

# Service Manual

Stereo Integrated Amplifier

Amplifier

SU-V55A



## Color

- |           |             |
|-----------|-------------|
| (S) ..... | Silver Type |
| (K) ..... | Black Type  |

## Area

Color	Area
(S)(K)	(E) .....Continental Europe.
(S)(K)	(EI) .....Italy.
(S)(K)	(EG) .....F.R.Germany.
(S)(K)	(EB) .....Belgium.
(S)(K)	(EK) .....United Kingdom.
(S)(K)	(EF) .....France.
(S)(K)	(EH) .....Holland.
(S)(K)	(XL) .....Australia.
(S)(K)	(XA) .....Asia,Latin America,Middle Near East,Africa and Oceania.

**SPECIFICATIONS**

(DIN 45 500)

## ■ AMPLIFIER SECTION

20 Hz ~ 20 kHz continuous power output both channels driven	2 x 60 W (8Ω)	TUNER,CD,AUX, TAPE 1/DA TAPE,TAPE 2/EXT 50 mW power (4Ω)	70 dB
1 kHz continuous power output both channels driven	2 x 100 W (4Ω)	PHONO MM PHONO MC	62 dB 61 dB
Total harmonic distortion		TUNER,CD,AUX, TAPE 1/DA TAPE,TAPE 2/EXT	62 dB
rated power at 20 Hz ~ 20 kHz	0.002% (8Ω)	Frequency response PHONO	RIAA standard curve ± 0.8dB(30 Hz ~ 15 kHz)
rated power at 1 kHz	0.005% (4Ω)	TUNER,CD,AUX, TAPE 1/DA TAPE,TAPE 2/EXT	5 Hz ~ 120 kHz (-3 dB) + 0, -0.2 dB (20 Hz ~ 20 kHz)
half power at 20 Hz ~ 20 kHz	0.0009% (8Ω)		
half power at 1 kHz	0.002% (4Ω)		
	0.0008% (8Ω)		
Intermodulation distortion			
rated power at 250 Hz:8 kHz = 4:1, 8Ω	0.005%	Tone controls BASS	50 Hz, + 10 dB ~ -10 dB
rated power at 60 Hz:7 kHz = 4:1, SMPTE, 8Ω	0.005%	TREBLE	20 kHz, + 10 dB ~ -10 dB
Power bandwidth	5 Hz ~ 60 kHz (8Ω, 0.03%)	Loudness control (volume at -30 dB)	50 Hz, + 9 dB
both channels driven,-3dB		Output voltage TAPE 1,2 REC OUT	150 mV
Residual hum and noise	0.8 mV	Channel balance, AUX 250 Hz ~ 6,300 Hz	± 1 dB
Damping factor	30 (4Ω), 60 (8Ω)	Channel separation, AUX 1 kHz	50dB
Input sensitivity and impedance		Headphones output level and impedance	500 mV/330 Ω
PHONO MM	2.5mV/47 kΩ	Load impedance MAIN or REMOTE	4 Ω ~ 16 Ω
PHONO MC	170 μV/220 Ω	MAIN and REMOTE	8 Ω ~ 16 Ω
TUNER,CD,AUX,TAPE 1/DA TAPE, TAPE 2/EXT	150mV/22 kΩ	■ GENERAL	
PHONO maximum input voltage (1 kHz,RMS)		Power consumption	490 W
MM	160 mV	Power supply For United Kingdom and Australia	AC 50 Hz/60 Hz, 240 V
MC	12 mV	For continental Europe	AC 50 Hz/60 Hz,220 V
S/N		For others	AC 50 Hz/60 Hz, 110 V/127 V/220 V/240 V
rated power(4Ω)		Dimensions (W x H x D)	430 x 126 x 290 mm (16-15/16" x 4-31/32" x 11-7/16")
PHONO MM	77 dB (83 dB:IHF,A)	Weight	7.5 kg (16.5 lb.)
PHONO MC	64 dB (65 dB:IHF,A)		
TUNER,CD,AUX, TAPE 1/DA TAPE,TAPE 2/EXT	91 dB (100 dB:IHF,A)		
-26 db power (4Ω)			
PHONO MM	68 dB		
PHONO MC	62 dB		

## Notes:

1.Specifications are subject to change without notice.

Weight and dimensions are approximate.

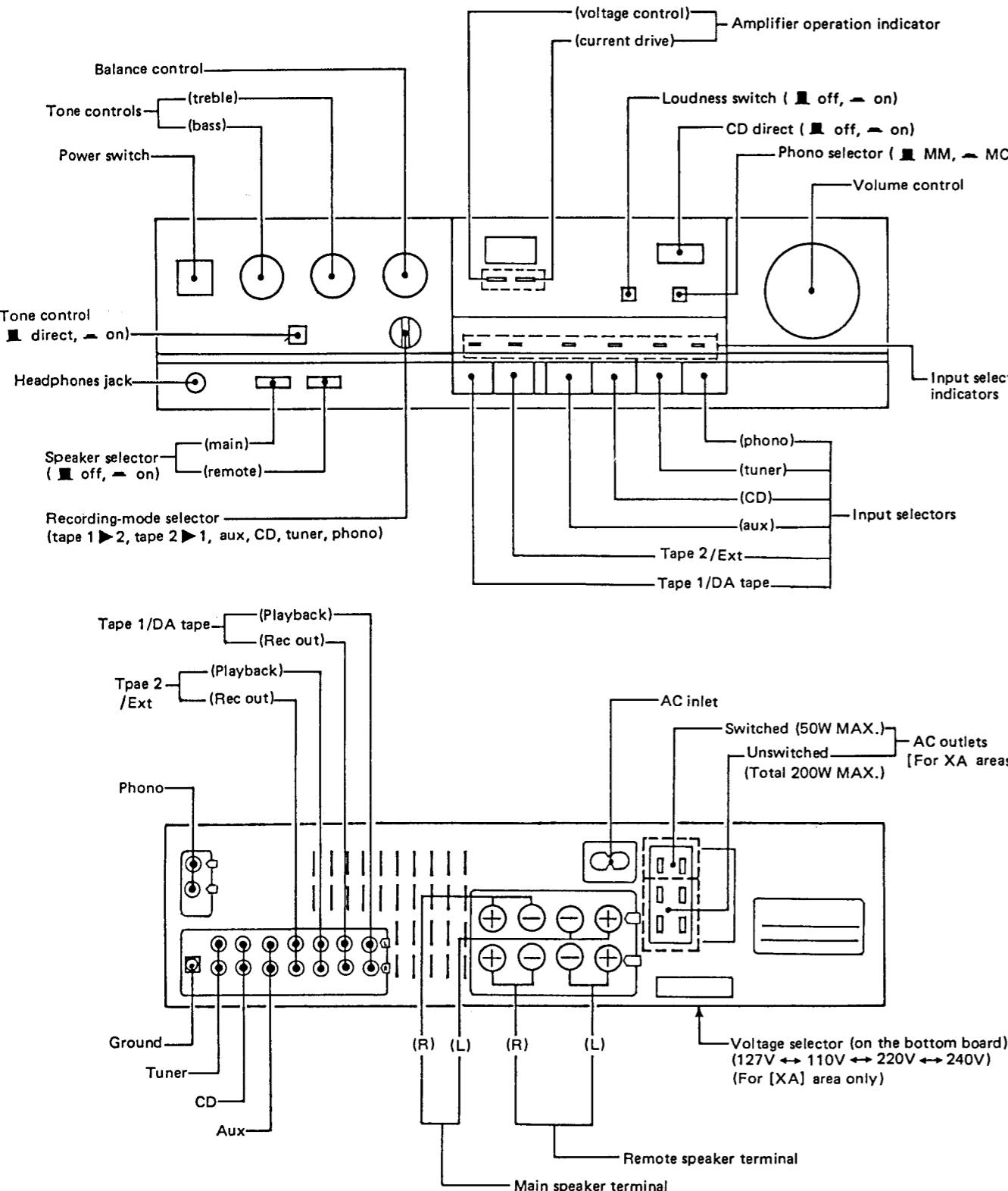
2.Total harmonic distortion is measured by the digital spectrum analyzer (H.P. 3045 system).

**Technics****Matsushita Electric Trading Co., Ltd.**  
P.O. Box 288, Central Osaka Japan

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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 replacement parts list.
- \* [XA] area is provided with voltage selector and AC outlets.
- \* 240V (50/60Hz) for Australia and United Kingdom.
- \* 220V (50/60Hz) for Continental Europe.
- \* 127V/110V/220V/240V (50/60Hz) for other [XA] area.
- \* Phono input capacitance is about 100pF.

### Suggestions

- If noise is very annoying while listening to an FM or AM broadcast, switch OFF the video disc player, compact-disc player and turntable.
- Switch OFF the video disc player power if noise is excessive while listening to an audio tape, compact disc or regular phono disc.

### Notes:

- To record sounds from a compact disc, press the input selector marked "CD".
- The compact-disc-direct switch is for listening only; it cannot be used to select the compact disc as a recording source.

## PROTECTION CIRCUITRY

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

- No sound is heard when the power is switched 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 this unit are used.

If this occurs, follow the procedure outlined below:

1. Switch OFF the power.
2. Determine the cause of the problem and correct it.
3. Switch ON the power once again.

### Note:

When the protection circuitry functions, the unit will not operate unless the power is first switched OFF and then ON again.

## BEFORE REPAIR AND ADJUSTMENT

- (1) Turn off the power supply. Using a 10Ω, 5W resistor, shortcircuit both ends of power supply capacitors (C705, C706, 8200 μF) in order to discharge the voltage.
- (2) Before turning on the power switch of the set .
  - A. Connect the voltage controller to the primary side.
  - B. Connect the AC ampere meter to the primary side or connect the DC voltage metar to the "±B" circuit of the secondary side.
  - C. Turn the VR of ICQ (VR401 and VR402) to minimum (counterclockwise).
  - D. After setting the output to zero of the voltage controller, turn on the power switch of the set. And increase the output of voltage controller gradually. Then, check carefully whether the current value of primary side become more than followings value or whether the DC voltage of secondary side is increasing slowly.
  - E. If the value of current is increasing unusually or the DC voltage is not increasing, lower the output level of voltage controller immediately.
  - F. Check the transistors of voltage amplifier and current amplifier IC501.
  - G. After repairing, adjust the ICQ.
  - The current value of the primary side at no signal. (Confirm the power supply voltage of each area and provided voltage of the set.)

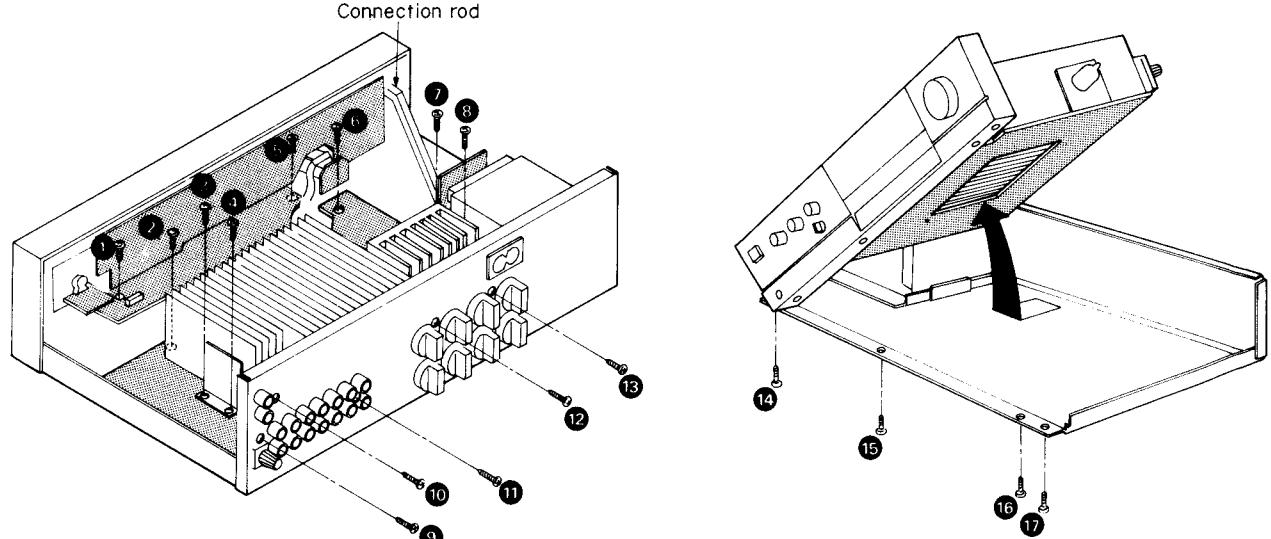
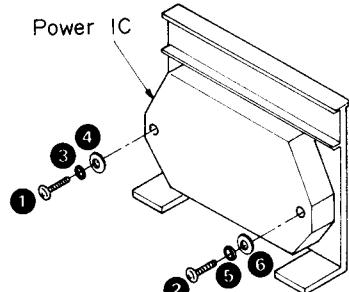
Power supply voltage	AC110V	AC127V	AC220V	AC240V
Consumed current 50/60Hz	280 ~ 560mA	260 ~ 520mA	140 ~ 280mA	130 ~ 260mA

# ■ DISASSEMBLY INSTRUCTIONS

## " ATTENTION SERVICER "

SOME CHASSIS COMPONENTS MAY HAVE SHARP EDGES.  
BE CAREFUL WHEN DISASSEMBLING AND SERVICING.

Ref. No. 1	<b>How to remove the cabinet</b>
Procedure 1	<ul style="list-style-type: none"> <li>Remove the 5 screws.</li> </ul>
Ref. No. 2	<b>How to remove the front panel</b>
Procedure 1 → 2	<ol style="list-style-type: none"> <li>Remove the 5 knobs (① ~ ⑤).</li> <li>Remove the 5 nuts (⑥ ~ ⑩).</li> <li>Remove the 4 screws (⑪ ~ ⑯).</li> <li>Remove the connection rod.</li> <li>Remove the connector (J102, J103, J106, J118, J119).</li> <li>Remove the flat cable (J104, J105).</li> <li>Remove the "Rec-select" switch (⑯).</li> </ol> <p><b>● How to remove the "Rec-select" switch</b> Pushing the rec switch, shift it up as in Fig. 1.</p> <p><b>● How to fit the rec switch</b> (1) Shift the switch contact inside. (2) Turn the "Rec-select" switch (selector knob) counterclockwise. (3) Let the "Rec-select" switch claw change with the switch, and shift the "Rec-select" switch down while pushing in.</p>
Ref. No. 3	<b>How to remove the P.C.B.</b>
Procedure 1 → 2 → 3	<ol style="list-style-type: none"> <li>Push the 9 tabs (① ~ ⑨).</li> <li>Remove the tone and volume P.C.B.</li> <li>Remove the 3 screws (⑩ ~ ⑫).</li> <li>Remove the LED P.C.B.</li> <li>Remove the 1 screw (⑬).</li> <li>Push the 2 tabs (⑭, ⑮).</li> <li>Remove the speakers/headphones P.C.B.</li> </ol>

Ref. No. 4	<b>How to remove the main P.C.B.</b>
<b>Procedure 1 → 4</b>	<ol style="list-style-type: none"> <li>1. Remove the 15 screws ( ① ~ ⑯ ).</li> <li>2. Remove the connection rod.</li> <li>3. Remove the main P.C.B.</li> </ol> 
Ref. No. 5	<b>How to remove the power IC.</b>
<b>Procedure 1 → 4 → 5</b>	<ol style="list-style-type: none"> <li>1. Unsolder the power IC.</li> <li>2. Remove the 2 screws ( ① , ② ).</li> <li>3. Remove the 4 washer ( ③ ~ ⑥ ).</li> </ol>  <ul style="list-style-type: none"> <li>● When mounting the power IC, apply silicon thermal compound (SZZ0L15 or equivalent) to the rear of the power IC.</li> </ul>

# MEASUREMENTS AND ADJUSTMENTS

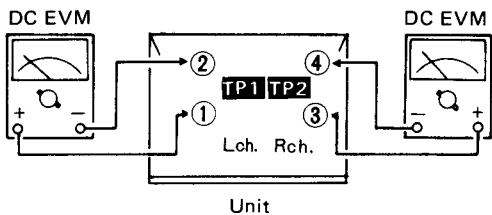
## Control positions and equipment used.

- Volume knob . . . . . 0 (Minimum)
- Main speaker selector . . . . . off
- Remote speaker selector . . . . . off

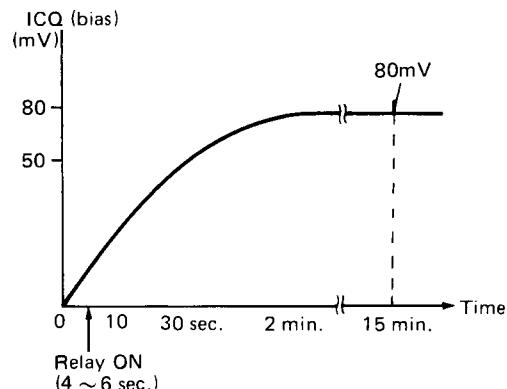
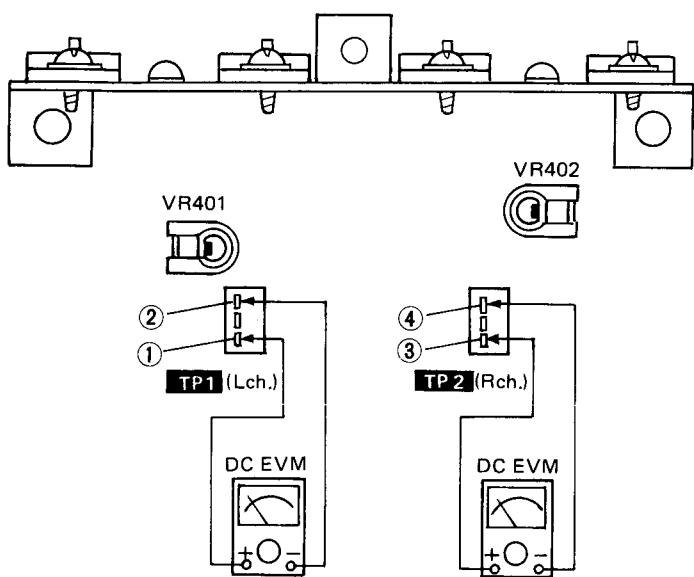
- Speaker impedance switch . . . . .  $8\Omega \sim 16\Omega$
- DC electronic voltmeter (EVM)

## IDLING (ICQ) ADJUSTMENT

- Test equipment connection is shown in figure. Connect the DC EVM. on both channels.)
- Turn the ICQ control volume (**VR401, VR402**) counter-clockwise.
- Turn ON the set when it is cold, and 15 sec. later, adjust **VR401** and **VR402** so that the voltage is **50mV** Also, check that the voltage is **60 ~ 85mV** (standard: **80mV**) after lapse of **10 - 15 minutes**. (Below **85mV** after lapse of **60 min.**).



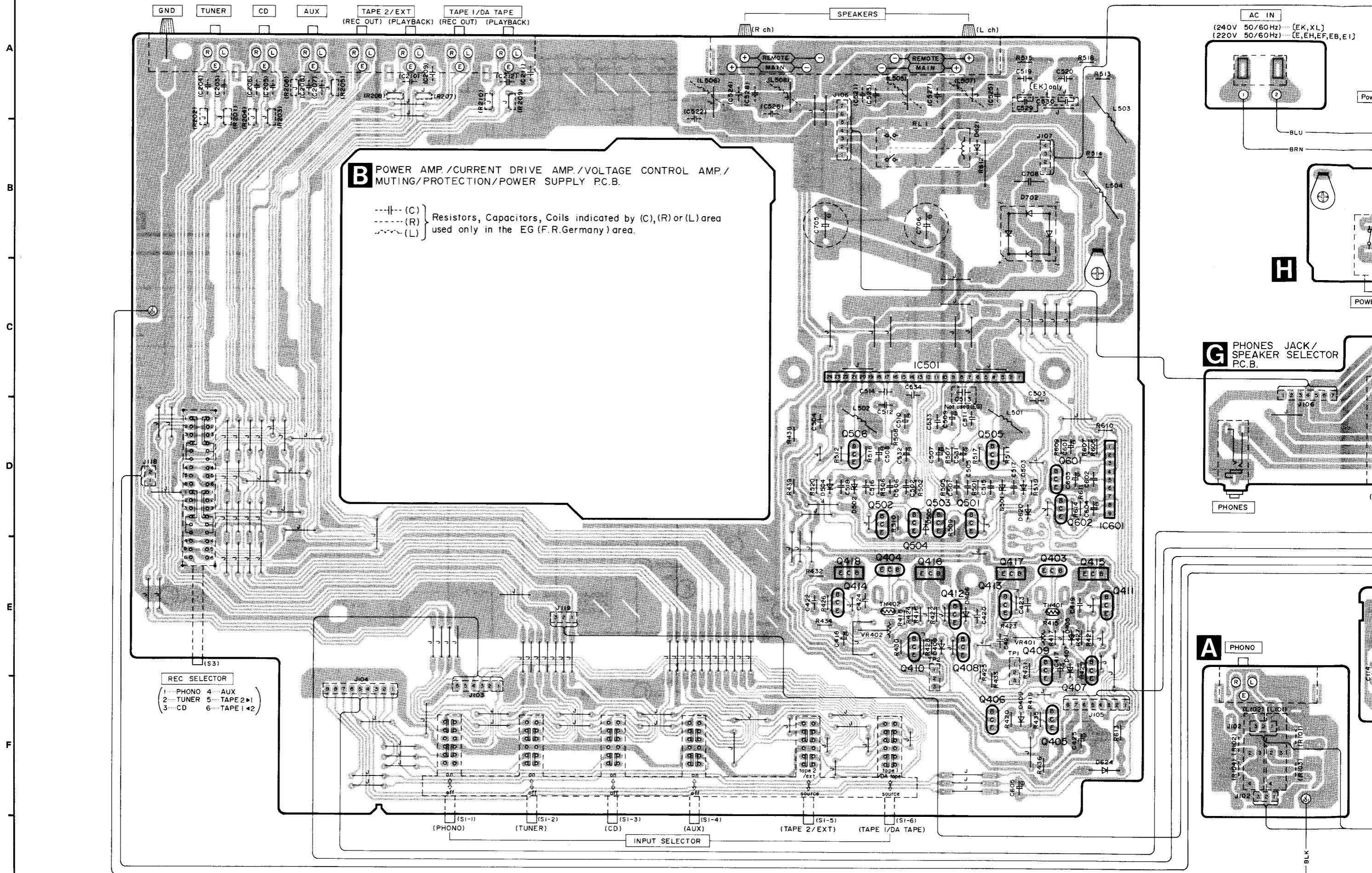
## • Adjustment points Voltage control Amp.



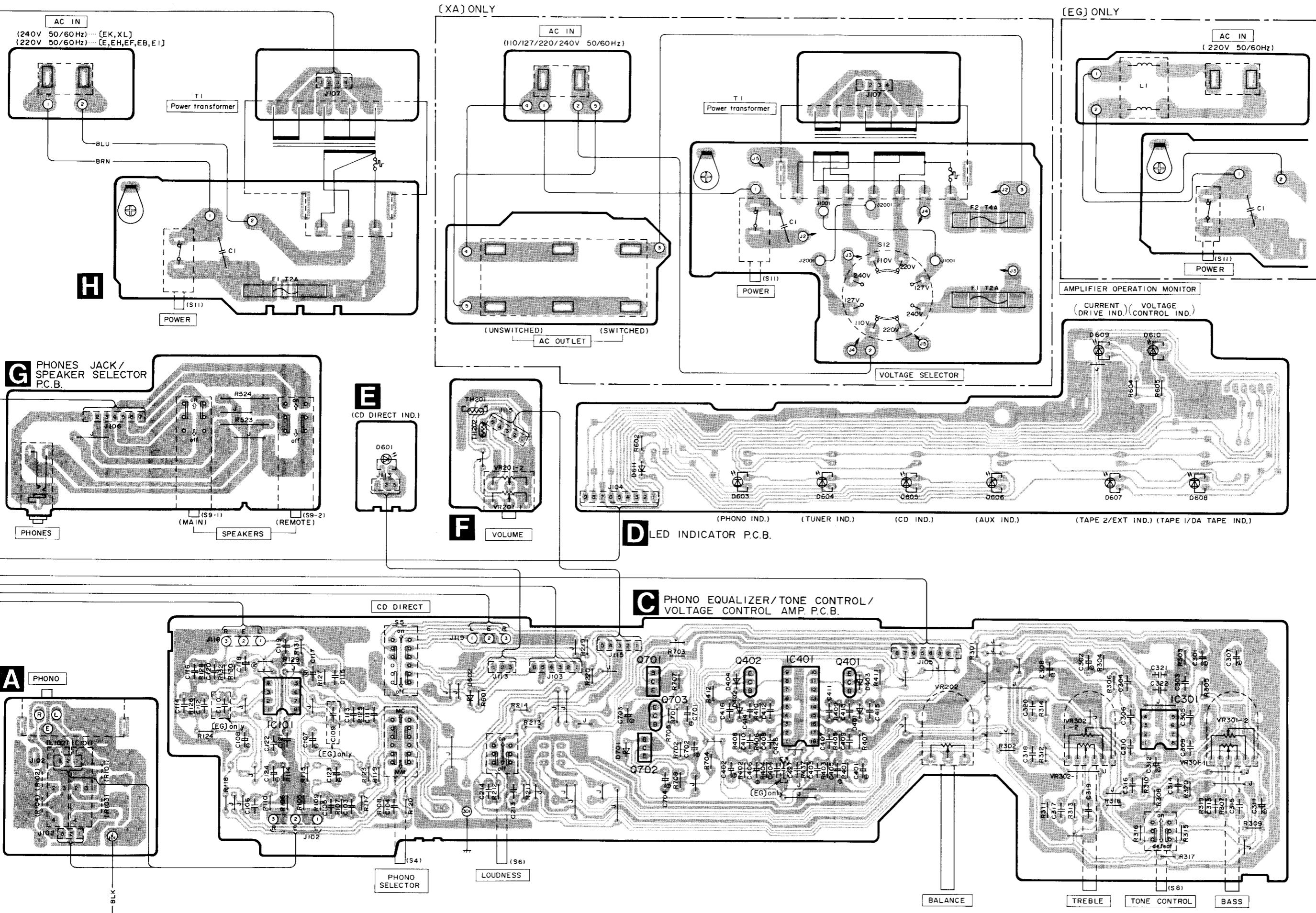
## • Terminal guide of IC, transistor and diodes

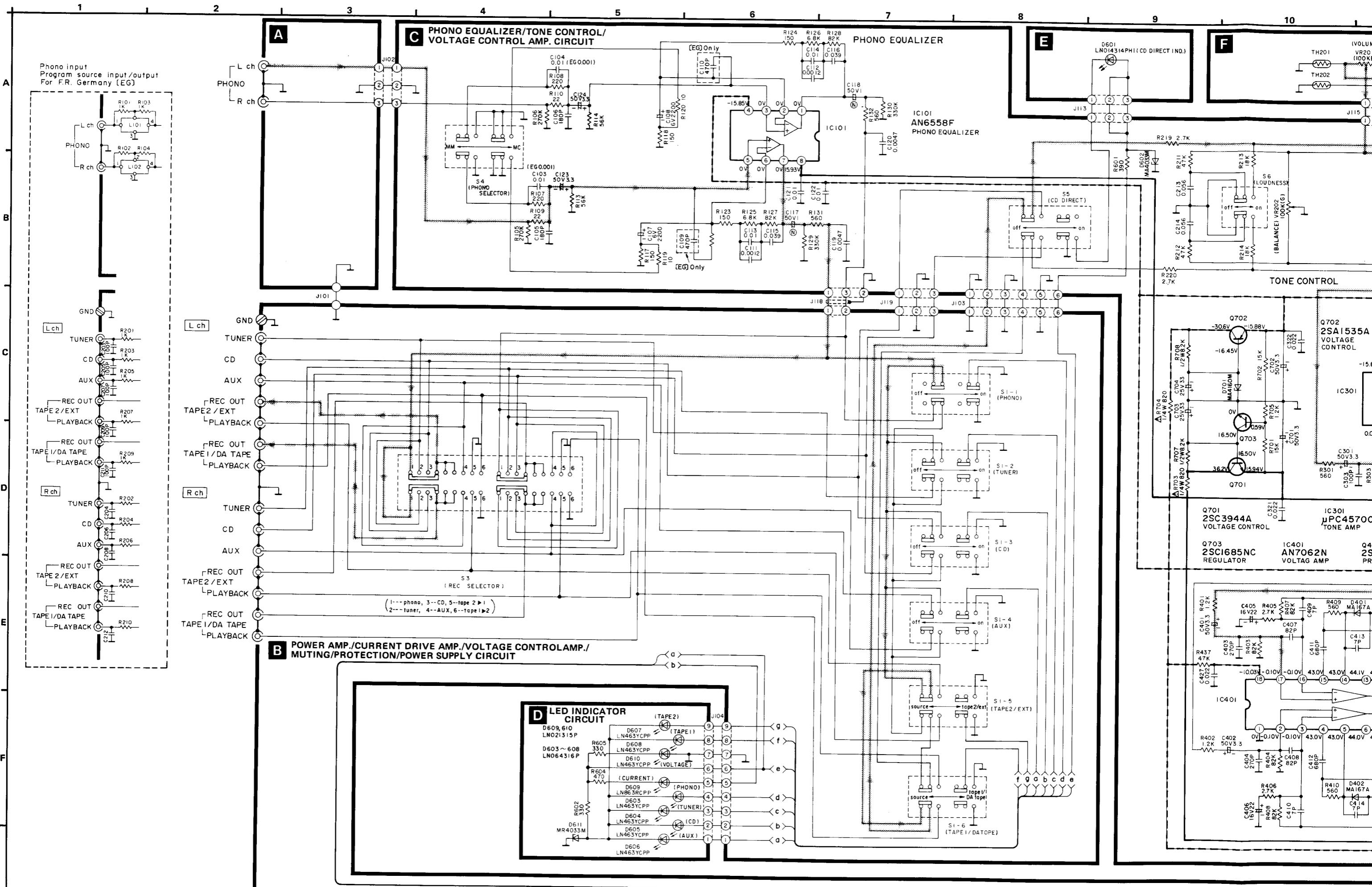
	<b>SVI4004 24pin</b> 	<b>AN7073 9pin</b> 	<b>2SA1123, 2SA992, 2SC1685, 2SC2631</b> 
<b>2SA1309 2SC3311</b> 	<b>2SA1535 2SC3944</b> 	<b>MA165, MA167 SVDS10VB20F SVDSR1K2LF MA29WA</b> 	<b>MA4062M, MA4033M MA4160M</b> 

## ■ PRINTED CIRCUIT BOARDS AND WIRING CONNECTION DIAGRAM



10 11 12 13 14 15 16 17 18 19





10

11

12

13

14

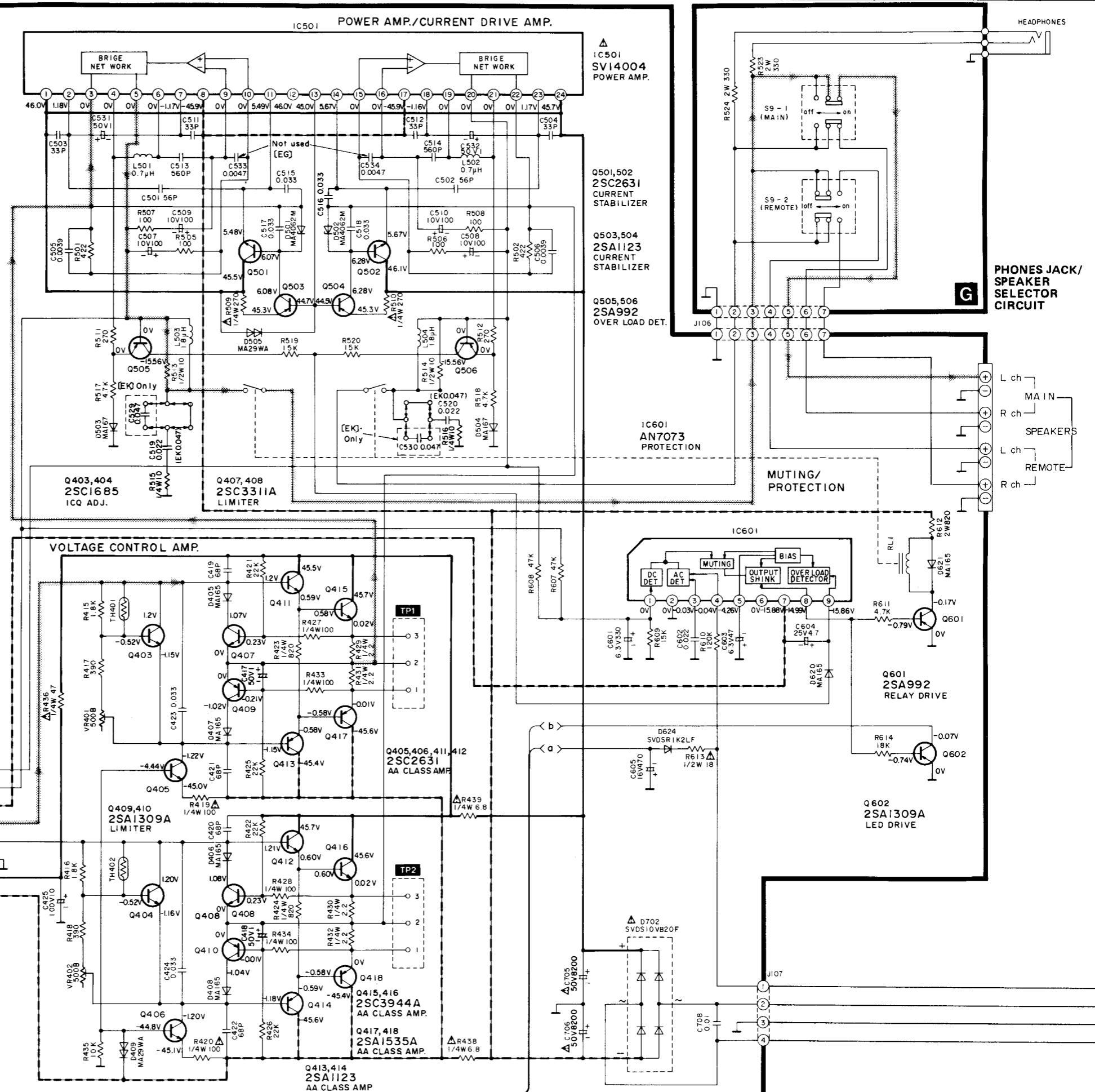
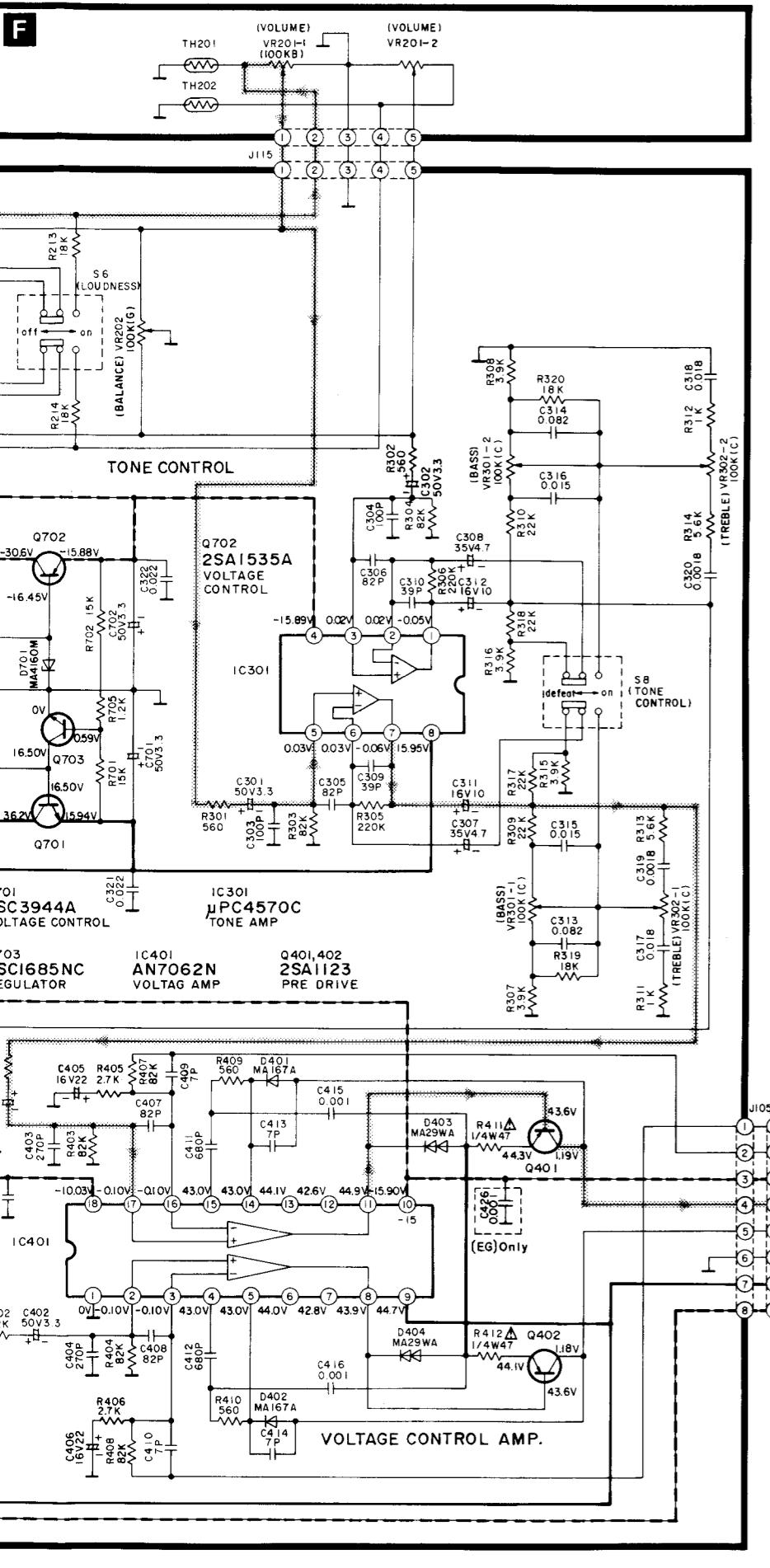
15

16

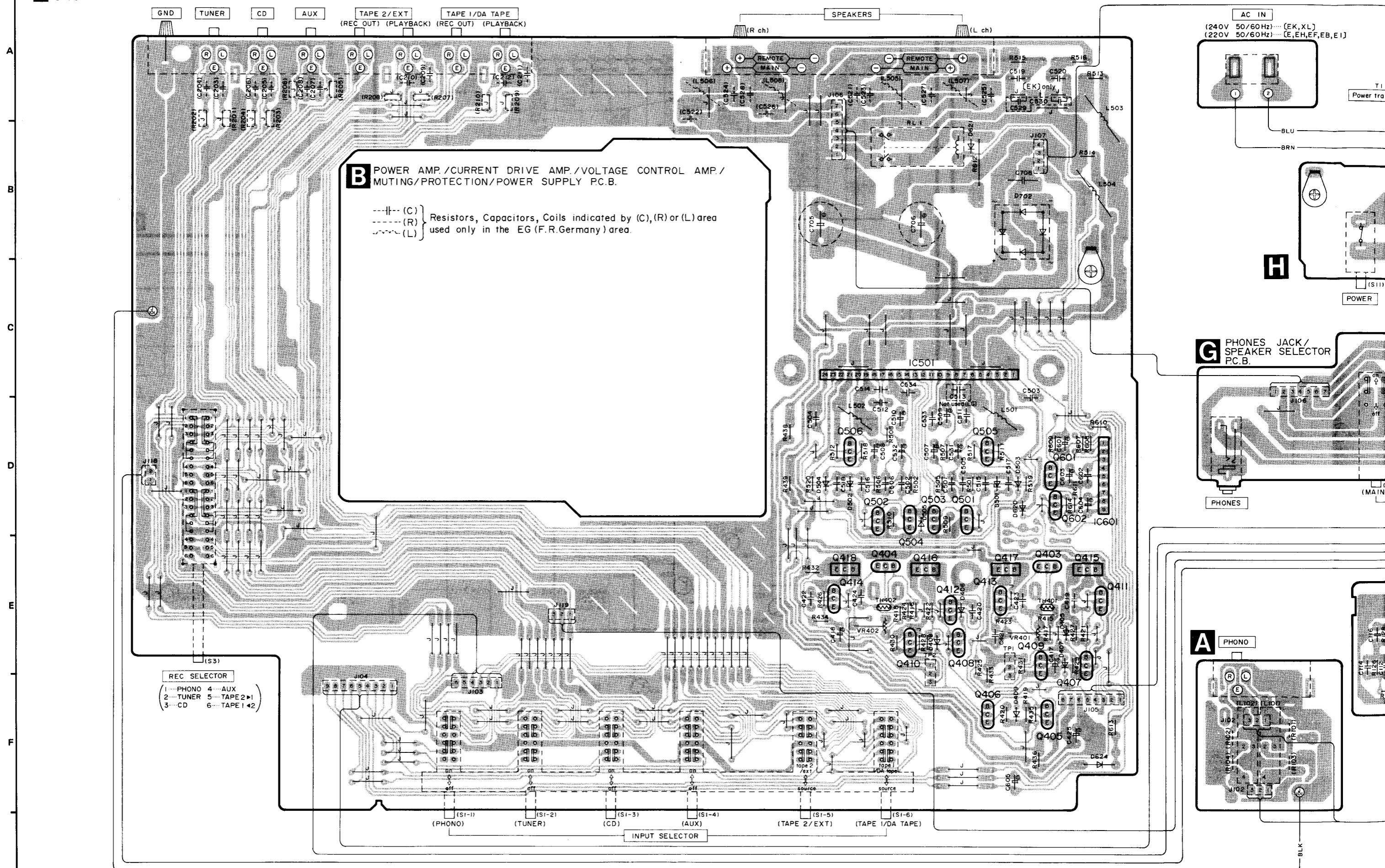
17

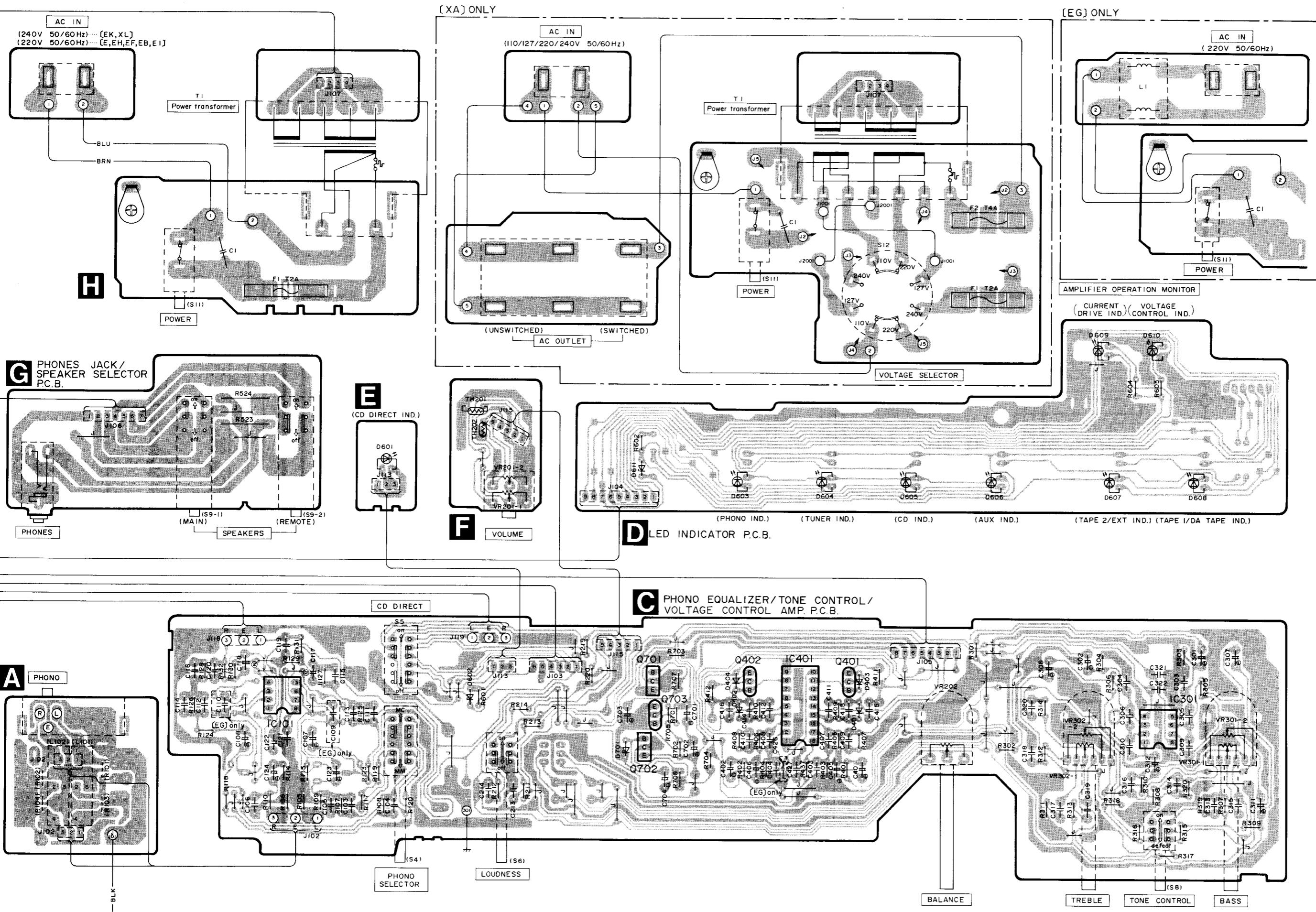
18

19



# PRINTED CIRCUIT BOARDS AND WIRING CONNECTION DIAGRAM



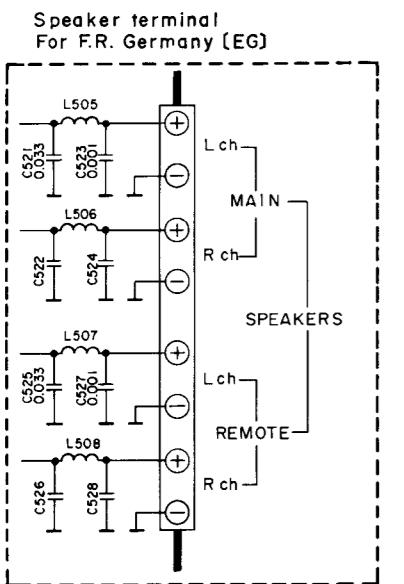


## ■ SCHEMATIC DIAGRAM

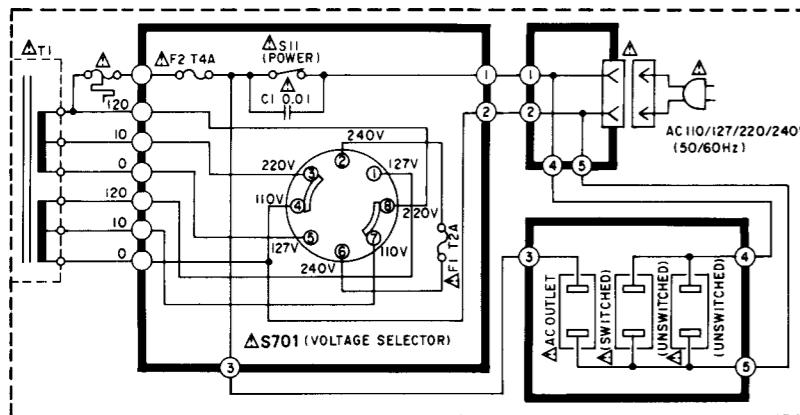
(This schematic diagram may be modified at any time with the development of new technology.)

Note:

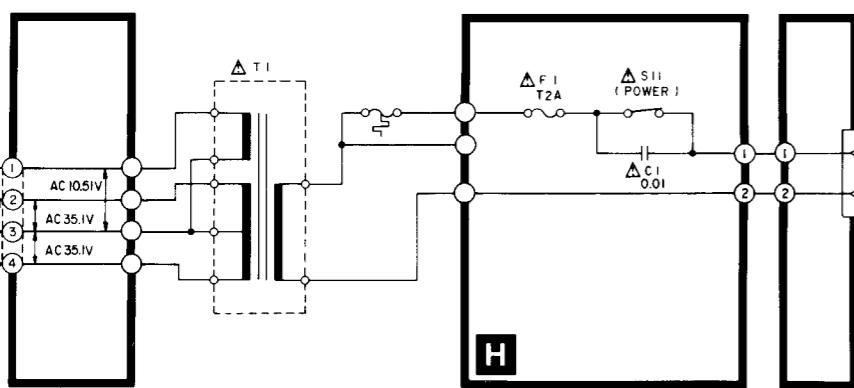
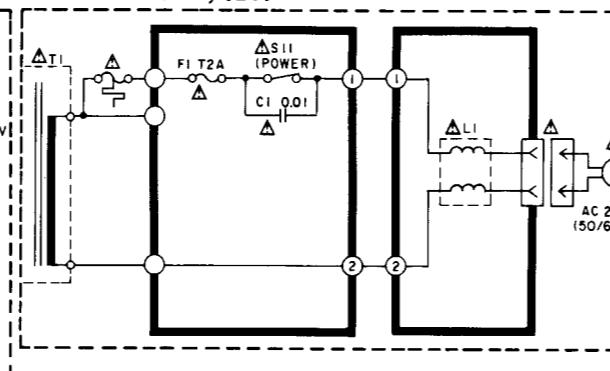
1. **S1-1 ~ S1-4:** Input selector switch in "phono" position.  
S1-1: phono    S1-2: tuner    S1-3: CD  
S1-4: aux      S1-5: Tape 2/ext    S1-6: Tape 1/DA tape
2. **S3-1, S3-2:** Recording selector in "CD" position.
3. **S4:** Phono selector in "MM" position.  
( $\blacksquare$  MM,  $\square$  MC)
4. **S5:** CD direct switch in "off" position.  
( $\blacksquare$  off,  $\square$  on)
5. **S6:** Loudness switch in "off" position.  
( $\blacksquare$  off,  $\square$  on)
6. **S8:** Tone control switch in "defeat" position.  
( $\blacksquare$  defeat,  $\square$  on)
7. **S9-1:** Main speaker switch in "on" position.  
( $\blacksquare$  off,  $\square$  on)
8. **S9-2:** Remote speaker switch in "off" position.  
( $\blacksquare$  off,  $\square$  on)
9. **S11:** Power switch in "on" position.  
( $\blacksquare$  off,  $\square$  on)
10. **S701:** (For [XA] area only) Voltage selector switch in "110V" position.  
(127V  $\leftrightarrow$  110V  $\leftrightarrow$  220V  $\leftrightarrow$  240V)
11. 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.
-  Phono signal (Lch)
-  Positive voltage lines
-  Negative voltage lines.
12. 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.



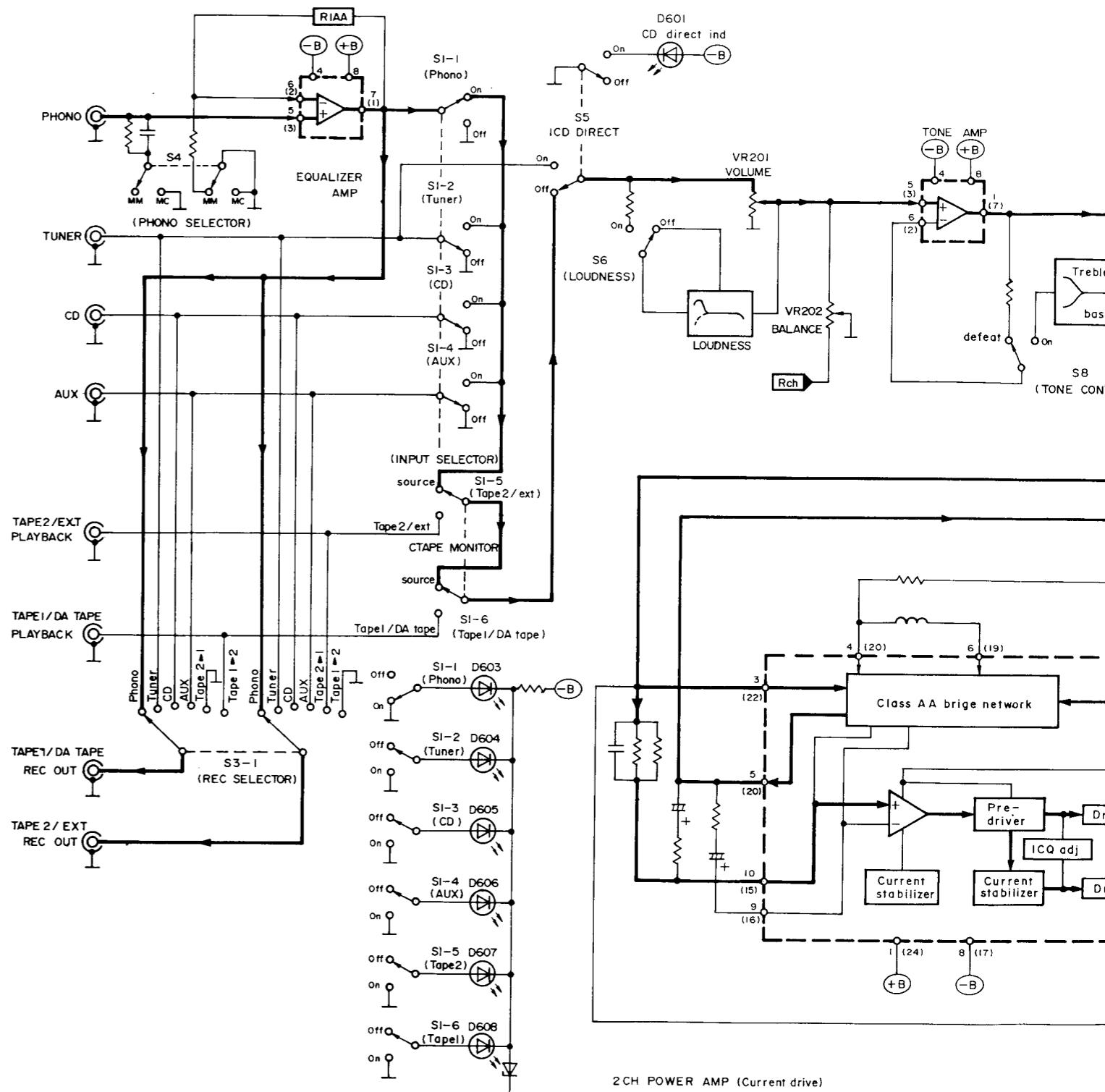
For other areas (XA)



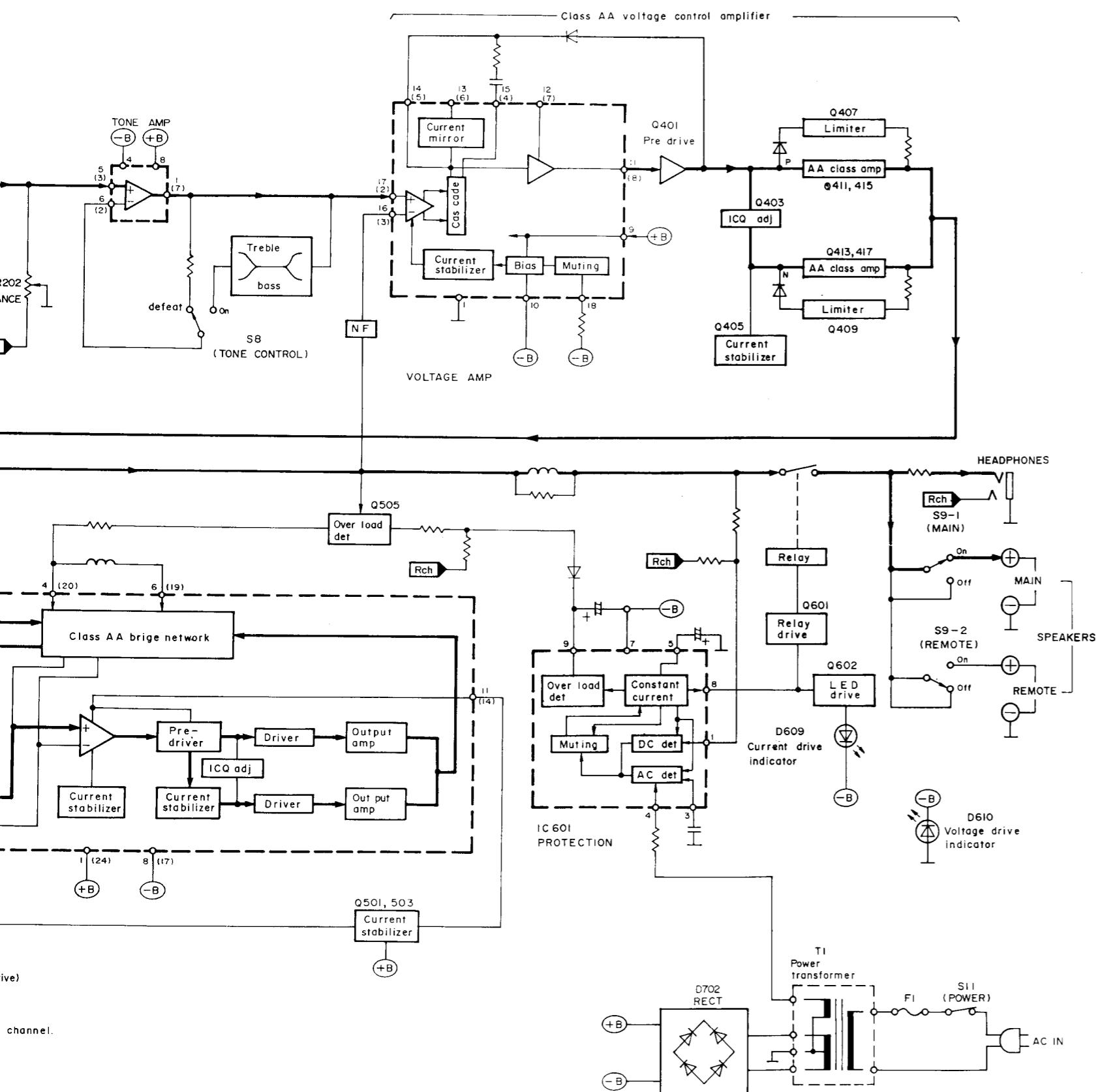
For F.R. Germany (EG)



## ■ BLOCK DIAGRAM



## **REPLACEMENT PARTS LIST**



**Notes:** \* Important safety notice:

Components identified by **▲** mark have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.

\* Bracketed indications in Ref. No. columns specify the area.

Parts without these indications can be used for all areas.

## **Numbering System of Resistor**

### Example

ERD	25	F	J	102
Type	Wattage	Shape	Tolerance	Value
ERX	2	AN	J	471
Type	Wattage	Shape	Tolerance	Value $47 \times 10^3$ (ohm)

#### **Numbering System of Capacitor**

### Example

ECKD	1H	102	Z	F
Type	Voltage	Value	Tolerance	Peculiarity
ECEA	50	M		330
Type	Voltage	Peculiarity	Value (33x10 <sup>9</sup> microfarad)	

Resistor Type		Wattage	Tolerance
ERD	: Carbon	10 : 1/8W	J : ±5%
ERG	: Metal Oxide	12 : 1/2W	F : ±1%
ERX	: Metal Film	25 : 1/4W	G : ±2%
ERQ	: Fuse Type Metal	1A : 1W	K : ±10%
ERD [ ] L	: Carbon (chip)	18 : 1/8W	
ERO [ ] K	: Metal Film (chip)	S2 : 1/4W	
ERC	: Solid	S1 : 1/2W	
		2F : 1/4W	
		50 : 1/2W	
		2A : 2W	

Capacitor Type	Voltage	Tolerance
ECE : Electrolytic	0J : 6.3V	C : ±0.25pF
ECCD : Ceramic	1A : 10V	J : ±5%
ECKD : Ceramic	1C : 16V	K : ±10%
ECQM : Polyester	1E : 25V	Z : +80%
	1H : 50V	-20%
ECQP : Polypropylene	1V : 35V	P : +100%
	50 : 50V	-0%
ECG : Ceramic	05 : 50V	M : ±20%
ECEADDDN: Non Polar	2H : 500V	
	Electrolytic	
QCU□ : Ceramic (Chip Type)	2A : 100V	D : ±0.5pF
ECUX : Ceramic (Chip Type)	1 : 100V	G : ±2%
ECF : Semiconductor	KC: 400V AC	
	KC: 125VAC	
	(UL)	
EECW : Liquid electrolyte	1J : 63V	
double layer capacitor		

Ref. No.	Part No.	Part Code	Ref. No.	Part No.	Part Code	Ref. No.	Part No.	Part Code
RESISTORS			R407, R408	FSR25TJ823T2		CAPACITORS		
R101, R102 (EG)	ERDS2TJ102	001 152 2346 4	R409, R410	ERDS2TJ561	001 152 2364 2	C1 (XA)	ECKDKC103PF2	001 103 3734 7
R103, R104 (EG)	ERDS2TJ102	001 152 2346 4	R411, R412	△ ERD25FJ470	001 152 0309 7	C1 (E, EG, EF)	ECKWNS103ZVS	001 103 9317 6
R105, R106	ERDS2TJ274	001 152 2437 2	R415, R416	ERDS2TJ182	001 152 2352 6	R417, R418	ERDS2TJ391	001 152 2360 6
R107, R108	ERDS2TJ221	001 152 2431 8	R419, R420	△ ERD25FJ101	001 152 0214 3	R421, R422	ERDS2TJ223	001 152 2432 7
R109, R110	ERDS2TJ220	001 152 2430 9	R423, R424	ERD25FJ821	001 152 0354 2	R425, R426	ERDS2TJ223	001 152 2432 7
R113, R114	ERDS2TJ563	001 152 2446 1	R427, R428	ERD25FJ101	001 152 0214 3	R429, R430	ERD25FJ2R2	001 152 0251 8
R117, R118	ERDS2TJ151	001 152 2426 5	R431, R432	ERD25FJ2R2	001 152 0251 8	R433, R434	ERD25FJ101	001 152 0214 3
R119, R120	ERDS2TJ100	001 152 2420 1	R435	ERDS2TJ103	001 152 2347 3	R436	△ ERD25FJ470	001 152 0309 7
R123, R124	ERDS2TJ151	001 152 2426 5	R437	ERDS2TJ473	001 152 2363 3	R438, R439	△ ERD25FJ6R8	001 152 0335 5
R125, R126	ERDS2TJ682	001 152 2365 1	R450, R502	ERD25FJ4220	001 151 5927 2	R451, R506	ERDS2TJ101	001 152 2421 0
R127, R128	ERDS2TJ823	001 152 2456 9	R507, R508	ERDS2TJ101	001 152 2421 0	R509, R510	△ ERD25FJ271	001 152 0272 3
R129, R130	ERDS2TJ334	001 152 2438 1	R511, R512	ERDS2TJ271	001 152 2435 4	R513, R514	ERDS1FJ100	001 152 2612 5
R131, R132	ERDS2TJ561	001 152 2364 2	R515, R516	ERD25FJ100	001 152 0213 4	R517, R518	ERDS2TJ472	001 152 2362 4
R201, R202 (EG)	ERDS2TJ102	001 152 2346 4	R519, R520	ERDS2TJ153	001 152 2351 7	R523, R524	ERG2SJS31	001 151 3570 9
R203, R204 (EG)	ERDS2TJ102	001 152 2346 4	R601	ERDS2TJ391	001 152 2360 6	R602	ERDS2TJ331	001 152 2356 2
R205, R206 (EG)	ERDS2TJ102	001 152 2346 4	R604	ERDS2TJ471	001 152 2361 5	R605	ERDS2TJ331	001 152 2356 2
R207, R208 (EG)	ERDS2TJ102	001 152 2346 4	R607, R608	ERDS2TJ473	001 152 2363 3	R609	ERDS2TJ153	001 152 2351 7
R211, R212	ERDS2TJ473	001 152 2363 3	R610	ERDS2TJ124	001 152 2425 6	R611	ERDS2TJ472	001 152 2362 4
R213, R214	ERDS2TJ183	001 152 2429 2	R612	ERG2SJS21	001 151 4940 9	R613	ERDS1FJ180	001 152 2620 5
R219, R220	FSR25TJ272T2		R614	ERDS2TJ183	001 152 2429 2	R609	ERDS2TJ153	001 152 2351 7
R301, R302	FSR25TJ561T2		R701, R702	ERDS2TJ153	001 152 2351 7	R703, R704	△ ERD25FJ821	001 152 0354 2
R303, R304	ERDS2TJ823	001 152 2456 9	R705	ERDS2TJ122	001 152 2423 8	R707, R708	ERDS1FJ822	001 152 5897 6
R305, R306	ERDS2TJ224	001 152 2433 6	R610	ERDS2TJ124	001 152 2425 6	R611	ERDS2TJ472	001 152 2362 4
R307, R308	ERDS2TJ392	001 152 2439 0	R612	ERG2SJS21	001 151 4940 9	R613	ERDS1FJ180	001 152 2620 5
R309, R310	ERDS2TJ223	001 152 2432 7	R614	ERDS2TJ183	001 152 2429 2	R615	ERD25FJ821	001 152 0354 2
R311, R312	ERDS2TJ102	001 152 2346 4	R701, R702	ERDS2TJ153	001 152 2351 7	R703, R704	△ ERD25FJ821	001 152 0354 2
R313, R314	ERDS2TJ562	001 152 2445 2	R705	ERDS2TJ122	001 152 2423 8	R707, R708	ERDS1FJ822	001 152 5897 6
R315, R316	FSR25TJ392T2		R616	ERDS2TJ124	001 152 2425 6	R617	ERD25FJ821	001 152 0354 2
R317, R318	FSR25TJ223T2		R618	ERDS2TJ124	001 152 2425 6	R619	ERDS2TJ124	001 152 2425 6
R319, R320	ERDS2TJ183	001 152 2429 2	R620	ERG2SJS21	001 151 4940 9	R621	ERG2SJS21	001 151 4940 9
R401, R402	ERDS2TJ122	001 152 2423 8	R622	ERDS2TJ122	001 152 2423 8	R623	ERDS1FJ180	001 152 2620 5
R403, R404	ERDS2TJ823	001 152 2456 9	R624	ERDS2TJ124	001 152 2425 6	R625	ERD25FJ821	001 152 0354 2
R405, R406	FSR25TJ272T2		R626	ERDS2TJ124	001 152 2425 6	R627	ERDS2TJ124	001 152 2425 6

Ref. No.	Part No.	Part Code	Ref. No.	Part No.	Part Code	Ref. No.	Part No.	Part Code
C213, C214	ECQM1H563JZ	001 106 0827 0	C427	△	ECKD1H223PF	001 103 1510 9	(EG)	
C301, C302	ECEA1HPS3R3	001 120 6064 3	C501, C502	ECCD1H560K	001 103 0660 0	C527, C528	ECKD1H102MD	001 103 1424 6
C303, C304	ECCD1H101K	001 103 0341 2	C503, C504	ECCD2H330K	001 103 0754 5	(EG)		
C305, C306	ECCD1H820K	001 103 0703 6	C505, C506	ECQM1H392JZ	001 106 0790 6	C529, C530	ECQM1H473JZ	001 106 0810 9
C307, C308	ECEA1VPS4R7	001 103 0597 0	C507, C508	ECEA1AU101	001 120 2630 5	(EK)		
C309, C310	ECCD1H390K	001 103 0597 0	C509, C510	ECEA1AU101	001 120 2630 5	C531, C532	ECEA1HU010	001 120 2842 1
C311, C312	ECEA1CPS100	001 120 6036 7	C511, C512	ECCD2H330K	001 103 0754 5	C533, C534	ECFTD472KXL	001 108 0746 0
C313, C314	ECQM1H823JZ	001 106 0852 9	C513, C514	ECKD1H561KB	001 103 1576 1	(E, EK, EF)		
C315, C316	ECQM1H153JZ	001 106 0704 0	C515, C516	ECKD1H330PF	001 103 1539 6	(EH, EB, E1)		
C317, C318	ECQM1H183JZ	001 106 0723 7	C517, C518	ECKD1H333PF	001 103 1539 6	(XL, XA)		
C319, C320	ECQM1H182JZ	001 106 0718 4	C519	ECQM1H223JZ	001 106 0739 9	C601	ECEA0JS331	001 120 2975 9
C321, C322	△ ECKD1H223PF	001 103 1510 9	(E, EG, EF)			C602	ECFTD223KXL	001 108 0342 6
C401, C402	ECEA1HPS3R3	001 120 6064 3	(EH, EB, E1)			C603	ECEA0JU470	001 120 3125 9
C403, C404	ECKD1H271KB	001 103 1515 4	(XL, XA)			C604	ECEA1EU4R7	001 120 2840 3
C405, C406	ECEA1CPS220	001 120 6060 7	C519	ECQM1H473JZ	001 106 0810 9	C605	ECEA1CU471	001 120 3202 3
C407, C408	ECCD1H820K	001 103 0703 6	(EK)			C701, C702	ECEA1HU3R3	001 120 3254 1
C409, C410	ECCD1H707D	001 103 0274 6	C520	ECQM1H223JZ	001 106 0739 9	C703, C704	ECEA1ES330	001 120 2927 7
C411, C412	ECKD1H681K	001 103 1580 5	(E, EG, EF)			C705, C706	ECEA1HV822UM	001 120 6259 4
C413, C414	ECCD2H707D	001 103 0727 8	(EH, EB, E1)			C708	ECKD2H103PE	001 103 1626 8
C415, C416	ECQM1H102JZ	001 106 0661 4	(XL, XA)			(E, EK, EF)		
C417, C418	ECEA1HJU010	001 120 2842 0	C520	ECQM1H473JZ	001 106 0810 9	(EH, EB, E1)		
C419, C420	ECCD2H680K	001 103 0772 3	(EK)			(XL, XA)		
C421, C422	ECCD2H680K	001 103 0772 3	C521, C522	ECQM1H333JZ	001 106 0779 1	C708	ECQE2104KS	001 106 0232 1
C423, C424	ECKD1H333PF	001 103 1539 6	(EG)			C712	△ ECKD1H223PF	001 103 1510 9
C425	ECEA2AU100	001 120 4922 4	C523, C524	ECKD1H102MD	001 103 1424 6	(EG)		
C426	ECKD1H102KB	001 103 1414 8	(EG)			C525, C526	ECQM1H333JZ	001 106 0779 1

Ref. No.	Part No.	Part Code	Description	Ref. No.	Part No.	Part Code	Description	Ref. No.	Part No.	Part Code	Description
<b>CABINET AND CHASSIS</b>											
1	§ SBC666	016 702 5545 6	BUTTON, POWER	40	SJS9231A	003 410 5984 5	SOCKET COVER	(E, EG, EK)			
1	§ SBC666-5	016 702 6679 9	BUTTON, POWER	(EF, EH, EB)							
2	§ SBN1206	016 700 1846 2	KNOB	(E1, XA)							
2	§ SBN1207-1	016 700 1845 3	KNOB	40	△ SJS9234A	003 400 5921 6	AC INLET COVER	(XL)			
3	§ SBN1089-3	016 700 1861 3	KNOB	(E1, XA)							
3	§ SBN1089-4	016 700 1860 4	KNOB	41	SMX477-1	016 600 0501 5	SHIELD SPACER	(EG)			
4	§ SBN1210	016 700 1859 7	KNOB	42	SJF3062N	003 410 6082 0	TERMINAL BOARD	(E1, XA)			
4	§ SBN1210-1	016 700 1862 2	KNOB	43	SJF3057-5N	003 410 6144 3	TERMINAL BOARD	(E1, XA)			
5	§ SGMUV55A-KE	016 840 7889 9	FRONT PANEL	44	SMX910	016 600 0495 6	SHIELD SPACER	(E, EG, EK)			
5	§ SGMUV55A-SE	016 840 8024 3	FRONT PANEL	(EF, EH, EB)							
6	§ SGX7914	016 846 3856 1	ORNAMENT	(E1, XL)							
6	§ SGX7914-1	016 846 3857 1	ORNAMENT	(E1, XA)							
7	§ SGL246	016 846 3839 5	ORNAMENT	45	SNE4021	005 507 0372 5	NUT	(E, EG, EK)			
9	§ SGXUV55A-KE	016 846 3904 0	ORNAMENT	46	XTBS3+10JFZ1	005 501 3413 1	TAPPING SCREW	(XL)			
9	§ SGXUV55A-SE	016 846 3927 3	ORNAMENT	47	XTB3+10GFR	005 501 3126 5	SCREW	(E, EG, EK)			
10	§ SXE1129	016 601 0639 9	HEAT SINK	48	XTW3+10T	005 501 0996 9	SCREW	(E1, XA)			
11	§ SMC6407-1	016 601 0633 9	SHIELD COVER	49	SNE2129	005 500 8058 5	SCREW	(E, EG, EK)			
13	§ SBC439	016 702 0595 6	BUTTON	50	XTBS3+10JFZ1	005 501 3413 1	TAPPING SCREW	(E1, XA)			
13	§ SBC439-2	016 702 6011 7	BUTTON	51	XTB3+8FZ	005 501 2531 0	TAPPING SCREW	(E, EG, EK)			
14	§ SJU126B	003 400 5920 7	JACK	52	XYN3+F8	005 503 0513 0	SCREW	(E1, XA)			
15	§ SBC719	016 702 6143 6	BUTTON	53	XTB3+20J	005 501 3410 4	SCREW	(E, EG, EK)			
15	§ SBC719-1	016 702 1277 3	BUTTON	54	XTW3+8T	005 501 1358 9	SCREW	(E1, XA)			
16	§ LN014314PH1	016 702 6431 1	DIODE, GAASP	55	XTB3+20F1	005 501 2522 1	SCREW	(E, EG, EK)			
17	§ SBC820	016 702 6432 0	BUTTON	56	XYN3+F14	005 503 0346 7	TAPPING SCREW	(E1, XA)			
18	§ LN021315P	001 032 8371 8	DIODE, GAASP	57	SHR301	016 645 0044 0	CLAMPER	(E, EG, EK)			
19	§ LN064316P	001 032 8373 6	DIODE, GAASP	58	SJS5341	003 403 4292 1	CONNECTOR	(E1, XA)			
20	§ SUB233	016 712 0272 6	ROD	59	SJT331	003 410 1819 3	PLUG	(E, EG, EK)			
21	§ SJT388	003 410 6092 8	LUG TERMINAL	60	SJT3711	003 410 6955 6	CONNECTOR	(E1, XA)			
22	§ SHR415	016 652 0088 7	LOCK PIN	61	SJT30840LX-V	003 410 5989 9	LUG TERMINAL	(E, EG, EK)			
23	§ SJS305-1	016 620 0300 0	JACK, SOCKET	61	SJT30940LX-V	003 410 6150 5	LUG TERMINAL	(E1, XA)			
24	§ SKC1760K992	016 800 2648 5	CABINET	62	SJT783	003 410 6001 7	CONTACT	(E, EG, EK)			
24	§ SKC1760S992	016 800 2689 6	CABINET	63	SJS5215	003 400 5923 4	CONNECTOR	(E1, XA)			
25	§ SKL308	016 828 0300 0	FOOT	63	SJS5331	003 400 5924 3	CONNECTOR	(E, EG, EK)			
26	§ SKL309	016 828 0329 3	FOOT	63	SJS5629	003 400 5917 2	CONNECTOR	(E1, XA)			
27	§ SUB254	016 712 0318 9	ROD	64	SJS5715						

■ EXPLODED VIEW

