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Service Manual

Stereo Integrated Amplifier

SU-7100

(XE),(XGF),(XG),(XGH)
(XSD),(XSW)

SU-7100K

(XG),(XGH),(XSD),(XSW)



- * SU-7100K is different in appearance and colour-tone.
- * Cabinet colour and configuration of ventilation holes differ according to area.

- * The model SU-7100(XE) is available in England only.
- * The model SU-7100(XGF) is available in France only.
- * The model SU-7100/K(XG) is available in European only.
- * The model SU-7100/K(XGH) is available in Holland only.
- * The model SU-7100/K(XSD) is available in Scandinavia only.
- * The model SU-7100/K(XSW) is available in Switzerland only.

TECHNICAL SPECIFICATIONS

Specifications are subject to change without notice for further improvement.

[DIN 45 500]

AMPLIFIER SECTION

1kHz continuous power both channels driven	2 x 40 W (4Ω), 2 x 37 W (8Ω)
40Hz~16kHz continuous power both channels driven	2 x 38 W (4Ω), 2 x 36 W (8Ω)
20Hz~20kHz continuous power both channels driven	2 x 36 W (4Ω), 2 x 35 W (8Ω)
Power bandwidth both channels driven at 4Ω, 8Ω	5 Hz~30 kHz, -3 dB
Residual hum & noise	0.6mV
Total harmonic distortion	
rated power at 1 kHz	0.1% (4Ω, 8Ω)
rated power at 20 Hz~20 kHz	0.1% (4Ω, 8Ω)
rated power at 40 Hz~16 kHz	0.1% (4Ω, 8Ω)
half rated power at 20 Hz~20 kHz	0.06% (4Ω, 8Ω)
half rated power at 1 kHz	0.03% (4Ω, 8Ω)
-26 dB rated power at 1 kHz	0.1% (4Ω)
50 mW power at 1 kHz	0.2% (4Ω)
Intermodulation distortion	
rated power at 250 Hz: 8000 Hz=4:1, 4Ω	0.15%
rated power at 60 Hz: 7 kHz=4:1, 8Ω	0.1%
Damping factor	20 (4Ω), 40 (8Ω)
Input sensitivity and impedance	
PHONO	2.5 mV/47 kΩ
TUNER, TAPE 2 PLAYBACK	150 mV/33 kΩ
TAPE 1 PLAYBACK, REC/PLAY input	180 mV/36 kΩ
PHONO maximum input voltage (1 kHz, RMS)	110mV

S/N

rated power, 4Ω	PHONO 63 dB (IHF, A: 78 dB)
	TUNER, TAPE 83 dB (IHF, A: 97 dB)

-26dB rated power, 4Ω

50mW power output, 4Ω	PHONO 55 dB, TUNER, TAPE 58 dB
	PHONO 53 dB, TUNER, TAPE 53 dB

Frequency response

PHONO (30 Hz~15 kHz)	RIAA standard curve ±0.5 dB
TUNER, TAPE	10Hz~80kHz, -3 dB
	15Hz~40kHz, -1 dB
	20Hz~20kHz, ±0.5 dB

Tone controls

BASS	50 Hz, +12 dB~-12 dB
TREBLE	20 kHz, +12 dB~-12 dB

Loudness control (volume at -30 dB)

High filter	100 Hz, +8 dB
Output voltage	8 kHz, -6 dB/oct.

Output voltage

TAPE 1,2 REC OUT	150mV
TAPE 1 REC/PLAY output	30mV/82kΩ

Channel balance (250 Hz~6300 Hz)

Channel separation at 1 kHz	±1.5 dB
Headphones level and output impedance	50 dB
Load impedance	400 mV/330Ω

MAIN or REMOTE

	4~16 Ω
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GENERAL

Power consumption	340W
Power supply (50 Hz/60 Hz)	220V/240V

Dimensions (W x H x D)

	410 x 139 x 329 mm (16 1/8" x 5 1/2" x 12 3/4")
Weight	6.6 kg (14.6 lb.)

TECHNISCHE DATEN (DIN 45 500) Spezifikationen können infolge von Verbesserungen ohne Ankündigung geändert werden.

VERSTÄRKERTEIL

RMS-Dauertonleistung bei 1 kHz	
beide Kanäle zusammen ausgesteuert	2 x 40 W (4Ω) 2 x 37 W (8Ω)
RMS-Dauertonleistung bei 40 Hz ~ 16 kHz	
beide Kanäle zusammen ausgesteuert	2 x 38 W (4Ω) 2 x 36 W (8Ω)
RMS-Dauertonleistung bei 20 Hz ~ 20 kHz	
beide Kanäle zusammen ausgesteuert	2 x 36 W (4Ω) 2 x 35 W (8Ω)
Leistungsbandbreite	
beide Kanäle ausgesteuert bei 4 Ω, 8 Ω 5 Hz ~ 30 kHz, -3 dB	
Harmonische Verzerrungen	
Nennleistung bei 1 kHz	0.1% (4Ω, 8Ω)
Nennleistung bei 20 Hz ~ 20 kHz	0.1% (4Ω, 8Ω)
Nennleistung bei 40 Hz ~ 16 kHz	0.1% (4Ω, 8Ω)
- 26 dB Ausgangsleistung bei 1 kHz	0.1% (4Ω)
50 mW Ausgangsleistung bei 1 kHz	0.2% (4Ω)
Intermodulationsverzerrung	
Nennleistung bei 250 Hz: 8000 Hz = 4:1, 4 Ω	0.15%
Nennleistung bei 60 Hz: 7 kHz = 4:1, 8 Ω	0.1%
Dämpfungsfaktor	20 (4Ω), 40 (8Ω)
Eingangsempfindlichkeit & Impedanz	
PHONO	2.5 mV/47 kΩ
TUNER, TAPE 2 PLAYBACK	150 mV/33 kΩ
TAPE 1 PLAYBACK, REC/PLAY Eingang	180 mV/36 kΩ
PHONO Maximale Eingangsspannungen (1kHz RMS)	110 mV
Hum & Noise	0.6 mV

Fremdspannungsabstand	
Nennleistung, 4 Ω	PHONO 63 dB (IHF, A: 78 dB) TUNER, TAPE 83 dB (IHF, A: 97 dB)
-26 dB Ausgangsleistung, 4 Ω	
50 mW Ausgangsleistung, 4 Ω	PHONO 55 dB, TUNER, TAPE 58 dB
Frequenzgang	PHONO 53 dB, TUNER, TAPE 53 dB
	RIAA Standardkurve ± 0.5 dB
	10 Hz ~ 80 kHz, -3 dB
	15 Hz ~ 40 kHz, -1 dB
	20 Hz ~ 20 kHz, ± 0.5 dB
Klangregler	BÄSSE 50 Hz, + 12 dB ~ - 12 dB
	HÖHEN 20 kHz, + 12 dB ~ - 12 dB
Gehörgerechte Lautstärkekorrektur (Lautstärke bei -30 dB)	
	100 Hz, + 8 dB
Hochtonfilter	8 kHz, - 6 dB/oct.
Ausgangsspannungen TAPE 1, 2 REC OUT	150 mV
TAPE 1 REC/PLAY Aufnahme	30 mV/82 kΩ
Kanalabweichung (250 Hz ~ 6300 Hz)	± 1.5 dB
Kanaltrennung bei 1 kHz	50 dB
Kopfhörerpegel und Ausgangsimpedanz	400 mV/330 Ω
Endimpedanz MAIN oder REMOTE	4 ~ 16 Ω

ALLGEMEINE DATEN

Leistungsaufnahme	340 W
Netzspannung umschaltbar (50 Hz/60 Hz)	220 V/240 V
Abmessungen (B x H x T)	410 x 139 x 329 mm
Gewicht	6.6 kg

CARACTERISTICS TECHNIQUES (DIN 45 500)

Sujet à changement sans préavis.

SECTION AMPLIFICATEUR

Puissance RMS (continue) de 1 kHz	
pour l'ensemble des canaux excités	2 x 40 W (4Ω) 2 x 37 W (8Ω)
Puissance RMS (continue) de 40 Hz à 16 kHz	
pour l'ensemble des canaux excités	2 x 38 W (4Ω) 2 x 36 W (8Ω)
Puissance RMS (continue) de 20 Hz à 20 kHz	
Pour l'ensemble des canaux excités	2 x 36 W (4Ω) 2 x 35 W (8Ω)
Largeur de bande de puissance	
pour l'ensemble des canaux excités 4 Ω, 8 Ω	5 Hz ~ 30 kHz, -3 dB
Ronflement et bruit	0.6 mV
Distorsion harmonique totale	
pour la puissance mesurée à 1 kHz	0.1% (4Ω, 8Ω)
pour la puissance mesurée à 20 Hz ~ 20 kHz	0.1% (4Ω, 8Ω)
pour la puissance mesurée à 40 Hz ~ 16 kHz	0.1% (4Ω, 8Ω)
pour une puissance mesurée de -26 dB, 1 kHz	0.1% (4Ω)
pour une puissance mesurée de 50 mW, 1 kHz	0.2% (4Ω)
Distorsion d'intermodulation	
pour la puissance mesurée à 250 Hz: 8 kHz = 4:1, 4 Ω	0.15%
pour la puissance mesurée à 60 Hz: 7 kHz = 4:1, 8 Ω	0.1%
Facteur d'amortissement	20 (4Ω), 40 (8Ω)
Sensibilité & impédance d'entrée	
PHONO	2.5 mV/47 kΩ
TUNER, TAPE 2 PLAYBACK	150 mV/33 kΩ
TAPE 1 PLAYBACK, REC/PLAY entrée	180 mV/36 kΩ
Voltage d'entrée maximum (PHONO, 1 kHz RMS)	110 mV

Signal/Bruit

pour la puissance nominale, 4 Ω	
PHONO	63 dB (IHF, A: 78 dB)
TUNER, TAPE	83 dB (IHF, A: 97 dB)
pour une sortie de -26 dB, 4 Ω	
PHONO	55 dB, TUNER, TAPE 58 dB
pour une sortie de 50 mW, 4 Ω	
PHONO	53 dB, TUNER, TAPE 53 dB

Réponse de fréquence

PHONO	Courbe standard RIAA ± 0.5 dB
TUNER, TAPE	10 Hz ~ 80 kHz, -3 dB
	15 Hz ~ 40 kHz, -1 dB
	20 Hz ~ 20 kHz, ± 0.5 dB

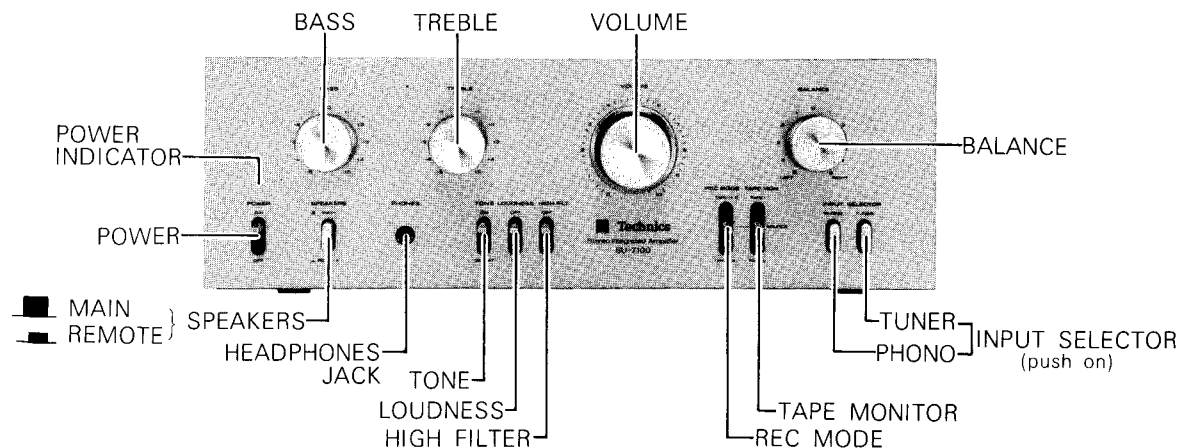
Réglage de la tonalité

BASS (graves)	50 Hz, + 12 dB ~ - 12 dB
TREBLE (aigus)	20 kHz, + 12 dB ~ - 12 dB
Contrôle d'intensité sonore (volume à -30 dB)	100 Hz, + 8 dB
Filtre haut	8 kHz, -6 dB/oct.
Tension de sortie TAPE 1, 2 REC OUT	150 mV
TAPE 1 REC/PLAY (sortie)	30 mV/82 kΩ
Equilibrage de canaux (250 Hz ~ 6300 Hz)	± 1.5 dB
Ecart canaux à 1 kHz	50 dB
Niveau des écouleurs et impédance de sortie	400 mV/330 Ω
Impédance de charge PRINCIPALE ou ELOIGNEE	4 ~ 16 Ω

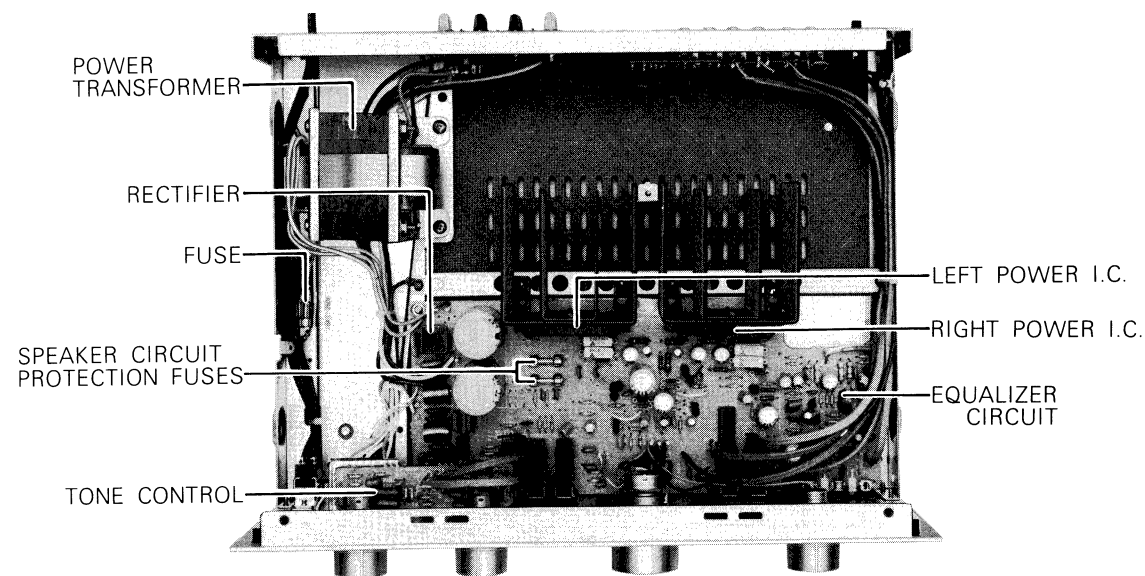
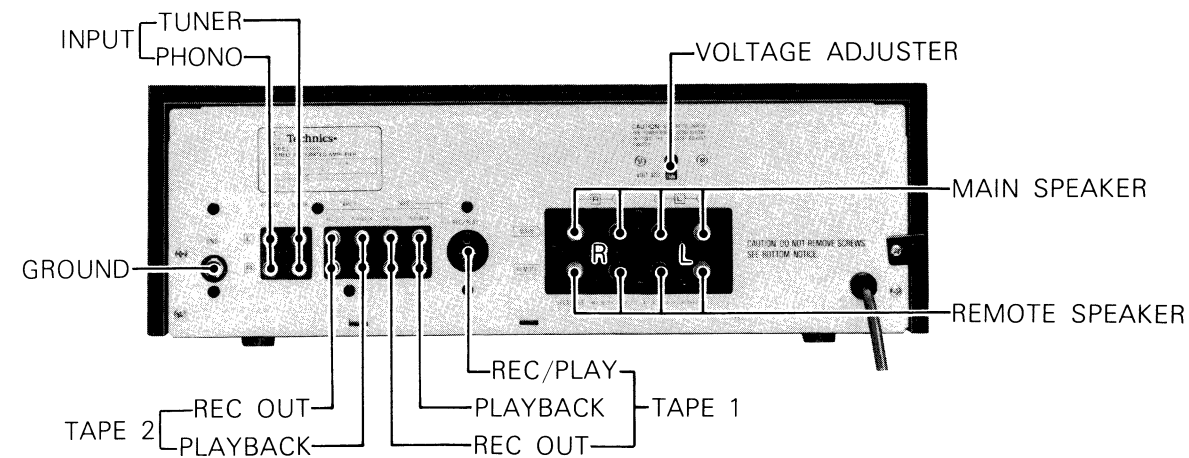
GENERALITES

Consommation	340 W
Alimentation (50 Hz/60 Hz)	220 V/240 V
Dimensions (L x H x Pr)	410 x 139 x 329 mm
Poids	6.6 kg

LOCATION OF CONTROLS



Note: The unit is provided with the speaker circuit protection fuses at the right and left channels respectively. The fuses is to prevent the power IC from destruction. should the speaker terminals be short-circuited. Accordingly, if the unit fails to function upon completion of the speaker connections, check the speaker protection fuses first of all for possible blowing.



■ TO REMOVE THE CABINET

1. Remove the four screws [fig. 1: ①~④] at the left and right sides of the cabinet.
2. Loosen the chassis screw [fig. 1: ⑤] at the right side of the rear panel.
3. Grasp the left and right sides of the cabinet, and lift it upward to separate it from the chassis.
4. To re-install the cabinet, reverse the above steps. Finally, tighten the metal clamp.

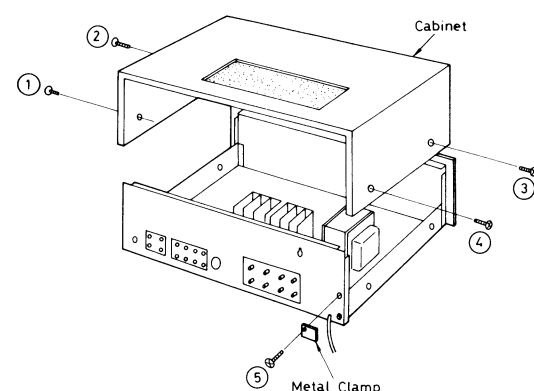


Fig. 1

■ TO REMOVE THE BOTTOM BOARD

1. Remove the cabinet.
2. Remove the five screws [fig. 2: ⑥~⑩] holding the bottom panel.
3. Because the rear edge of the bottom panel is inserted in the opening between the rear panel and the chassis, the bottom panel can be removed (in the direction shown by the arrow) by slightly lifting its front, as shown in figure 2.

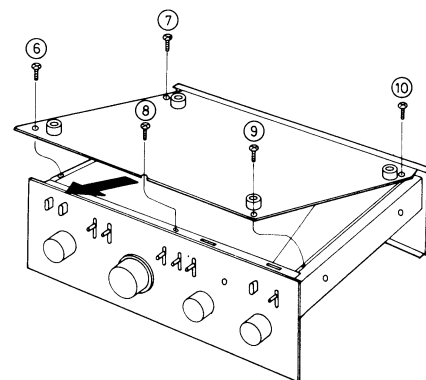


Fig. 2

■ TO REMOVE THE FRONT PANEL

1. Remove the cabinet and bottom board.
2. Pull off the bass, treble, balance and volume control knobs.
3. Remove the nut holding the volume control, and remove the ornament from the panel.
4. Remove the two screws [fig. 3: ⑪~⑫] which hold the panel.
5. Set all lever-type switches to the lower position, and push all pushbuttons to the pushed-in positions.
6. The 3 projections on the chassis are fitted into the 3 holes on the bottom of the front panel.
7. Because the power indicator printed-circuit board is bonded to the rubber piece on the rear of the front panel, special care should be taken when removing the printed-circuit board so as not to break it.
8. For re-installation, the above steps should be followed in reverse.

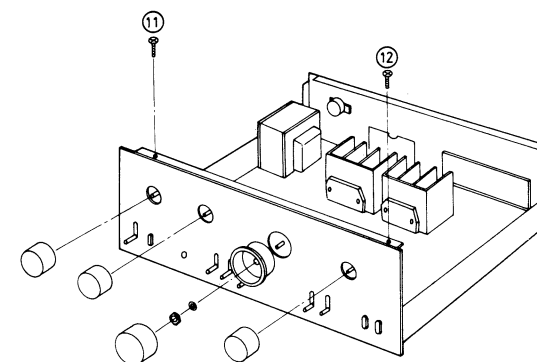


Fig. 3

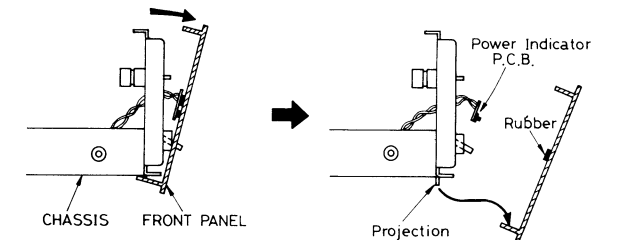
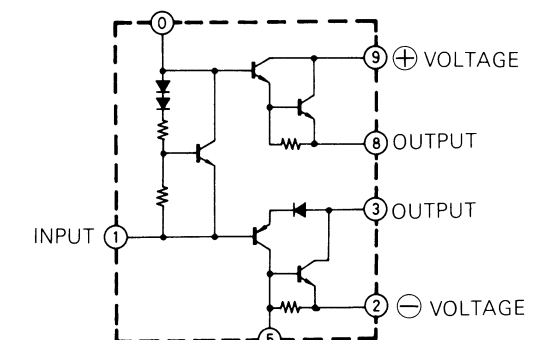


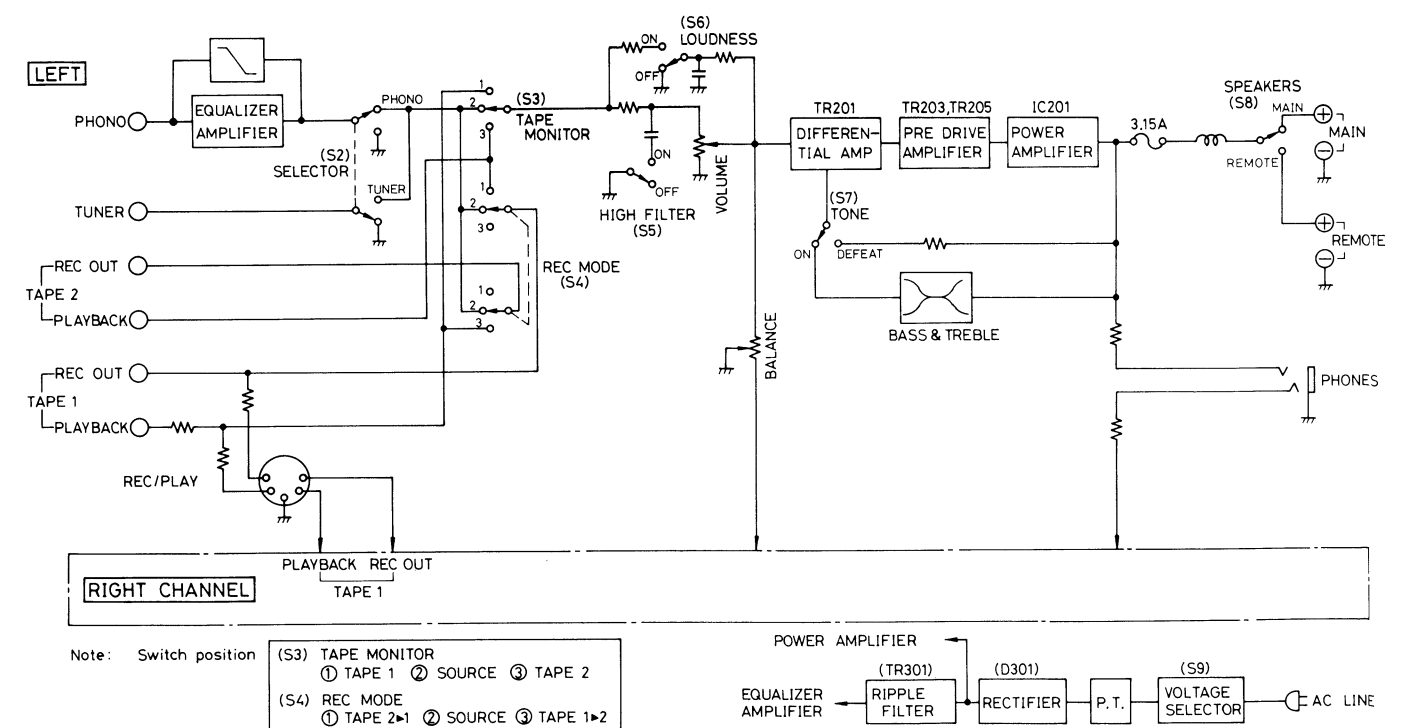
Fig. 4

Fig. 5

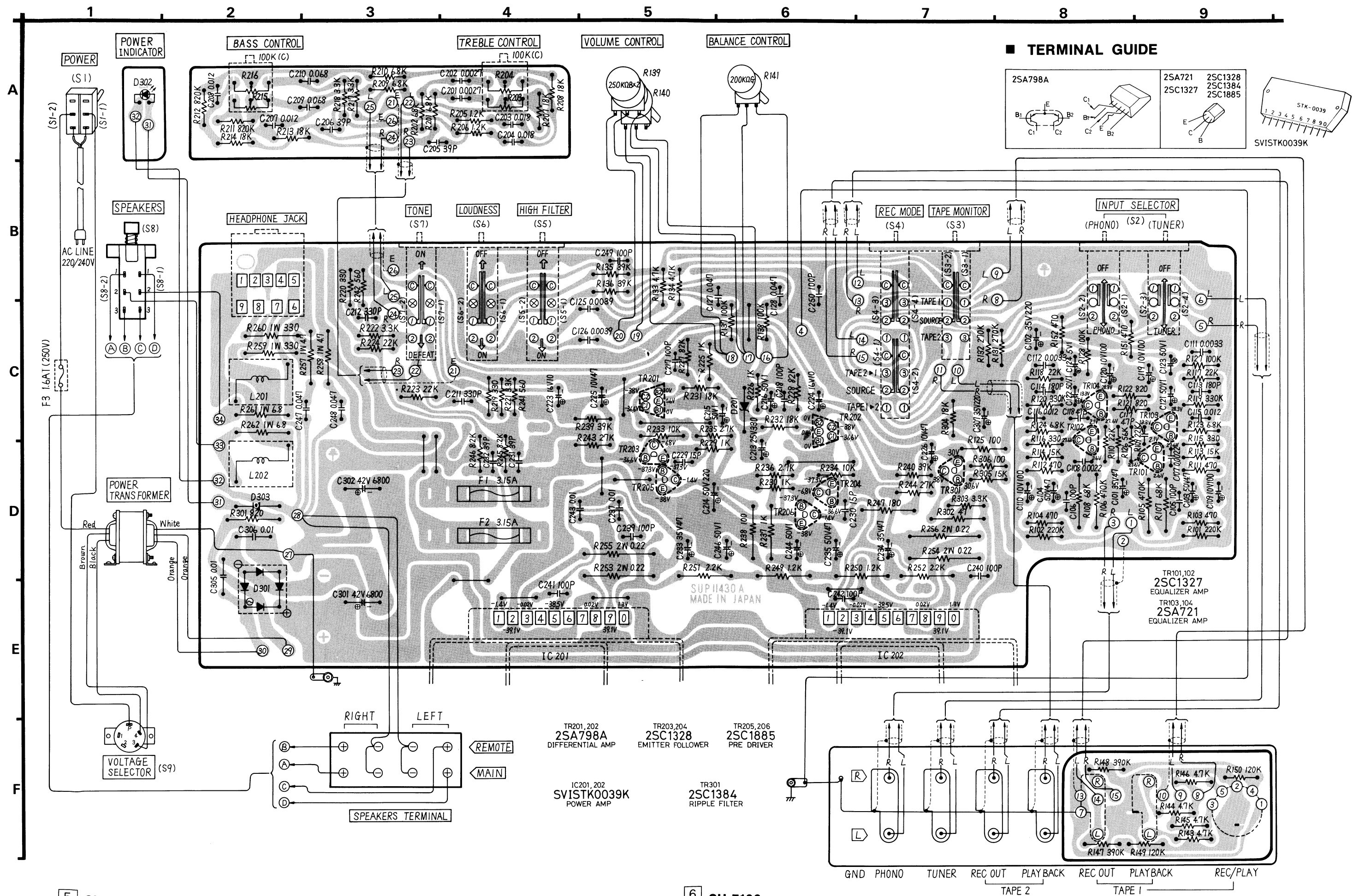
■ POWER INTEGRATED CIRCUIT (SVISTK0039K)



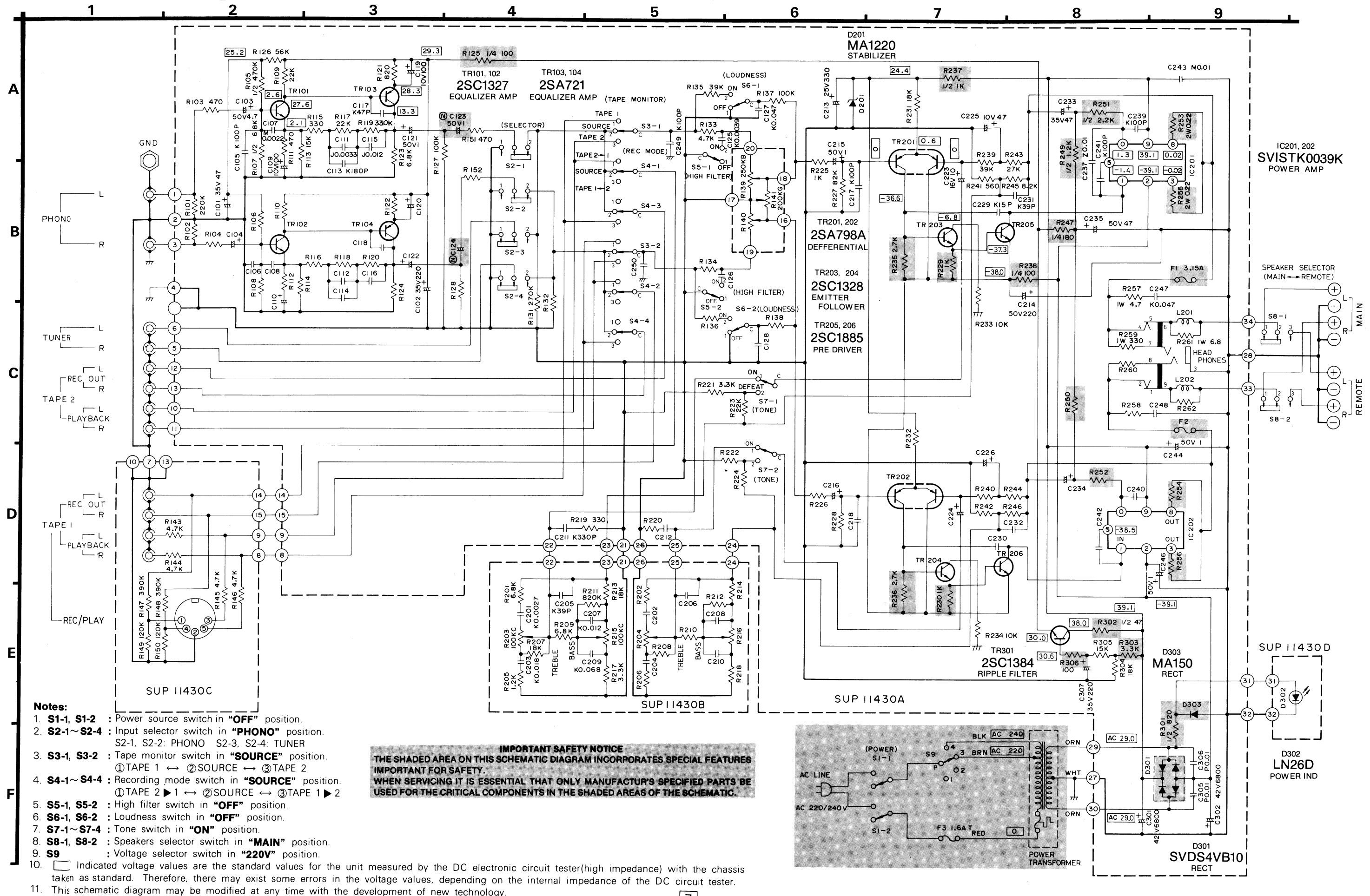
■ BLOCK DIAGRAM



Printed Circuit Board Model SU-7100/SU-7100K



Schematic Diagram Model SU-7100/SU-7100K



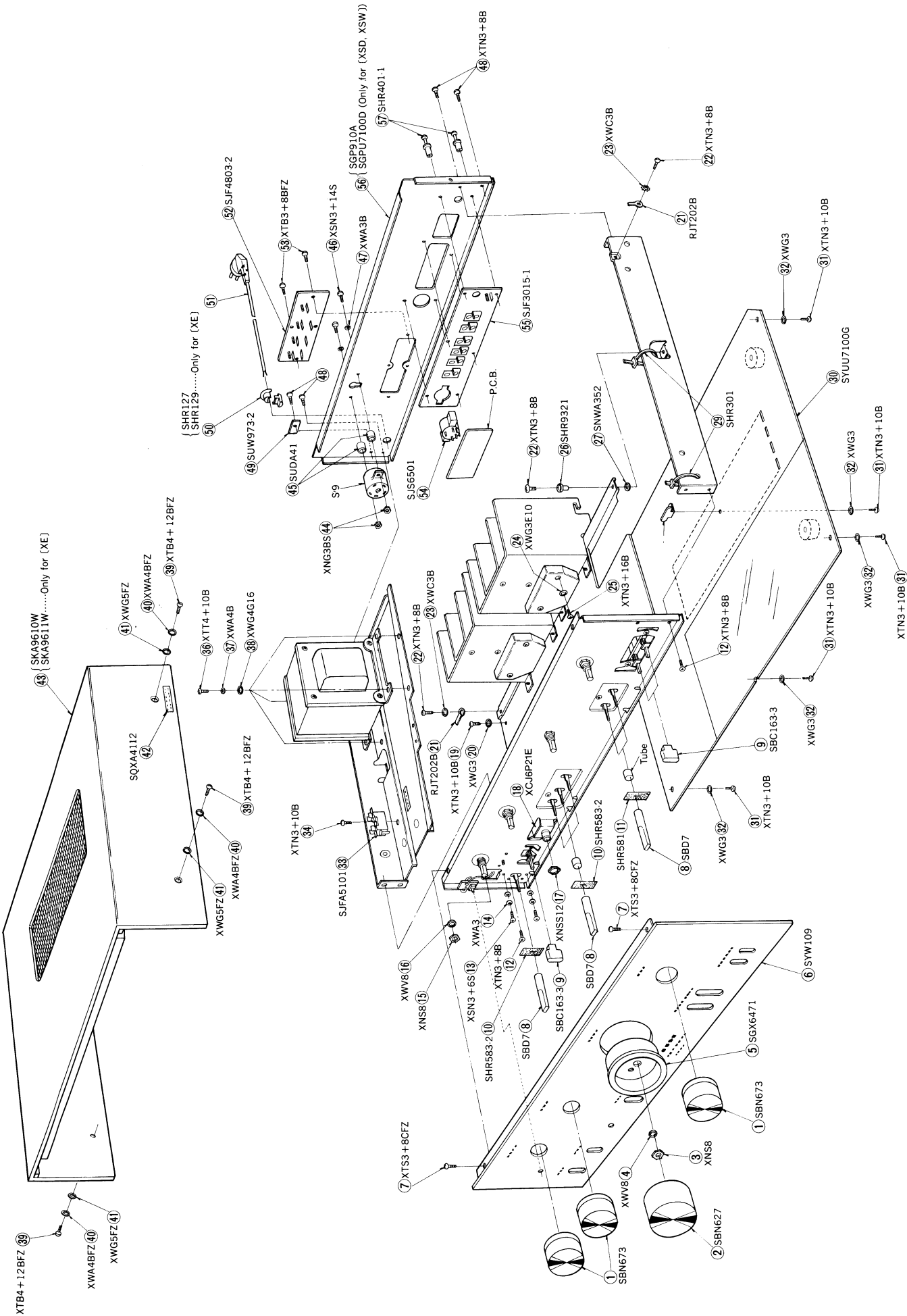
REPLACEMENT PARTS LIST

Important Safety Notice
Components identified by shaded area have special characteristics important for safety.
When replacing any of these components use only manufacturer's specified parts.
NOTE : 1. Part numbers are indicated on most mechanical parts.
Please use this part number for parts orders.

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
INTEGRATED CIRCUITS				
IC201, 202	SVISTK0039K	IC, Power Amplifier	2	○
TRANSISTORS				
TR101, 102	2SC1328-T	Transistor, Equalizer Amplifier (Use in ranks S,T or U)	2	
TR103, 104	2SA902S-F	Transistor, Equalizer Amplifier (Use in ranks F or G)	2	
TR201, 202	2SA798A-G2	Transistor, Differential Amplifier (Use in ranks F2 or G2)	2	
TR203, 204	2SC1328-T	Transistor, Emitter Follower (Use in ranks S,T or U)	2	
TR205, 206	2SC1885-R	Transistor, Pre Amplifier (Use in ranks Q,R or S)	2	
TR301	2SC1384A-Q	Transistor, Ripple Filter (Use in ranks P,Q or R)	1	
DIODES				
D201	MA1220	Zener Diode, 22V	1	
D301	SVDS4VB10	Light Emitting Diode, Power Indicator	1	
D303	MA150	Rectifier	1	
TRANSFORMER and COILS				
T1	SLT5P11-W	Power Transformer	1	○
L201, 202	SLQY15G-3U	Coil, Output	2	
RESISTORS				
R101, 102	ERD25TJ224	Carbon, 220k Ω, 1/4W, ±5%	2	
R103, 104	ERD25TJ471	Carbon, 470 Ω, 1/4W, ±5%	2	
R105, 106	ERD12TSJ474	Carbon, 470k Ω, 1/2W, ±5%	2	
R107, 108	ERD12TSJ683	Carbon, 68k Ω, 1/2W, ±5%	2	
R109, 110	ERD25TJ223	Carbon, 22k Ω, 1/4W, ±5%	2	
R111, 112	ERD25TJ471	Carbon, 470 Ω, 1/4W, ±5%	2	
R113, 114	ERD25TJ153	Carbon, 15k Ω, 1/4W, ±5%	2	
R115, 116	ERD25TJ331	Carbon, 330 Ω, 1/4W, ±5%	2	
R117, 118	ERD25TJ223	Carbon, 22k Ω, 1/4W, ±5%	2	
R119, 120	ERD25TJ334	Carbon, 330k Ω, 1/4W, ±5%	2	
R121, 122	ERD25TJ821	Carbon, 820 Ω, 1/4W, ±5%	2	
R123, 124	ERD25TJ682	Carbon, 68k Ω, 1/4W, ±5%	2	
R125	ERD14FJ101	Carbon, 100 Ω, 1/4W, ±5%	1	

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
R126	ERD25TJ563	Carbon, 56k Ω, 1/4W, ±5%	1	
R127, 128	ERD25TJ104	Carbon, 100k Ω, 1/4W, ±5%	2	
R131, 132	ERD25TJ274	Carbon, 270k Ω, 1/4W, ±5%	2	
R133, 134	ERD25TJ472	Carbon, 47k Ω, 1/4W, ±5%	2	
R135, 136	ERD25TJ393	Carbon, 39k Ω, 1/4W, ±5%	2	
R137, 138	ERD25TJ104	Carbon, 100k Ω, 1/4W, ±5%	2	
R143, 144	ERD25TJ472	Carbon, 47k Ω, 1/4W, ±5%	2	
R145, 146	ERD25TJ472	Carbon, 47k Ω, 1/4W, ±5%	2	
R147, 148	ERD25TJ394	Carbon, 390k Ω, 1/4W, ±5%	2	
R149, 150	ERD25TJ124	Carbon, 120k Ω, 1/4W, ±5%	2	
R151, 152	ERD25TJ471	Carbon, 470 Ω, 1/4W, ±5%	2	
R201, 202	ERD25TJ682	Carbon, 68k Ω, 1/4W, ±5%	2	
R205, 206	ERD25TJ122	Carbon, 12k Ω, 1/4W, ±5%	2	
R207, 208	ERD25TJ183	Carbon, 18k Ω, 1/4W, ±5%	2	
R209, 210	ERD25TJ682	Carbon, 68k Ω, 1/4W, ±5%	2	
R211, 212	ERD25TJ824	Carbon, 820k Ω, 1/4W, ±5%	2	
R213, 214	ERD25TJ183	Carbon, 18k Ω, 1/4W, ±5%	2	
R217, 218	ERD25TJ332	Carbon, 33k Ω, 1/4W, ±5%	2	
R219, 220	ERD25TJ331	Carbon, 330 Ω, 1/4W, ±5%	2	
R221, 222	ERD25TJ332	Carbon, 33k Ω, 1/4W, ±5%	2	
R223, 224	ERD25TJ223	Carbon, 22k Ω, 1/4W, ±5%	2	
R225, 226	ERD25TJ102	Carbon, 1k Ω, 1/4W, ±5%	2	
R227, 228	ERD25TJ823	Carbon, 82k Ω, 1/4W, ±5%	2	
R229, 230	ERD18FJ102	Carbon, 1k Ω, 1/8W, ±5%	2	
R231, 232	ERD25TJ183	Carbon, 18k Ω, 1/4W, ±5%	2	
R233, 234	ERD25TJ103	Carbon, 10k Ω, 1/4W, ±5%	2	
R235, 236	ERD18FJ272	Carbon, 27k Ω, 1/8W, ±5%	2	
R237	ERD12FJ102	Carbon, 1k Ω, 1/2W, ±5%	1	
R238	ERD14FJ101	Carbon, 100 Ω, 1/2W, ±5%	1	
R239, 240	ERD25TJ393	Carbon, 39k Ω, 1/4W, ±5%	2	
R241, 242	ERD25TJ561	Carbon, 560 Ω, 1/4W, ±5%	2	
R243, 244	ERD25TJ273	Carbon, 27k Ω, 1/4W, ±5%	2	
R245, 246	ERD25TJ822	Carbon, 82k Ω, 1/4W, ±5%	2	
R247	ERD14FJ181	Carbon, 180 Ω, 1/4W, ±5%	1	
R249, 250	ERD12FJ122	Carbon, 12k Ω, 1/2W, ±5%	2	
R251, 252	ERD12FJ222	Carbon, 22k Ω, 1/2W, ±5%	2	
R253, 254	ERF2AKR22	Non-Flammable, 0.22 Ω, 2W, ±10%	2	
R255, 256	ERF2AKR22	Non-Flammable, 0.22 Ω, 2W, ±10%	2	
R257, 258	ERX1ANJ47	Metal Film, 47 Ω, 1W, ±5%	2	
R259, 260	ERX1ANJ331	Metal Film, 330 Ω, 1W, ±5%	2	
R261, 262	ERX1ANJ688	Metal Film, 68 Ω, 1W, ±5%	2	
R301	ERD12FJ821	Carbon, 820 Ω, 1/2W, ±5%	1	
R302	ERD12FJ470	Carbon, 47 Ω, 1/2W, ±5%	1	
R303	ERD18FJ332	Carbon, 33k Ω, 1/8W, ±5%	1	
R304	ERD25TJ183	Carbon, 18k Ω, 1/4W, ±5%	1	
R305	ERD25TJ153	Carbon, 15k Ω, 1/4W, ±5%	1	
R306	ERD18FJ101	Carbon, 100 Ω, 1/8W, ±5%	1	
VARIABLE RESISTORS				
R139, 140	EWFB7A031BF5	Volume Control, 250k Ω (B)	1	○
R141	EVHE9A067G25	Balance Control, 250k Ω (G)	1	○
R203, 204	EWKGA033C15	Treble Control, 100k Ω (C)	1	○
R215, 216	EWKGA033C15	Bass Control, 100k Ω (C)	1	○

EXPLODED VIEW



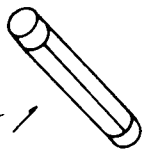
Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
CAPACITORS				
C101	ECEA35V47V	Electrolytic, 47 μ F, 35V	1	
C102	ECEA35V220V	Electrolytic, 220 μ F, 35V	1	
C103, 104	ECEA50M14R7R	Electrolytic, 4.7 μ F, 50V	2	
C105, 106	ECCD1H101K	Ceramic, 100pF, 50V, $\pm 10\%$	2	
C107, 108	ECKD1H222MD	Ceramic, 0.0022 μ F, 50V, $\pm 20\%$	2	
C109, 110	ECEA10V100	Electrolytic, 100 μ F, 10V	2	
C111, 112	ECQMH332JZ	Polyester, 0.0033 μ F, 50V, $\pm 5\%$	2	
C113, 114	ECCD1H181K	Ceramic, 180pF, 50V, $\pm 10\%$	2	
C115, 116	ECQMH123JZ	Polyester, 0.012 μ F, 50V, $\pm 5\%$	2	
C117, 118	ECCD1H470K	Ceramic, 47pF, 50V, $\pm 10\%$	2	
C119, 120	ECEA10V100	Electrolytic, 100 μ F, 10V	2	
C121, 122	ECEA50M1R	Electrolytic, 1 μ F, 50V	2	
C123, 124	ECEA50M1	Non-Polar Electrolytic, 1 μ F, 50V	2	
C125, 126	ECQMH392KZ	Polyester, 0.0039 μ F, 50V, $\pm 10\%$	2	
C127, 128	ECQMH473KZ	Polyester, 0.047 μ F, 50V, $\pm 10\%$	2	
C201, 202	ECQMH272KZ	Polyester, 0.0027 μ F, 50V, $\pm 10\%$	2	
C203, 204	ECQMH183KZ	Polyester, 0.018 μ F, 50V, $\pm 10\%$	2	
C205, 206	ECCD1H390K	Ceramic, 39pF, 50V, $\pm 10\%$	2	
C207, 208	ECQMH123KZ	Polyester, 0.012 μ F, 50V, $\pm 10\%$	2	
C209, 210	ECQMH683KZ	Polyester, 0.068 μ F, 50V, $\pm 10\%$	2	
C211, 212	ECKD1H331K8	Ceramic, 330pF, 50V, $\pm 10\%$	2	
C213	ECEA25V330V	Electrolytic, 330 μ F, 25V	1	
C214	ECEA50V220V	Electrolytic, 220 μ F, 50V	1	
C215, 216	ECEA50M1R	Electrolytic, 1 μ F, 50V	2	
C217, 218	ECCD1H101K	Ceramic, 100pF, 50V, $\pm 10\%$	2	
C223, 224	ECEA16V10	Electrolytic, 10 μ F, 16V	2	
C225, 226	ECEA10V47	Electrolytic, 47 μ F, 10V	2	
C229, 230	ECCD2H150K	Ceramic, 15pF, 500V, $\pm 10\%$	2	
C231, 232	ECCD1H390K	Ceramic, 39pF, 50V, $\pm 10\%$	2	
C233, 234	ECEA35V47V	Electrolytic, 47 μ F, 35V	2	
C235	ECEA50V47V	Electrolytic, 47 μ F, 50V	1	
C237	ECKD1H103ZF	Ceramic, 0.01 μ F, 50V, $\pm 88\%$	1	
C239, 240	ECCD2H101K	Ceramic, 100pF, 500V, $\pm 10\%$	2	
C241, 242	ECCD2H101K	Ceramic, 100pF, 500V, $\pm 10\%$	2	
C243	ECKD1H103MD	Ceramic, 0.01 μ F, 50V, $\pm 20\%$	1	
C244	ECEA50V1	Electrolytic, 1 μ F, 50V	1	
C246	ECEA50V1	Electrolytic, 1 μ F, 50V	1	
C247, 248	ECQMH473KZ	Polyester, 0.047 μ F, 50V, $\pm 10\%$	2	
C249, 250	ECCD1H101K	Ceramic, 100pF, 50V, $\pm 10\%$	2	
C301, 302	ECET42H682S	Electrolytic, 6800 μ F, 42V	2	
C305, 306	ECKD2H103PE	Ceramic, 0.01 μ F, 500V, $\pm 100\%$	2	
C307	ECEA35V220V	Electrolytic, 220 μ F, 35V	1	
FUSES				
F1, 2	XBA2C31SSO	Fuse, 3.15A(250V), Circuit Protection	2	
F3	XBA2C16TRO	Fuse, 1.6A(1250V), Power Source	1	
SWITCHES				
S1	SSL37S	Switch, Power Source	1	
S2	SSH241S	Switch, Input Selector	1	

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
S3, 4	SSL59	Switch, Tape Monitor & Rec Mode	1	
S5, 6, 7	SSL61	Switch, Tone, High Filter & Loudness	1	
S8	SSH69S	Switch, Speakers	1	
S9	ES5376	Switch, Voltage Selector	1	
CABINET and CHASSIS PARTS				
1	SBN673	Knob, Balance, Bass & Treble	3	
2	SBN627	Knob, Volume Control	1	
3	XNS8	Nut, Volume M'tg	1	
4	XWV8	Washer, Spring	1	
5	SGX6471	Ornament, Volume Knob	1	
6	SYW109	Front Panel Assy	1	
7	XTS3+8CFZ	Screw, Panel M'tg	2	
8	SBD7	Knob, Lever Switches	6	
9	SBC163.3	Button, Push Switches	3	
10	SHR883-2	Bracket, Lever Switches	4	
11	SHR581	Bracket, Lever Switches	2	
12	XTN3+8B	Screw, Front Chassis M'tg	4	
13	XSN3+6S	Screw, Power Switch, Speaker Switch & Selector Switch M'tg	6	
14	XWA3	Washer, Spring	6	
15	XWG3	Washer	6	
16	XNS8	Nut, Bass, Treble & Balance Volume M'tg	3	
17	XWV8	Washer, Spring	3	
18	XNS5T2	Nut, Headphones Jack M'tg	1	
	XCJ6P21E	Jack, Headphones	1	
19	XTN3+10B	Screw, P.C.B. & Lever Switches M'tg	3	
20	XWG3	Washer, P.C.B. Screw	1	
21	RJT202B	Terminal, Ground	2	
22	XTN3+8B	Screw, Heat Sink & Ground Terminal M'tg	3	
23	XWC3B	Toothed Ring	2	
24	XWG3E10	Washer, Power I.C.	4	
25	XTN3+16B	Screw, Power I.C. M'tg	4	
26	SHR9321	Sleeve, Heat Sink M'tg Screw	1	
27	SNWA352	Washer	1	
29	SHR301	Clamp, Lead Wire	2	
30	SYUJ7100G	Bottom Board, SYUJ29 with Feet (SKLA7-1)	1	
31	XTN3+10B	Screw, Bottom Board & Bracket M'tg	6	
32	XWG3	Washer	6	
33	SJFA5101	Holder, Fuse	1	
34	XTN3+10B	Screw, Fuse Holder M'tg	1	
36	XTT4+10B	Screw, Power Transformer M'tg	4	
37	XWA4B	Washer, Spring	4	
38	XWG4G16	Washer	4	
39	XTB4+12BZF	Screw, Cabinet M'tg	4	
40	XWA4BFZ	Washer, Spring	4	
41	XWG5FZ	Washer	4	
42	SQXA4112	Label, Cabinet	1	
43	SKA9610W	Cabinet, Black	1	
43 (XE)only	SKA9611W	Cabinet, Brown	1	
44	XNG3BS	Nut, Voltage Selector Switch M'tg	2	
45	SUDA41	Sleeve, Voltage Selector Switch Screw	2	
46	XSN3+14S	Screw, Voltage Selector Switch M'tg	2	

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
47	XWA3B	Washer	2	
48	XTN3+8B	Screw, Rear Panel M'tg	4	
49	SUW973-2	Bracket, Rear Panel	1	*
50	SHR127	Bushing, AC Cord	1	
50(XE)only	SHR129	Bushing, AC Cord	1	
51(XG, XGF)	SJA95	AC Power Cord, with Plug	1	
51(XGH, XSD)	SJA81	AC Power Cord, with Plug	1	
51(XSW)	SJA88	AC Power Cord, with Plug	1	
51(XE)	SJA89	AC Power Cord	1	
52	SJF4803-2	Terminal, Speakers	1	
53	XTB3+8BFZ	Screw, Speaker Terminal M'tg	4	
54	SJS6501	Socket, Tape Deck (DIN)	1	
55	SJF3015-1	Terminal, Input & Tape Deck	1	
56	SGP910A	Rear Panel, Except for (XSD) & (XSW)	1	○ ○
56(XSD, XSW) only	SGPU7100D	Rear Panel, SGP910A with Name Plate (SGT14630)	1	
57	SHR401-1	Latch, Input Terminal M'tg	6	
ACCESSORIES				
A1	XBA2C31SSO	Fuse, 3.15A(250V), Circuit Protection	2	
A2	RJP5	Pin Plug	4	
PACKING PARTS				
P1	SP511	Polyethylene Bag	1	
P2	SPS967	Pad, Left Upper	1	○
P3	SPS965-2	Pad, Left Lower	1	
P4	SPS971	Pad, Right Upper	1	○
P5	SPS969-2	Pad, Right Lower	1	○
P6	SPG1211	Carton Box	1	○
P6(XGF)only	SPG1209	Carton Box	1	○
P7	SQF1671	Instructions Book, Printed Matter	1	○
Notes: (XE) is available in England only. (XGF) is available in France only. (XG) is available in European only. (XGH) is available in Holland only. (XSD) is available in Scandinavia only. (XSW) is available in Switzerland only.				

■ ACCESSORIES

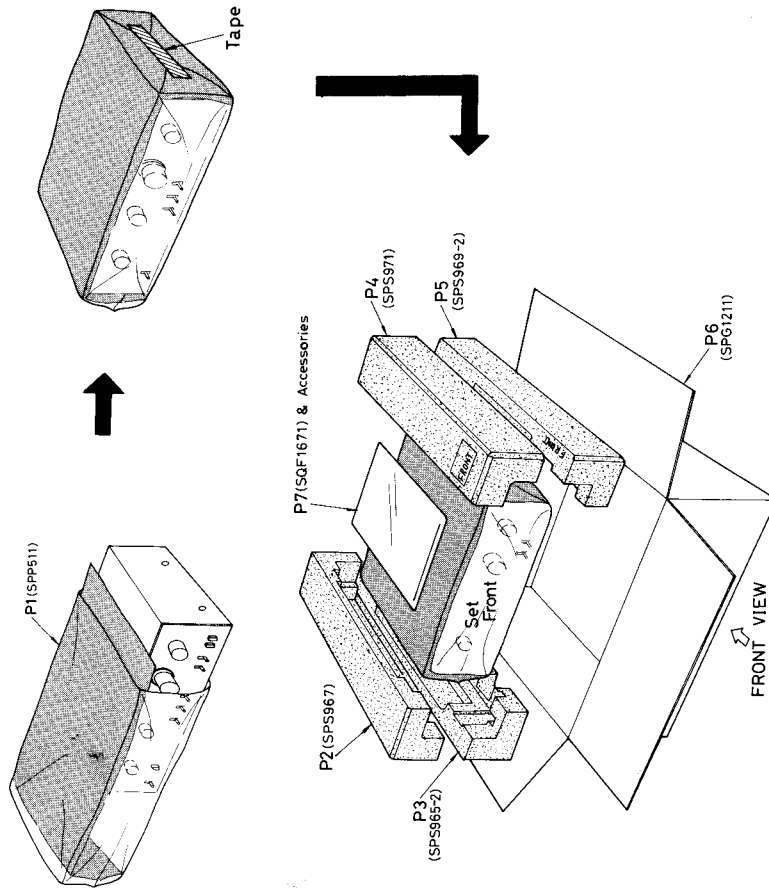
A1 (XBA2C31SSO)



A2 (RJP5)



■ PACKINGS



SU-7100K (XG, XGH, XSD, XSW)

* This parts list includes only the changes of the SU-7100 parts list.

Ref. No.	Change of Part No.		Name & Description	Per Set	Remarks
	SU-7100	SU-7100K			
6	SYW109	SYW111	Front Panel Ass'y, Black	1	○
8	SBD7	SBD7-1	Knob, Lever Switches	6	
9	SBC163-3	SBC163-2	Button, Push Switches	3	
56	SGP910A (XG, XGH, XE, XGF)	SGPU7100KG (XG, XGH)	Rear Panel, SGP910A with Name Plate (SGT14690)	1	○
	SGPU7100D	SGPU7100KD (XSD, XSW)	Rear Panel, SGP910A with Name Plate (SGT14710)	1	○