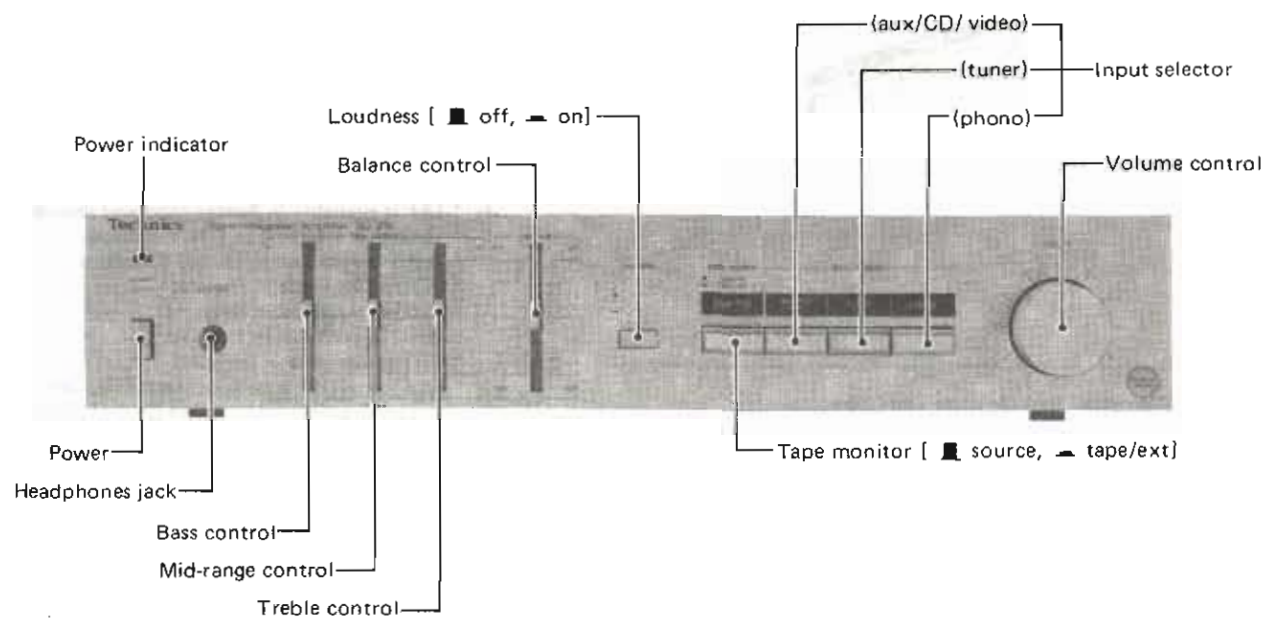
Total harmonic distortion is measured by the digital spectrum analyzer (H.P. 3045 system).

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## LOCATION OF CONTROLS



- The power supply for this unit varies depending upon the areas. Also, the parts used for power supply are different. So, refer to the circuit diagram and the replacement parts list.
- \* 220V (50/60Hz) for continental Europe.
- \* 240V (50/60Hz) for United Kingdom and Australia.
- \* 110V/120V/220V/240V (50/60Hz) for other areas.
  - [XA area] for other areas is provided with voltage selector .
- Phono input capacitance is about 150pF.

## 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 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 this unit 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

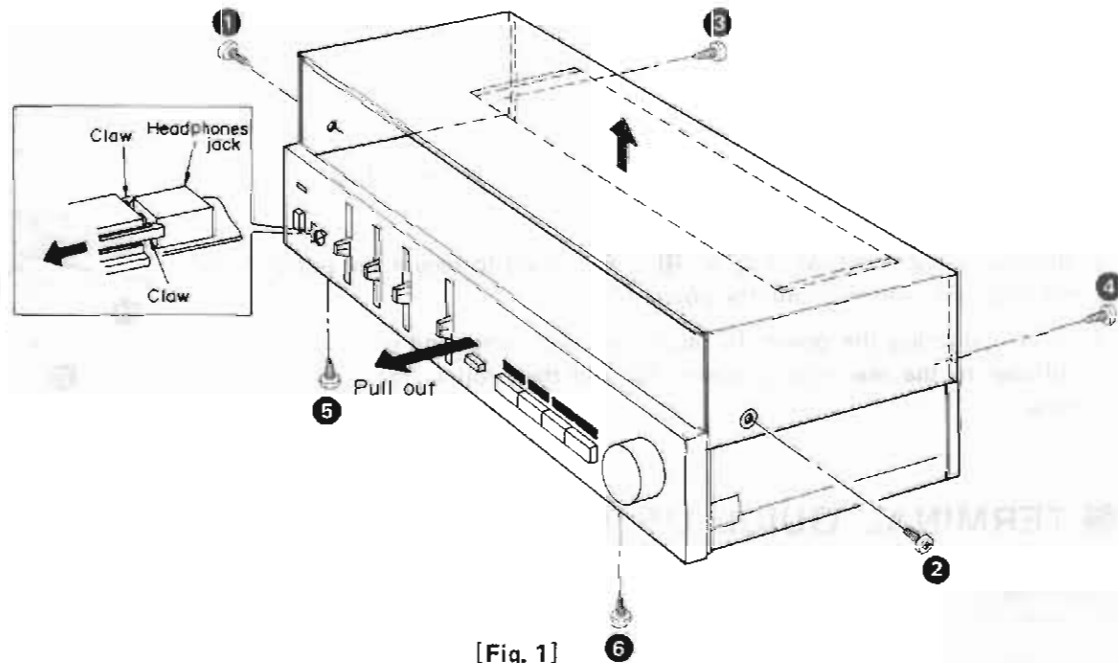
1. Turn off the power supply and short-circuit both ends of power supply condensers (C501, C502, 3300 $\mu$ F) at resistance (about 10 $\Omega$ , 5W) in order to discharge the charged voltage. Both ends of do not short between C501, C502 by screwdriver. It may damage the component.
2. Before turning on the power supply after completion of repair, slowly apply the primary voltage by using a power supply voltage controller to make sure that the consumed current at 60Hz/50Hz in no signal mode is shown below with respect to supply voltage 110V/120V/220V/240V.

Power supply voltage		AC110V	AC120V	AC220V	AC240V
Consumed current	50 Hz	80 ~ 150mA	75 ~ 145mA	45 ~ 90mA	40 ~ 80mA
	60Hz	70 ~ 140mA	65 ~ 125mA	40 ~ 85mA	35 ~ 75mA

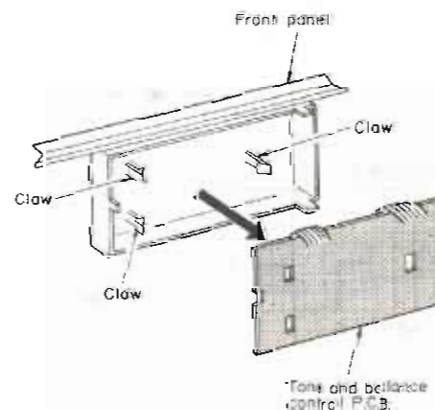
## DISASSEMBLY INSTRUCTIONS

### How to remove the front panel

1. Remove the 4 setscrews (Fig. 1: ① ~ ④) and remove the cabinet.
2. Remove the 2 setscrews (Fig. 1: ⑤, ⑥) of the front panel.
3. Release the 2 claws which fasten the headphones jack to the front panel. Next, pull the front panel out of the chassis.
4. To remove the tone and balance control P.C.B., release the 3 claws projected from the front panel as in Fig. 2.



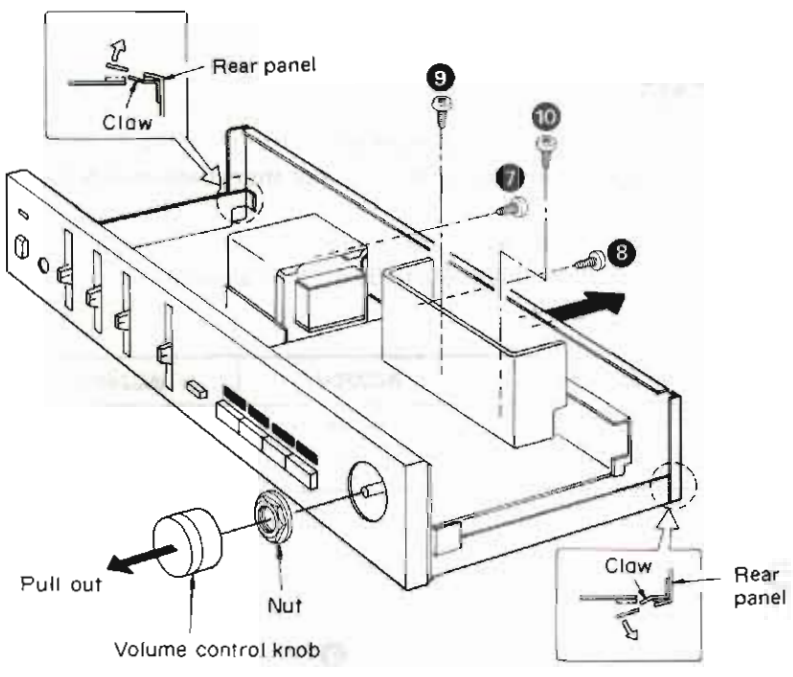
[Fig. 1]



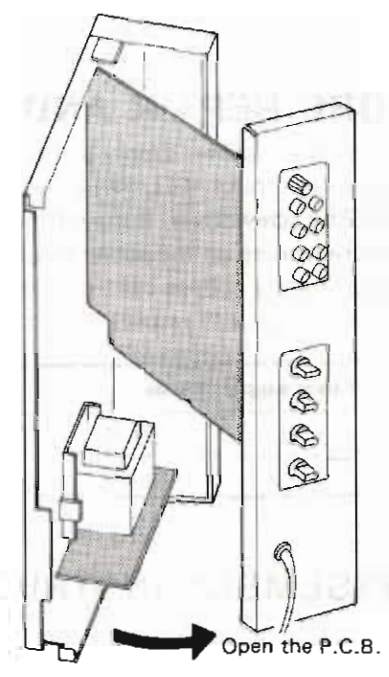
[Fig. 2]

● How to remove the main P.C.B.

1. Remove the 4 setscrews (Fig. 1: ① ~ ④) and remove the cabinet.
2. Pull out the volume control knob, and remove the nut which secures the volume knob.
3. Remove the 2 setscrews (Fig. 3: ⑦, ⑧) of the rear panel and the 2 setscrews (Fig. 3: ⑨, ⑩) of the Heat-sink.
4. Release the 2 claws of the chassis side-board to remove the rear panel.
5. Next, open the P.C.B. as in Fig. 4 to do the repair job.



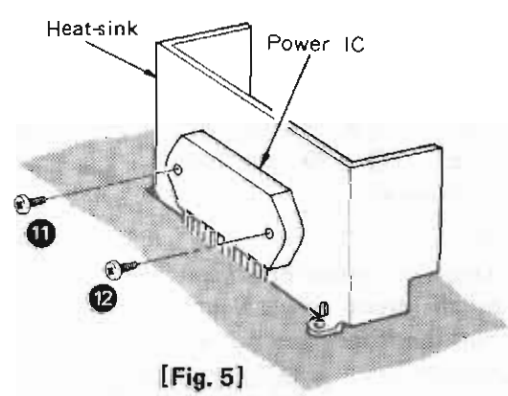
[Fig. 3]



[Fig. 4]

● How to remove the power amplifier IC

1. Remove the main P.C.B. (Refer to "How to remove the main P.C.B.")
2. Unsolder power IC.
3. Remove the 2 setscrews (Fig. 5: ⑪, ⑫) used to secure the power IC on the heat sink, and then pull the power IC.
4. When mounting the power IC, apply silicone compound or equivalent heat diffuser to the rear side of power IC, and then follow the steps 1 ~ 3 reversely.

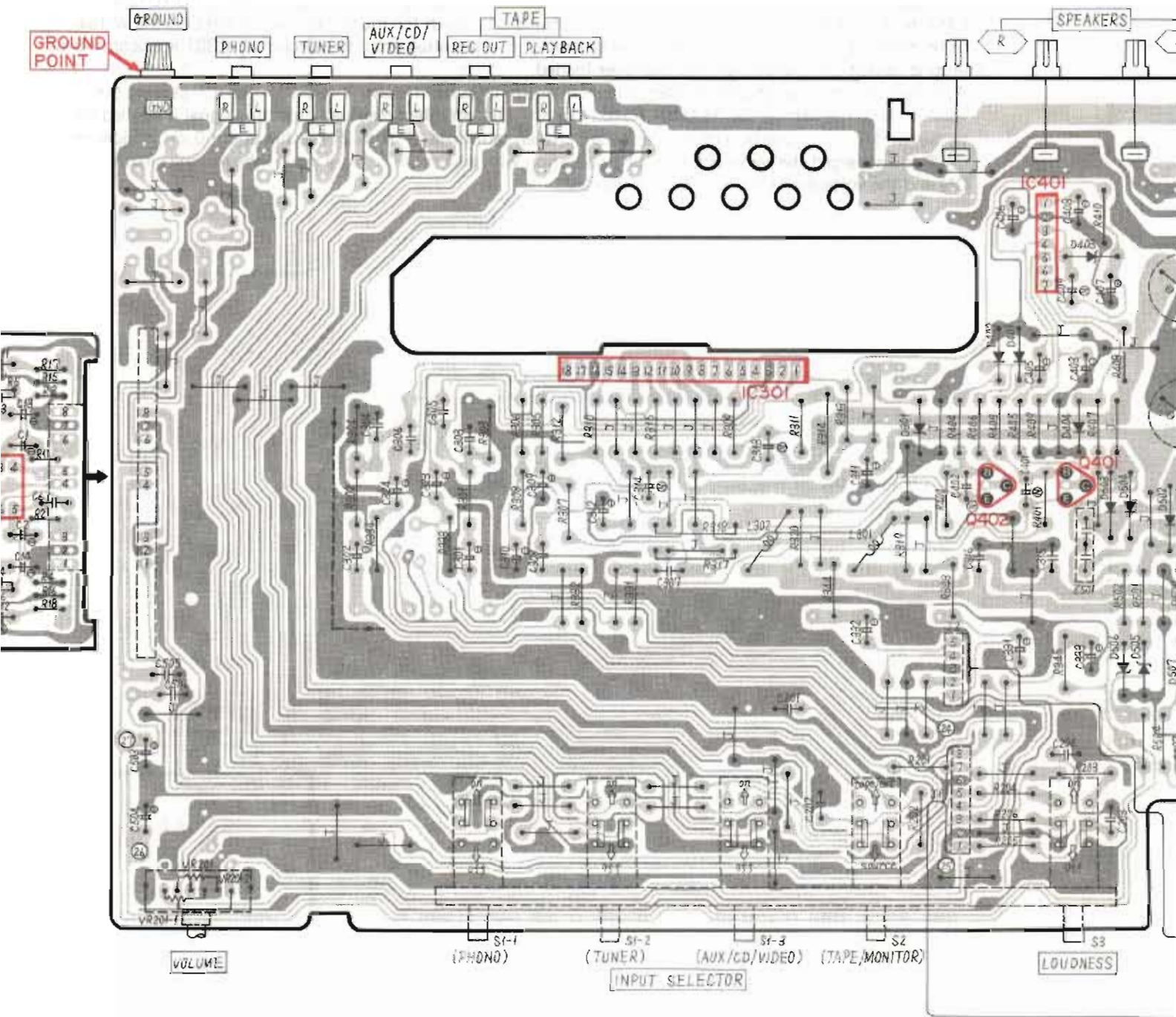


[Fig. 5]

■ TERMINAL GUIDE OF TRANSISTORS, DIODES AND IC'S

SVINJ4559DDM 	MA150 	MA162A 	MA1150M 	SVDMZ306 	SVIK4121-2M 
AN7072N 	SVDSR1K2 	LN224RP 	2SA992, 2SC1815 		

# PCB BOARD AND WIRING CONNECTION DIAGRAM





# 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  $\Delta$  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  $\Omega$ . (ohm). K = 1000 $\Omega$ , M = 1000k $\Omega$ .
  - The unit of capacitance is  $\mu$ F. (microfarad). P = 10<sup>-6</sup>  $\mu$ F.
  - Bracketed indications in Ref. No. columns specify the area. Parts without these indications can be used for all areas.

**Areas**

- \* [E] is available in Switzerland and Scandinavia.
- \* [EGA] is available in F.R. Germany.
- \* [EK] is available in United Kingdom.
- \* [EF] is available in France.
- \* [EB] is available in Belgium.
- \* [EH] is available in Holland.
- \* [Ei] is available in Italy.
- \* [XA] is available in Southeast Asia, Oceania, Africa, Middle Near East and Central South America.
- \* [XL] is available in Australia.

**Numbering System of Resistor**

Example

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

Resistor Type	Wattage	Tolerance
ERD : Carbon	10 : 1/8W	J : $\pm$ 5%
ERG : Metal Oxide	25 : 1/4W	
ERX : Metal Film	1 : 1W	
ERO : Metal Film	S1 : 1/2W	

ERD10TLJ□□□ → Chip type carbon  
 ERO10MKG□□□ → Chip type metal film

**Numbering System of Capacitor**

Example

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

Capacitor Type	Voltage		Tolerance
	ECEA Type	Others	
ECEA : Electrolytic	1C : 16V	1H : 50V DC	C : $\pm$ 0.25pF
ECEA...N : Non Polar Electrolytic	1E : 25V	2A : 250VAC	K : $\pm$ 10%
ECCD : Ceramic	1H : 50V	KC : 400VAC	M : $\pm$ 20%
ECKD : Ceramic	1V : 35V		Z : + 80%, -20%
ECQM : Polyester	25 : 25V		P : +100%, -0%
ECES : Electrolytic	50 : 50V		

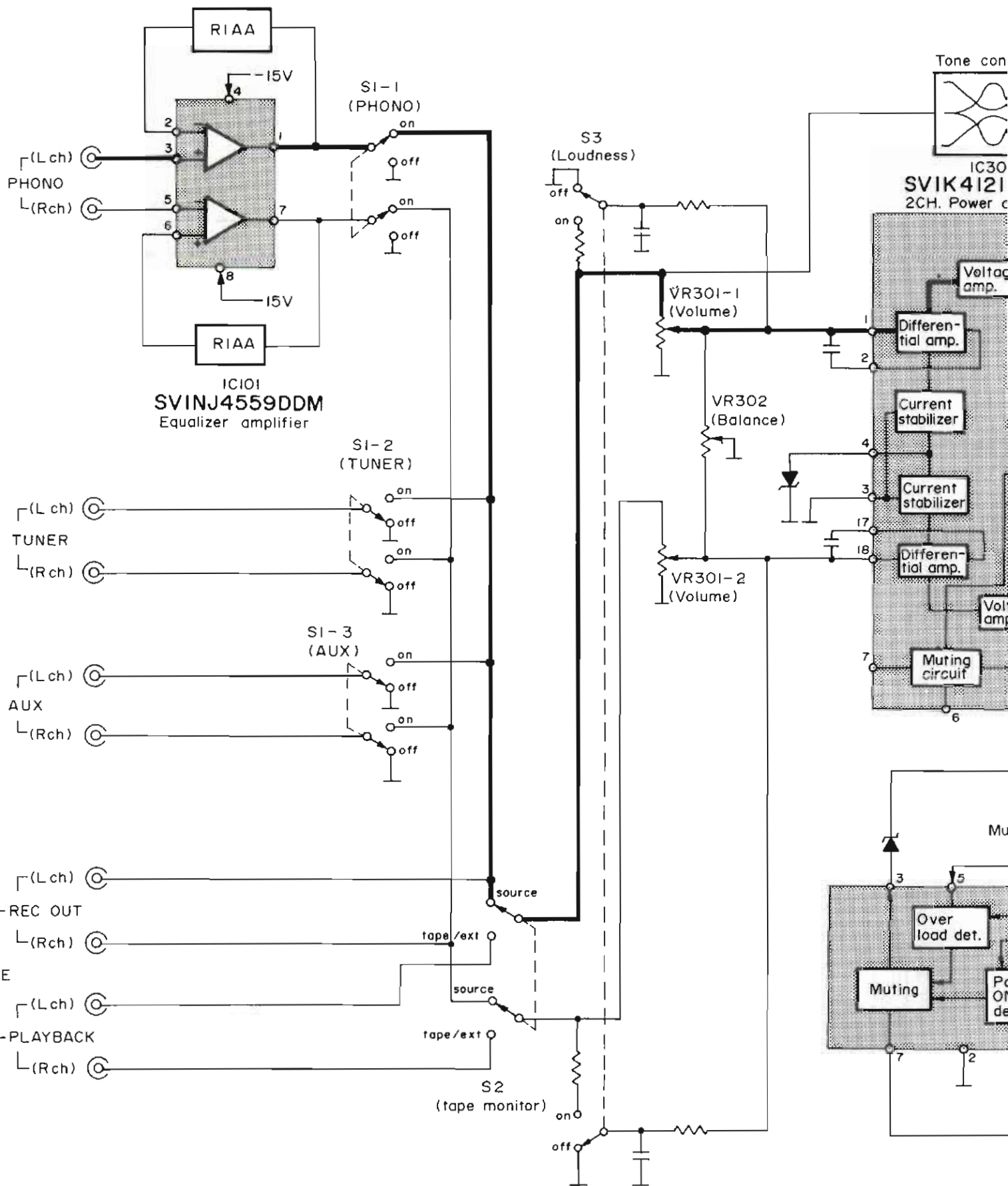
Ref. No.	Part No.	Value
<b>RESISTORS</b>		
R1, 2	S ERD10TLJ391U	390
R3, 4	S ERO10MKG2213	221K
R5, 6	S ERO10MKG5622	56.2K
R7, 8	S ERD10TLJ271U	270
R9, 10	S ERD10TLJ680U	68
R11, 12	S ERD10TLJ184U	180K
R13, 14	S ERD10TLJ123U	12K
R15, 16	S ERD10TLJ563U	56K
R17, 18	S ERD10TLJ102U	1K
R201, 202	S ERD25FJ272	2.7K
R203, 204	S ERD25TJ183	18K
R205, 206	S ERD25TJ473	47K
R301, 302	S ERD25FJ102	1K
R303, 304	S ERD25TJ393	39K
R305, 306	S ERD25TJ273	27K
R307, 308	S ERD25TJ333	33K
R309, 310	S ERD25FJ222	2.2K
R311, 312	S ERD25FJ222	2.2K
R313	S ERDS1FJ470	47
R314	S ERG1ANJ152	1.5K
R315	S ERDS1FJ101	100
R317, 318	S ERX1ANJR22	0.22
R319, 320	S ERDS1FJ100	10
R321, 322	S ERDS1FJ331	330

Ref. No.	Part No.	Value
R323, 324	S ERD25TJ223	22K
R325, 326	S ERD25FJ392	3.9K
R327, 328	S ERD25TJ824	820K
R329, 330	S ERD25FJ122	1.2K
R331, 332	S ERD25TJ473	47K
R333, 334	S ERD25FJ392	3.9K
R335, 336	S ERD25FJ102	1K
R337, 338	S ERD25FJ332	3.3K
R339, 340	S ERD25TJ153	15K
R341, 342	S ERD25TJ824	820K
R343, 344	S ERD25FJ392	3.9K
R345	S ERD25FJ821	820
R401, 402	S ERD25FJ221	220
R403, 404	S ERD25TJ153	15K
R405, 406	S ERD25FJ103	10K
R407	S ERD25TJ124	120K
R408	S ERDS1FJ220	22
R409	S ERD25TJ393	39K
R410	S ERD25TJ123	12K
R501, 502	S ERDS1FJ821	820
R503	S ERDS1FJ101	100
R504	S ERDS1FJ122	1.2K

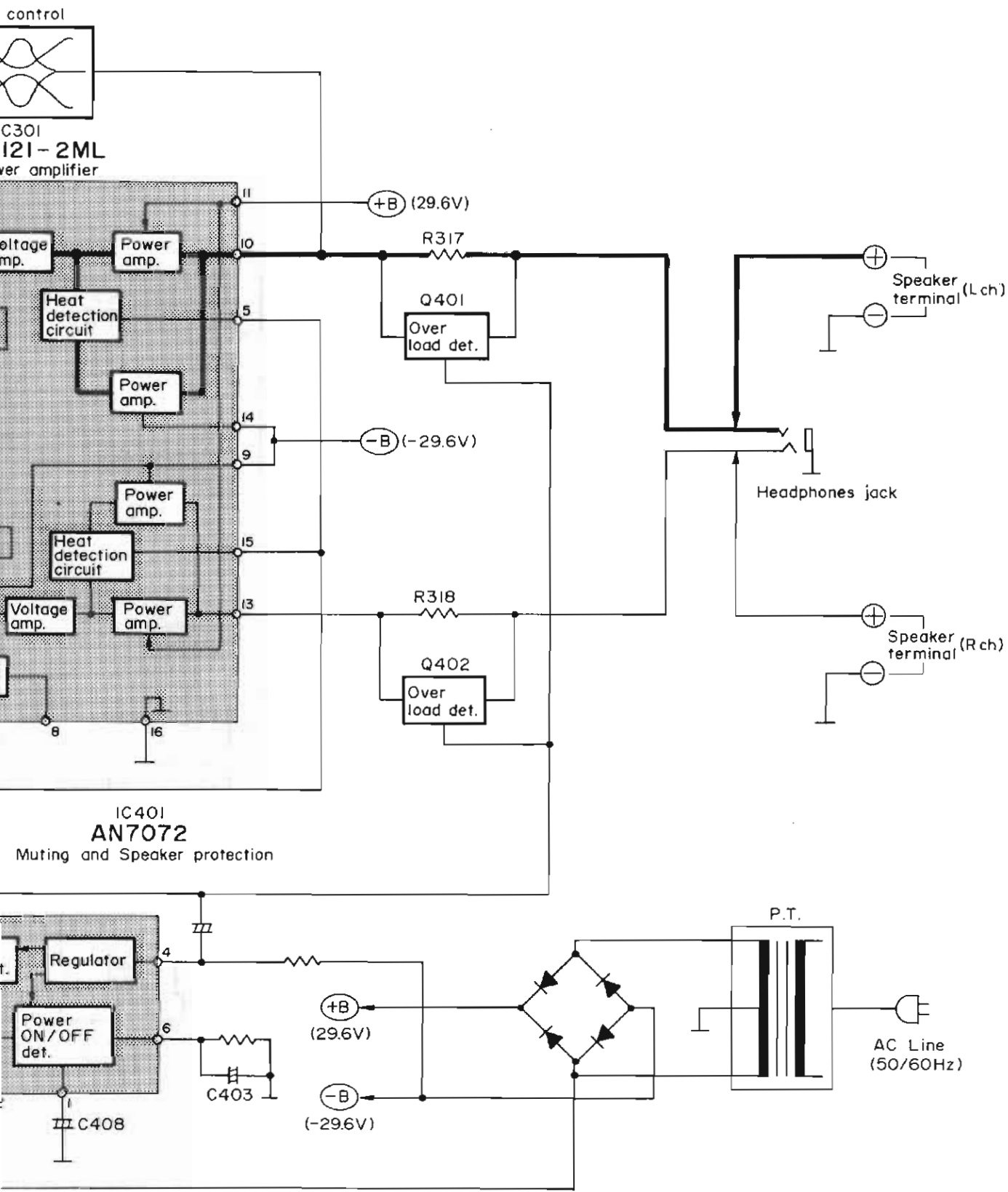
Ref. No.	Part No.	Value
<b>CAPACITORS</b>		
C1, 2	S ECEA50Z3R3	3.3
C1, 2 [XA]	S ECKDKC103PF2	0.01
C3, 4	S ECCD1H101K	100P
C5, 6	S ECKD1H471KB	470P
C7, 8	S ECQM1H223KV	0.022
C9, 10	S ECQM1H682KV	0.0068
C11, 12	S ECEA1HN010S	1
C13, 14	S ECEA1CS330	33
C201, 202	S ECKD1H331KB	330P
C203, 204	S ECQM1H563KV	0.056
C301, 302	S ECEA50Z2R2	2.2
C303, 304	S ECCD1H101K	100P
C305, 306	S ECCD1H101K	100P
C307, 308	S ECCD1H030CC	3P
C309, 310	S ECEA1HS100	10
C311	S ECEA1HS470	47
C312	S ECEA1HS101	100
C313, 314	S ECEA25N100S	10
C315, 316	S ECQM1H473KV	0.047
C317, 318	S ECQM1H183KV	0.018
C319, 320	S ECQM1H104KV	0.1
C321, 322	S ECQM1H223KV	0.022
C323, 324	S ECEA1HS100	10
C325, 326	S ECQM1H223KV	0.022

Ref. No.	Part No.
C327, 328	S ECQM1H823KV
C331, 332	S ECEA1HS100
C333	S ECEA1CS330
C401, 402	S ECEA1HN010S
C403	S ECEA1HS100
C405	S ECEA50Z3R3
C406	S ECEA50Z1
C407	S ECEA50Z3R3
C408	S ECEA1ES101
C409	S ECEA25N100S
C501, 502	S ECES1VV332U
C503, 504	S ECEA1ES101
C505, 506	S ECKD1H103ZF
C507	S ECEA1HS470
C508	S ECKDKC103PF2
C707 [EF]	S ECQE2A473MW

## BLOCK DIAGRAM







- **Operational description of IC (IC401) for muting (with power on/off, overload)**

1. Muting operation with power ON.

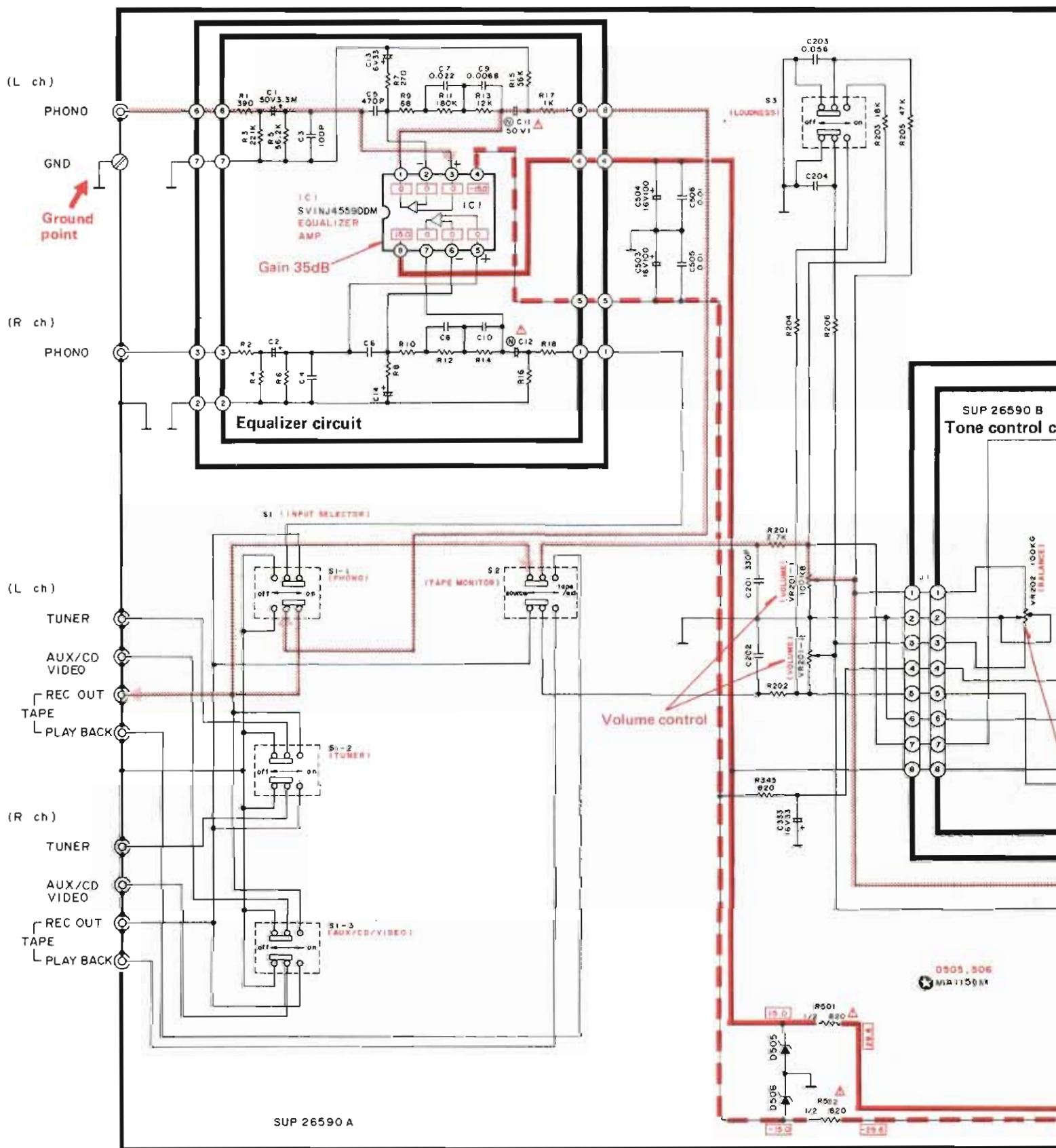
With power turned ON, AC voltage is applied to terminal ⑦ of IC401. Then, condenser C408 connected to terminal ① is charged, and the voltage of terminal ① gradually rises. When the voltage reaches about -4V (about 5 sec. after power ON), the muting circuit turns off, and then -27.9V is generated at terminal ③. The voltage of terminal ③ is supplied to the power amplifier circuit of IC301, thus operating power IC.

2. Muting operation with power OFF.

With power turned OFF, condenser C408 connected to terminal ① is discharged, causing the voltage of C408 to drop, and then the muting circuit in IC turns ON. With the muting circuit turned ON, the voltage of terminal ③ becomes 0V, and then power supply to the voltage amplifier circuit of IC301 is discontinued.

3. Muting operation with power amplifier over-loaded.

With speaker terminals short-circuited, a large quantity of current flows into R317 (R318), causing the voltage rise. The voltage causes Q401 (Q402) to turn ON, and then overload detecting signal is applied to terminal ⑤. When the potential difference between terminals ④ and ⑤ reaches about 0.7V, condenser C408 is discharged the same as for muting operation with power OFF. As a result, the muting circuit turns ON and the voltage of terminal ③ becomes 0V.



SUP 26590 A

0505, 506  
MIA 1150 M



### Power amplifier circuit

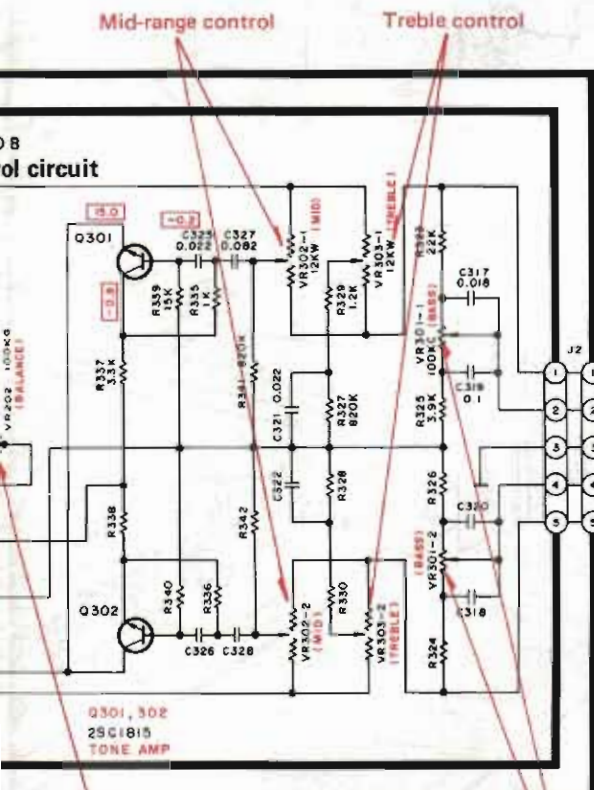
Q401, 402  
2SA992  
OVER LOAD DET.

IC301  
SV1STK412F-2M  
2CH POWER AMP.

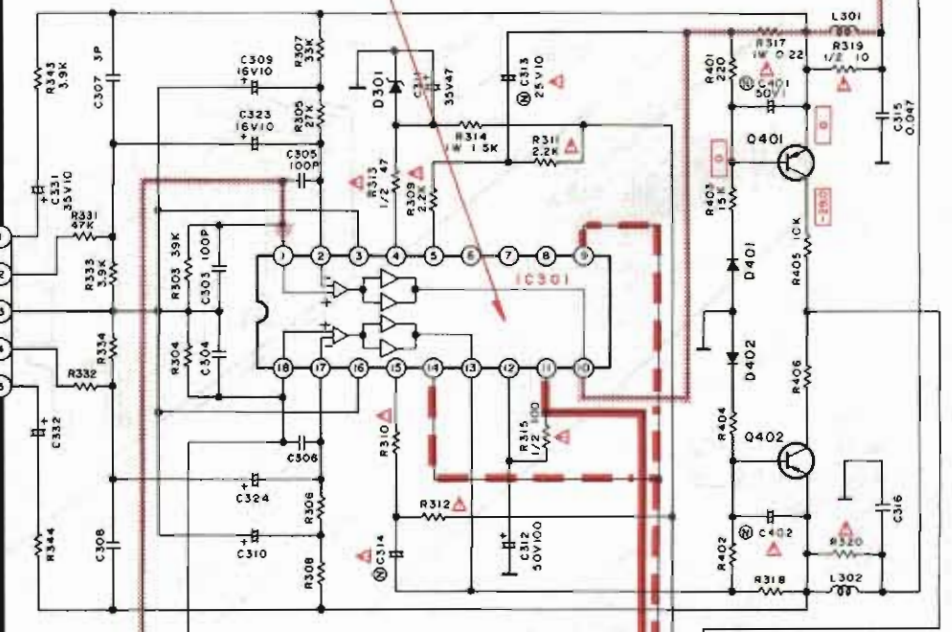
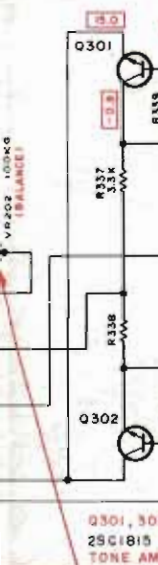
1	-	0	1	7	-	13	0
2	0	8	-	14	-	29	6
3	0	8	-	29	6	5	-
4	-	0	7	0	16	0	0
5	-	1	2	1	29	6	7
6	-	1	2	1	29	6	7
8	-	1	2	1	29	6	7

D501  
SVDMZ306  
6V ZENER

D401, 402  
MA150

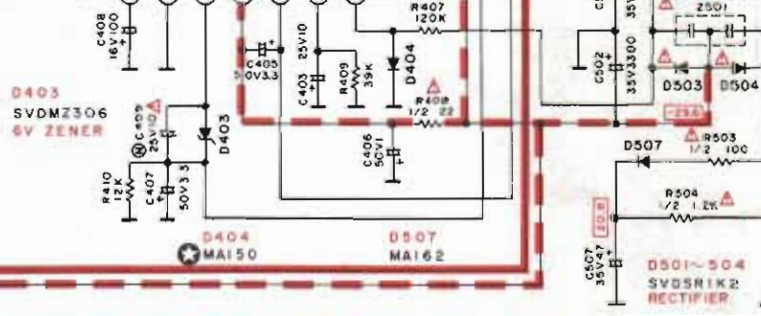


### Balance control



### Muting and speaker protection circuit

IC401 AN7072  
MUTING & SPEAKER PROTECTION



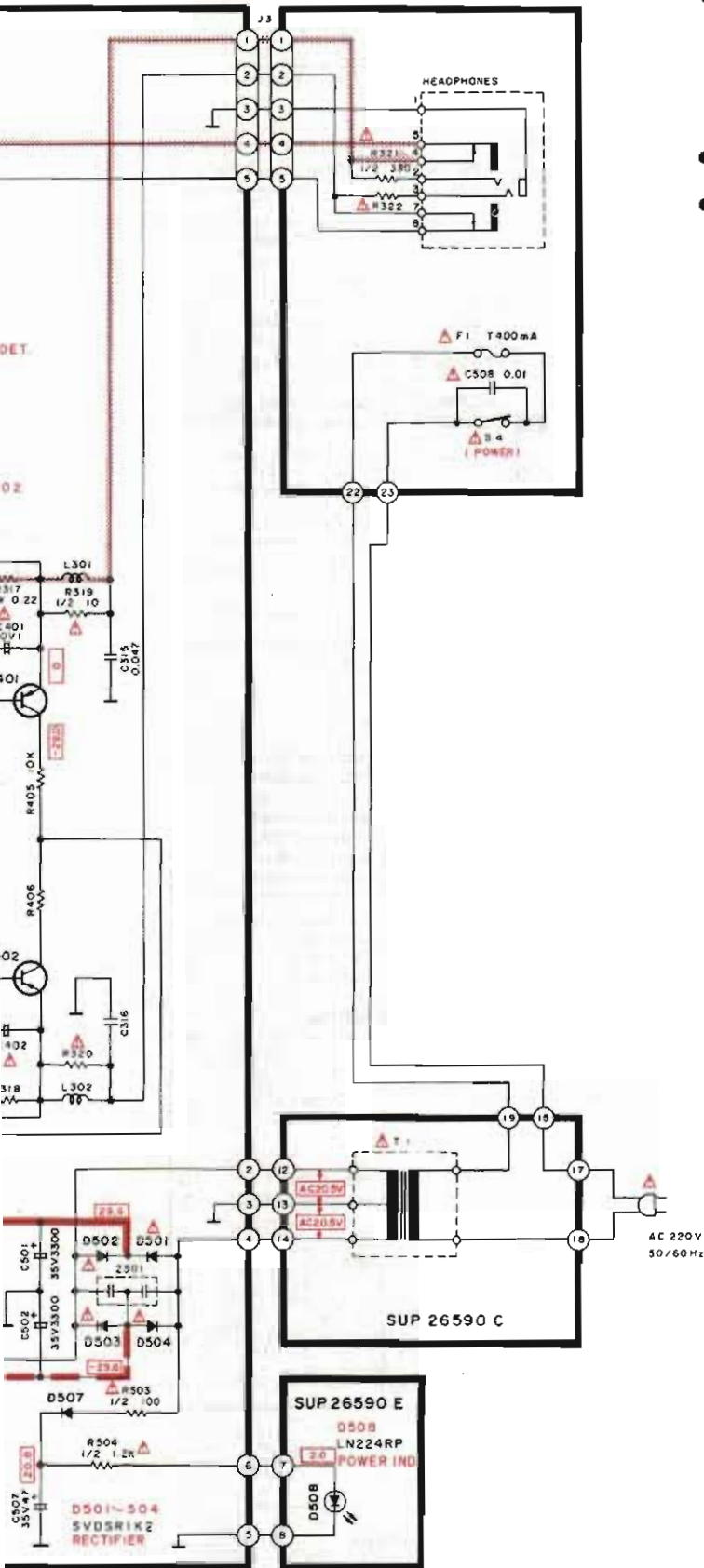
# SCHEMATIC DIAGRAM

(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  $\odot$  mark, the production part No. are different from the replacement part No. Therefore, when placing an order for replacement parts, please use the part No. in the replacement parts list.
- This is the basic circuit diagram (For continental Europe) of this unit. Note that part of the circuit is subject to change depending on the areas.
- Regarding the circuits to be changed in the basic circuit diagram (For continental Europe) and related areas [EF], [XL], [XA] and [EGA], refer to the separate service manual (Order No. SD82122348C8-A).

**Notes:**

1. **S1-1 ~ S1-3** : Input selector switch in "phono" position.  
(S1-1 : phono S1-2 : tuner S1-3 : aux/CD/video)
2. **S2** : Tape monitor switch in "source" position.  
source  $\leftrightarrow$  tape/ext.
3. **S3** : Loudness switch in "off" position.
4. **S4** : Power source switch in "on" position.
5. **S5 [XA] area** : Voltage selector switch in "240V" position.  
120V  $\leftrightarrow$  110V  $\leftrightarrow$  220V  $\leftrightarrow$  240V
6. The headphones jack switch is being short-circuited.  
(With the headphones plug not inserted)
7. Important safety notice:  
Components identified by  $\Delta$  mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
8.  $\square$  indicated voltage values are the standard values for the DC electronic circuit tester (high impedance) with the ground point taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester. (high tap)
9.  $\cdots$  Phono signal lines
10.  $\color{red}\rule{1cm}{0.4pt}$  Positive (+B) voltage lines
11.  $\color{red}\rule{1cm}{0.4pt}$  Negative (-B) voltage lines



# REPLACEMENT PARTS LIST

- Notes:**
1. Part numbers are indicated on most mechanical parts. Please use this part number for parts order.
  2. Important safety notice: Components identified by  $\Delta$  mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
  3.  $\text{\textcircled{K}}$  -marked parts are used for black only, while  $\text{\textcircled{O}}$  -marked parts are for silver type only.
  4. Part other than  $\text{\textcircled{K}}$  - and  $\text{\textcircled{O}}$  -marked are used for both black and silver type.
  5. Bracketed indications in Ref. No. columns specify the area. Parts without these indications can be used for all areas.
  6. The "S" mark is service standard parts and may differ from production parts.
  7. The parenthesized numbers in the column of description stand for the quantity pre set.

Black type model No. : SU-Z15(K)

Ref. No.	Part No.	Description
<b>INTEGRATED CIRCUITS</b>		
	SVINJ4569DDM	Equalizer Amplifier
	SVIK4121-2M AN7072N	Power Amplifier Muting and Speaker Protection
<b>TRANSISTORS</b>		
1, 302	2SC1815-Y	Tone Amplifier
1, 402	2SA992	Over Load Detector
<b>INDUCTORS</b>		
1	$\text{\textcircled{S}}$ RVDEQA0106S	6V, Zener
1, 402, 404	MA162A	Switching
3	$\text{\textcircled{S}}$ RVDEA0106S	6V, Zener
1~504	$\Delta$ SVDSR1K2	Rectifier
5, 506	MA1150M	15V, Zener
7	MA162A	Switching
8	LN224RP	L.E.D. (Power Ind.)
<b>RESISTORS</b>		
[XA] only	$\Delta$ XBA2C04TR0	250V, 400mA
	$\Delta$ XBA2C08TR0	250V, 800mA
<b>INDUCTORS</b>		
1~104	ELQS181KB	Choke
1, 302	SLQY07G-30	Choke
3, 304 [EGA]	SLQY07G-30	Choke
1, 502 [EGA]	SLQX400-D	Choke
<b>TRANSFORMERS</b>		
1 [Other]	$\Delta$ SLT5M287-W	Power Transformer
1 [XL]	$\Delta$ SLT5M289-W	Power Transformer
1 [XA]	$\Delta$ SLT5M291-W	Power Transformer
<b>VARIABLE RESISTORS</b>		
201	EWJG2A066B15	Main 100k $\Omega$ (B)
202	EVE00205G15S	Balance 100k $\Omega$ (B)
301	EWE00705C15S	Bass 100k $\Omega$ (B)
102, 303	EWE00505T01S	Midrange Treble Control
<b>SWITCHES</b>		
3	SSH551	Selector, Tape Monitor, Loudness
[XA] only	$\Delta$ SSH1057	Power
[XA] only	$\Delta$ ESB90227S	Power
	$\Delta$ ESE37219	Voltage Adjuster
<b>COMPONENT COMBINATIONS</b>		
1	SXRF5203ZSM	0.01 $\mu$ Fx2

Ref. No.	Part No.	Description & Pcs.
<b>CABINET and CHASSIS PARTS</b>		
1	$\text{\textcircled{O}}$ SYW615	Front Panel Ass'y (1) (Silver)
1	$\text{\textcircled{K}}$ SYW615-1	Front Panel Ass'y (1) (Black)
2	SBN1163	Knob, Volume (1)
3	SBC443-1	Button, Tape/ext, Aux/CD/Video, Tuner, Phono (4)
4	SBC433-1	Button, Loudness (1)
5	SBD79	Button, Tone control, Balance (4)
6	SBC337-1	Button, Power (1)
7	SMP313	Holder (1)
8	$\text{\textcircled{O}}$ SDA93	Slider (Silver) (4)
8	$\text{\textcircled{K}}$ SDA93-1	Slider (Black) (4)
9	$\text{\textcircled{O}}$ SGX7491	Holder (Silver) (1)
9	$\text{\textcircled{K}}$ SGX7491-1	Holder (Black) (1)
10	SJ71E	Jack, Headphone (1)
11 [Other]	SKUUZ15E	Bottom Board Ass'y (W/Feet) (1)
11 [XL] only	SKUUZ15L	Bottom Board Ass'y (W/Feet) (4)
11-1	SKL245-2	Foot
12	SJF4437-1	Terminal Board, Speaker (1)
13	SJF3051-4N	Terminal Board, Input (1)
14 [Other]	$\Delta$ SJA88	Cord, Power Source (1)
14 [EK]	$\Delta$ QFC1205M	Cord, Power Source (1)
14 [XL]	$\Delta$ QFC1207MA	Cord, Power Source (1)
14 [XA]	$\Delta$ SJA111	Cord, Power Source (1)
15 [Other]	SHR127	Bushing (1)
15 [EK]	SHR129	Bushing (1)
15 [XL]	SHR131	Bushing (1)
16 [E]	SGP3650A	Rear Panel (1)
16 [EK]	SGP3650B	Rear Panel (1)
16 [XA]	SGP3650-1A	Rear Panel (1)
16 [XL]	SGPTZ15L	Rear Panel Ass'y (with SGT29690) (1)
16 [Other]	SGP3650C	Rear Panel (1)
17	SJT347	Crip, Fuse (2)
18	SHR401-1	Latch (2)
19	$\text{\textcircled{O}}$ SKC1370S1	Cabinet (Silver) (1)
19	$\text{\textcircled{K}}$ SKC1370BB1	Cabinet (Black) (1)
20 [XA]	$\Delta$ SJS601-2	Socket (1)

Ref. No.	Part No.	Description & Pcs.
<b>SCREWS</b>		
N1	XTB3+8BFN	Tapping (+) 3x8 (2)
N2	XSN3+6S	Tapping (+) 3x6 (2)
N3	XTB3+16BFN	Tapping (+) 3x16 (2)
N4	XTB3+8BFN	Tapping (+) 3x8 (2)
N5	XTB3+8BFN	Tapping (+) 3x8 (4)
N6	XTB3+8BFZ	Tapping (+) 3x8 (3)
N7	XTB3+8BFZ	Tapping (+) 3x8 (2)
N8	$\text{\textcircled{O}}$ SNE2095-2	Cabinet (Silver) (2)
N8	$\text{\textcircled{K}}$ SNE2095-3	Cabinet (Black) (2)
<b>WASHERS</b>		
N10	XWG3	Plain $\phi$ 3 (2)
N11	XWA3B	Spring $\phi$ 3 (2)
<b>NUT</b>		
N15	SNE4021	Volume (1)
<b>ACCESSORIES</b>		
A1 [XA] only	SJP5213-1	Plug (1)
A2 [XA] only	SJP5215	Plug (1)
A3 [Other]	SQF11565	Instruction Book (1)
A3 [EGA]	SQF11567	Instruction Book (1)
A3 [EK]	SQF11569	Instruction Book (1)
A3 [EF]	SQF11571	Instruction Book (1)
A3 [Ei]	SQF11573	Instruction Book (1)
A3 [XA]	SQF11575	Instruction Book (1)
A3 [XL]	SQF11577	Instruction Book (1)
<b>PACKING PARTS</b>		
P1 [Other]	SPG4295	Carton Box (1)
P1 [EF]	SPG4297	Carton Box (1)
P1 [XL]	SPG4299	Carton Box (1)
P2 [Other]	SPS3989	Pad, Left (1)
P2 [XL] only	SPS3989-1	Pad, Left (1)
P3 [Other]	SPS3991	Pad, Right (1)
P3 [XL] only	SPS3991-1	Pad, Right (1)
P4	SPS3987	Pad, Upper (1)
P5	SPP719	Polyethylene Bag (1)

**Areas**

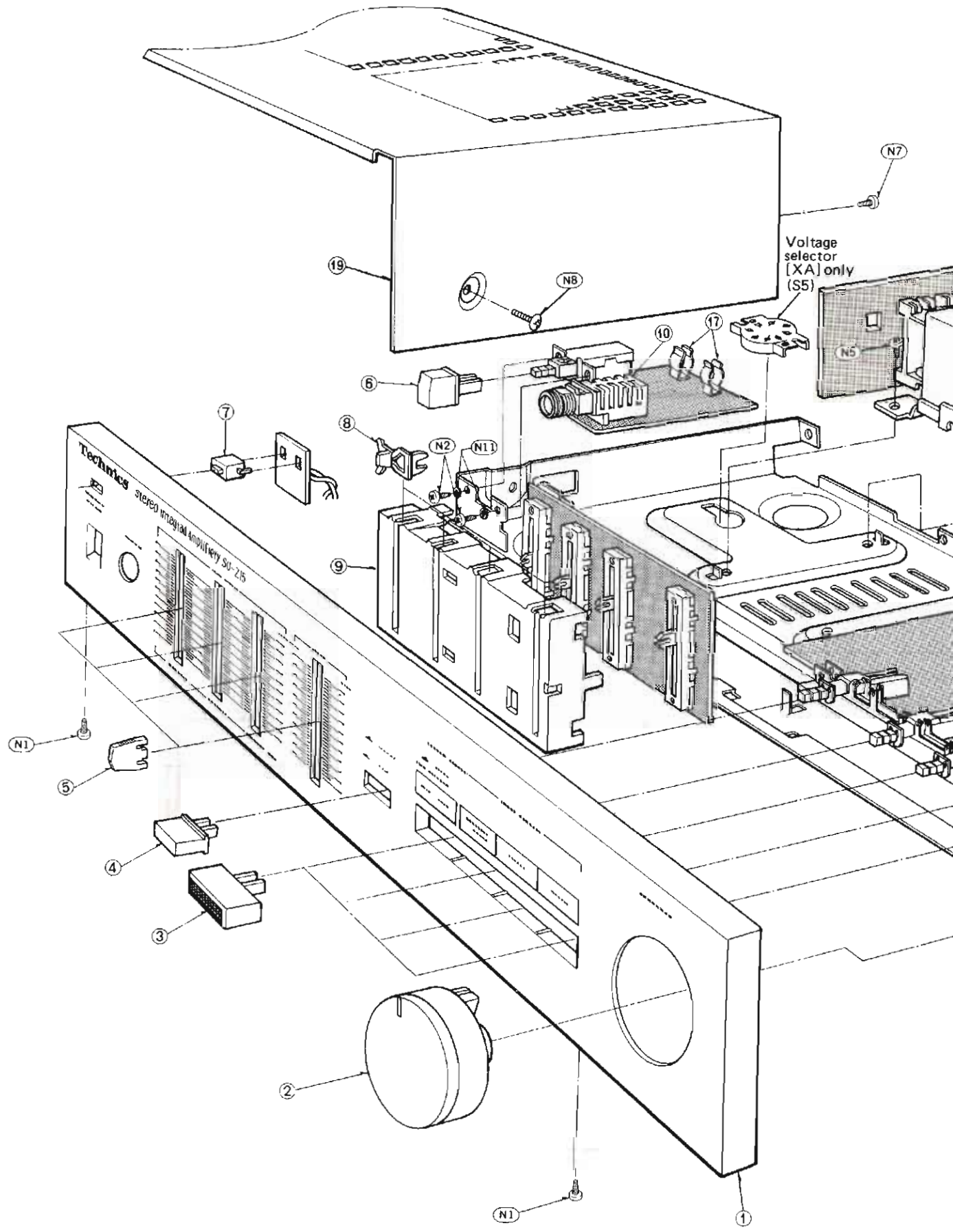
- \* [E] is available in Switzerland and Scandinavia.
- \* [EGA] is available in F.R. Germany.
- \* [EK] is available in United Kingdom.
- \* [EF] is available in France.
- \* [EB] is available in Belgium.
- \* [EH] is available in Holland.
- \* [Ei] is available in Italy.
- \* [XA] is available in Southeast Asia, Oceania, Africa, Middle Near East and Central South America.
- \* [XL] is available in Australia.

# EXPLODED VIEW

35.

15(K)

Description & Pcs.	
(+) 3x8	(2)
(+) 3x6	(2)
(+) 3x16	(2)
(+) 3x8	(2)
(+) 3x8	(4)
(+) 3x8	(3)
(+) 3x8	(2)
(Silver)	(2)
(Black)	(2)
	(2)
	(2)
	(1)
	(1)
ion Book	(1)
ion Book	(1)
ion Book	(1)
ion Book	(1)
ion Book	(1)
ion Book	(1)
Box	(1)
Box	(1)
Box	(1)
it	(1)
it	(1)
ght	(1)
ght	(1)
per	(1)
ylene Bag	(1)



Rear panel and AC outlet ... for [XA]

