Service Manu

Stereo Integrated DC Amplifier

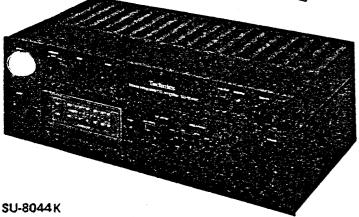
SU-8044

(X), (XA), (XAL), (XGH)(E), (EG), (XE), (XGF), (EB)

SU-80441

(X),(XA),(XAL),(XGH)(E), (EG), (EB)





- * The models SU-8044 (X, XA) and SU-8044K (X, XA) are available in Asia, Latin America, Middle East and Africa only
- * The models SU-8044 (XAL) and SU-8044K (XAL) are available in Australia only.
- The models SU-8044 (XGH) and SU-8044K (XGH) are available in Holland only.
- * The models SU-8044 (E, EG) and SU-8044K (E, EG) are available in Scandinavia and European only.
- The model SU-8055 (XE) is available in United Kingdom only.
- The models SU-8044 (EB) and SU-8044K (EB) are available in Belgium only.
- * The model SU-8055 (XGF) is available in France only.

73 dB (IHF, A: 80 dB)~~

TECHNICAL SPECIFICATIONS Specifications are subject to change without notice for further improvement.

150 mV/33 k Ω

150 mV

[DIN 45 500]

AMPLIFIER SECTION

1 kHz continuous power output $2 \times 46 \text{ W } (4 \Omega), 2 \times 40 \text{ W } (8 \Omega)$ both channels driven 40 Hz ~ 16 kHz continuous power output $2 \times 40 \text{ W } (4\Omega), 2 \times 38 \text{ W } (8\Omega)$ both channels driven 20 Hz ~ 20 kHz continuous power output both channels driven $2 \times 40 \text{ W } (4\Omega), 2 \times 38 \text{ W } (8\Omega)$ Power bandwidth both channels driven, -3 dB 5 Hz ~ 30 kHz (4Ω) 5 Hz ~50 kHz (8Ω) Total harmonic distortion rated power at 1 kHz $0.03\% (4\Omega), 0.02\% (8\Omega)$ rated power at 40 Hz ~ 16 kHz $0.03\% (4\Omega), 0.02\% (8\Omega)$ rated power at 20 Hz ~ 20 kHz $0.03\% (4\Omega), 0.02\% (8\Omega)$ 0.015% (8Ω) half power at 20 Hz ~ 20 kHz 0.008% (80) half power at 1 kHz -26 dB power at 1 kHz 0.15% (4Ω) 50mW power at 1 kHz $0.2\% (4\Omega)$ Intermodulation distortion rated power at 250 Hz: 8 kHz = 4:1, 4Ω rated power at 60 Hz: 7 kHz = 4:1, SMPTE, 8Ω 0.02% Residual hum & noise 0.8 mV (0.6 mV, IHF, A) 16 (4Ω) , 32 (8Ω) Damping factor Input sensitivity and impedance 2.5 mV/47 kΩ PHONO TUNER, AUX 150 mV/47 k Ω TAPE 1, REC/PLAY 180 mV/33 k Ω TAPE 2

PHONO maximum input voltage (1 kHz, RMS)

S/N rated power at 4Ω PHONO

TUNER, AUX, TAPE 86 dB (IHF, A: 97 dB) -26 dB power at 4Ω PHONO 62 dB TUNER, AUX, TAPE 63 d8 50 mW power at 4 Ω PHONO 58 dB TUNER, AUX, TAPE 60 dB Frequency response **PHONO** RIAA standard curve 30 Hz \sim 15 kHz, \pm 0.8 dB TUNER, AUX, TAPE 20 Hz \sim 20 kHz, \pm 0.5 dB 10 Hz ~50 kHz, -1 dB 50 Hz, +10 dB ~ -10 dB Tone controls BASS TREBLE 20 kHz, +10 dB ~ -10 dB 7 kHz, -6 dB/oct High filter Loudness control (volume at -30 dB) 50 Hz, +9 dB Output voltage and impedance REC OUT 150 mV REC/PLAY $30 \text{ mV/82 k}\Omega$ Channel balance (250 Hz ~ 6300 Hz), AUX ±1.0 d8 Channel separation at 1 kHz, AUX 58d8 Headphones output level and impedance 440 mV/330Ω Load impedance MAIN or REMOTE 4~16Ω MAIN + REMOTE 8~16Ω

GENERAL

Power consumption 400 W Power supply (50 Hz/60 Hz) 110V/120V/220V/240V Dimensions (W x H x D) 430 x 142 x 255 mm Weight 6.7 kg

TECHNISCHE DATEN Spezifikationen können infolge von Verbesserungen ohne Ankündigung geändert werden. [DIN 45 500] VERSTÄRKERTEIL RMS- Dauertonleistung bei 1 kHz beide Kanäle zusammen ausgesteuert $2 \times 46 \text{ W } (4\Omega)$ Fremdspannungsabstand $2 \times 40 \text{ W } (8\Omega)$ Nennausgangsleistung bei 4Ω RMS-Dauertonieistung bei 40 Hz ~ 16 kHz PHONO 73 dB (IHF, A: 80 dB) beide Kanäle zusammen ausgesteuert $2 \times 40 \text{ W} (4\Omega)$ TUNER, AUX 86 dB (1HF, A: 97 dB) 2 x 38 W (8Ω) –26 dB Ausgangsleistung bei 4Ω PHONO 62 dB RMS- Dauertonleistung bei 20 Hz ~ 20 kHz TUNER, AUX, TAPE 63 dB beide Kanäle zusammen ausgesteuert 50 mW Ausgangsleistung bei 4 Ω PHONO 58 dB $2 \times 40 \text{ W} (4\Omega)$, $2 \times 38 \text{ W} (8\Omega)$ TUNER, AUX, TAPE 60 dB Leistungsbandbreite RIAA Standardkurve Frequenzgang **PHONO** beide Kanäle zusammen ausgesteuert, -3 dB 30 Hz ~ 15 kHz, ±0,8 dB 5 Hz \sim 30 kHz (4 Ω) TUNER, AUX, TAPE 20 Hz ~ 20 kHz, ±0,5 dB 5 Hz ~ 50 kHz (8Ω) 10 Hz ~50 kHz, −1 dB Harmonische Verzerrungen BÄSSE 50 Hz, +10 dB ~-10 dB Klangregler Nennausgangsleistung bei 1 kHz 0,03% (4Ω), 0,02% (8Ω) 20 kHz, +10 dB ~ -10 dB 7 kHz, -6 dB/oct HÖHEN Nennausgangsleistung bei 40 Hz ~ 16 kHz Höhenfilter (HIGH) 0.03% (4Ω), 0.02% (8Ω) Gehörgerechte Lautstärkekorrektur (Lautstärke bei -30 dB) Nennausgangsleistung bei 20 Hz ~ 20 kHz 50 Hz, +9 dB $0.03\% (4\Omega), 0.02\% (8\Omega)$ Ausgangsspannungen & Impedanz REC OUT 150 mV 0,015% (8Ω) Halber Ausgangsleistung bei 20 Hz ~ 20 kHz REC/PLAY Aufnahme 30 mV/82 kΩ Halber Ausgangsleistung bei 1 kHz $0.008\% (8\Omega)$ Kanalabweichung (250 Hz ~ 6300 Hz), AUX ±1,0 dB -26 dB Ausgangsleistung bei 1 kHz 0.15% (4Ω) Kanaltrennung bei 1 kHz, AUX 50 mW Ausgangsleistung bei 1 kHz 58 dB Kopfhörerpegel und Ausgangsimpedanz 440 mV/330Ω dulationsverzerrung Lautsprecher-Ausgangsimpedanz ...ausgangsleistung bei 250 Hz: 8 kHz = 4:1, 4Ω MAIN oder REMOTE 4~16Ω Nennausgangsleistung bei 60 Hz: 7 kHz = 4:1, 8Ω 0,02% MAIN und REMOTE 8~16Ω Brummen & Rauschen Dämpfungsfaktor 0,8 mV (0,6 mV, IHF A) $16(4\Omega), 32(8\Omega)$ **ALLGEMEINE DATEN** Eingangsempfindlichkeit & Impedanz PHONO $2.5\,\text{mV}/47\,\text{k}\Omega$ Leistungsaufnahme 400 W TUNER, AUX 150 mV/47 k Ω Netzspannung umschaltbar (50 Hz/60 Hz) TAPE 1, REC/PLAY 180 mV/33 kΩ 110V/120V/220V/240V 150 mV/33 $k\Omega$ Abmessungen (B x H x T) 430 x 142 x 255 mm PHONO Maximale Eingangsspannungen (1 kHz RMS) 150 mV 6,7 kg

CARACTERISTIQUES TECHIQUES Sujet à changement sans préaris.

[DIN 45 500]

PA

ARTIE AMPLIFICATEUR				
Puissence RMS (continue) à 1 kHz pour l'ensemble des canaux excités				(4Ω) (8Ω)
Puissance RMS (continue) à 40 Hz ~ 16 kHz pour l'ensemble des canaux excités				(4Ω) (8Ω)
Puis a RMS (continue) à 20 Hz ~ 20 kHz l'ensemble des canaux excités	_			
$2 \times 40 \text{ W } (4\Omega)$, Largeur de bande de puissance pour l'ensemble des canaux excités, -3 dB	2 x	<i>3</i> 8	w	(877)
5 Hz				
Distorsion harmonique totale pour la puissance mesurée à 1 kHz 0.03% (4.0) اد	2.00	10/	/a (^)
pour la puissance mesurée à 40 Hz ~ 16 kHz 0,03% (4)				
pour la puissance mesurée à 20 Hz ~ 20 kHz 0,03% (4)	വ, (
pour la demi-puissance mesurée à 20 Hz ~ 20 k	0,			(8Ω) (8Ω)
pour une puissance mesurée de -26 dB, 1 kHz pour une puissance mesurée de 50 mW, 1 kHz	Ó	0.15	%	(4Ω)
Distorsion d'intermodulation pour la puissance mesurée à 250 Hz: 8 kHz = 4	: 1,	4Ω	0.	,03%
pour la puissance mesurée à 60 Hz: 7 kHz = 4: Tension résiduelle de bruit 0,8 mV (0,6 Facteur d'amortissement 16	6 m	V:	HF	
Sensibilité & impédance d'entrée PHONO	. •			7 kΩ
TAPE 1, REC/PLAY	80	m۷	/33	kΩ kΩ
Voltage d'entrée maximum (PHONO, 1 kHz, RMS				kΩ mV

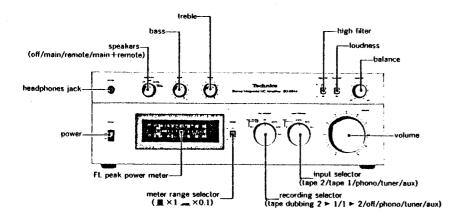
Rapport signal/bruit					
pour la puissance no	ominale, 4Ω				
PHONO		73 dE	3 (IHF,	A: 80	dB)
TUNER.	AUX, TAPE		3 (IHF,		
pour une sortie de -	-26 dB, 4Ω	PHONO			dB
		TUNER, A	UX. TA	PE 63	dB
pour une sortie de S	50 mW, 4Ω	PHONÓ			dB
	•	TUNER, A	UX. T	APE 60	dB
Réponse de fréquence					_
PHONO		Court	e stanc	ard RI	AA
		30 Hz ~	- 15 kH	z. ±0.8	dB
TUNER, AUX, TAR	PE .	20 Hz ~	- 20 kH	z, ±0,5	dB
*		10 Hz	~50 k	Hz, -1	₫₿
Réglage de la tonalité					
BASS (graves)		50 Hz, -	+10 dB	~-10	dB
TREBLE (aigus)		20 kHz, -	+10 dB	~-10	dB
Filtre Aigu (HIGH)			7 kHz,	-6 dB/	oct
Correction physiologique	ue (volume à	-30 dB)	50	Hz, +9	ďΒ
Tension de sortie & imp	pédance R	EC OUT		150	mΫ
	R	EC/PLAY	30 r	nV/82	kΩ
Equilibrage de canaux (250 Hz ~ 63	00 Hz), AU	X	±1,0	dB
Séparation des canaux,				58	dB
Niveau du casque et im	pédance de so	ortie	400	mV/33	Ω 0
Impédance de charge				4~1	6Ω
	PRINCIPAL	E + ELOIG	NEE	8~1	6Ω

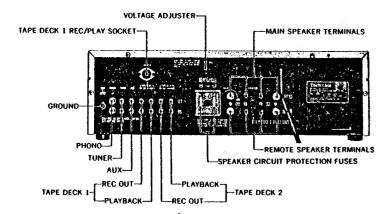
GENERALITES

,	Consommation Alimentation (50 Hz/60 Hz) Dimensions (L x H x Pr) Poids	400 W 110V/120V/220V/240V 430 x 142 x 255 mm 6.7 kg
	roias	6,7 kg

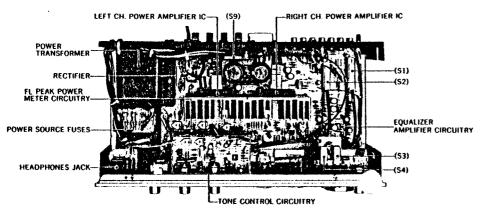


LOCATION OF CONTROLS





. The products for destinations (X) and (XA) are equipped with AC outlets.



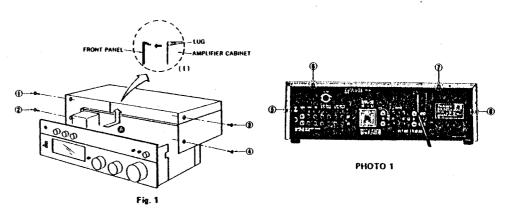
NOTE

The unit is provided with the speaker circuit protection fuses at the right and left channels respectively. The fuse 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 circuit protection fuses first of all for possible blowing.

■ HOW TO REMOVE THE AMPLIFIER CABINET, BOTTOM PLATE AND FRONT PANEL

How to remove the amplifier cabinet

- 1. Remove the 4 setscrews (① ~ ④ in Fig. 1) on the side and 4 setscrews (⑤ ~ ⑥ in Photo 1) on the back of the amplifier cabinet.
- 2, Shift the cabinet backward and lift it upward, (Arrow o in Fig. 1)
- 3. When mounting the cabinet, completely fit the top lug of the cabinet with the front panel before tightening the setscrews. (See Fig. 1 [1].)

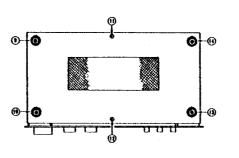


How to detach the bottom plate

1. Remove the 2 setscrews (1), 12 in Fig. 2) used to secure bottom plate and 4 setscrews (9), 13, 14 in Fig. 2) for the legs. Then the bottom plate can be detached.

How to detach the front panel

Remove the 4 setscrews () ~ () in Fig. 3) and then carefully pull the front panel toward you.





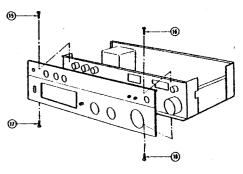
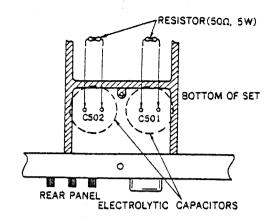


Fig. 3

■ BEFORE STARTING THE REPAIRING

Before adjusting or repairing, be sure to short-circuit opposite poles of the $8200\mu\text{F}$ capacitors (C501, 502) with a resistor approximately of "50 Ω , 5W" for discharging the charged voltage.

Short-circuiting with a screw driver and the like is not only dangerous, but may destroy transistors and diodes, and should therefore be avoided.



■ ALIGNMENT INSTRUCTIONS ■

ENGLISH

Setting

- Connect a low frequency oscillator to the tuner input terminal, and 8-ohm load resistor and AC electronic voltmeter to the speaker terminal.
 - Add 1 kHz signal from the low frequency oscillator to the set.
- Set the sound volume to the maximum point.

Adjustment item	Meter range select switch position	Parts to be adjusted	Adjusting procedure
	Range Switch X0,1	R617 (Lch)	 Adjust the input level so that the AC voltmeter indicates 0.7V. Adjust R617 while observing the FL peak power meter so that the segment at 0.1W is about to turn on. (Fig. 4)
,		R618 (Rch)	 Adjust R618 in the same way as for Lch. If the indication of Lch changes, re-adjust R617.
FL peak power meter	Range Switch X1	R628 (Rch)	 Adjust the input level so that the L-channel segment at 10 W of the FL peak power meter is about to turn on, and read the output voltage with the AC voltmeter. Adjust the input level so that the R-channel output voltage becomes equal to the L-channel's one read above, then adjust R628 so that the R-channel segment at 10 W is about to turn on. (Fig. 5)
	Range Switch X0.1	R618 (Rch)	Adjust the input level so that the AC voltmeter indicates 0.7V. Rotate R617 counterclockwise to turn them off. Again adjust R618 so that the segment at 0.1W is about to turn on.

Adjustment of DC unbalanced voltage

- 1) Connect the DC electronic voltmeter to the speaker terminals of L and R channels.
- 2) Set the power supply switch to "ON".
- 3) Shift the range knob of the DC voltmeter to as small measuring range as possible. Then adjust R413 (Lch) and R414 (Rch) so that the voltmeter indicates 0 V.

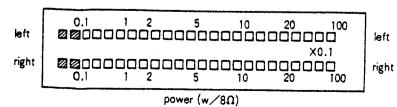


Fig. 4 (Adb. 4)

power (w/8\O)

Fig. 5 (Abb. 5)



M ANWEISUNGES FÜR ABGLEICHUNG

DEUTSCH

Einstellung • Einen Niederfrequenzoszillator an die Eingangsklemme des Tuners schließen und parallel zu 8-ohm Belastungswiderstand den elektronischen Wechselstrom-Voltmeter an die Lautsprecherklemme schließen,

1 kHz Signal aus dem Niederfrequenzoszilfator in das Gerät speisen.

Lautstärkeregler auf den minimalen Punkt einstellen,

Justierung	Stellung des Meterbereichswählers	Zu justierende Teile	Jusierungsvorgeng					
	Bereichswähler auf X0.1	R617 (Linker Kanal)	Den Eingengspegol so justieren, daß der Wechselstron Voltmeter 0,7 V anzeigt. Unter Beobachtung des FL-Spitzenleistungsmeters Risolustieren, deß das Segment en 0,1 W aufzuleuchter beginnt. (Abb. 4)					
		R618 (Rechter K.)	R618 in der gleichen Weise wie bei linkern Kanal justieren. Bei Änderung der Anzeige des linken Kanals R617 wiederjustieren.					
F.L. Spitzenleistungu- meter	Bereichswähler euf X†	R626 { Rechter K.}	Den Eingangspepel justieren, bis der LKanalabschnitt be 10 W des F.L. Spitzenfeistungsmeters fast einschaftet, und am Wechselstromvoltmetre die Ausgangsspannung sbiesen. Den Eingangspegel justieren, bis die RKanalausgangsspan nung der oben abgelessenen des LKanals gleichsteht, dann R628 justieren, bis der RKanalabschnitt bei 10 W fast einschaftet. (Abb. 5)					
	Bereichswähler auf X0.1 ∕	R618 (Rechter K.)	Den Eingangspegel so justieren, daß der Wechselstrom- Voltmeter 0,7 V anzeigt. R617 im Gegensinn zum Uhrzeiger drehen, bis sie erlöschen. R618 wieder so justieren, daß das Segment an 0,1 W aufzuleuchten beginnt.					

Justierung der unausgeglichenen Gleichstromspannung

1) Den ktronischen Gleichstrom-Voltmeter an die Lautsprecherklemme des linken und rechten kanal schließen.

2) Den Netzschafter auf "ON" stellen.

3) Den Bereichknopf des Gleichstrom-Voltmeters auf den möglichst kleinen Meßbereich umschalten. Dann R413 (Linker K.) und R414 (Rechter K.) so justieren, daß der Voltmeter 0 V anzeigt.

III INSTRUCTIONS D'ALIGNMENT

FRANCAIS

rche

Réglage * Brancher un oscillateur à basse fréquence à la borne de sortie du tuner et une résistance de charge de 8 ohms et un voltmètre électronique à la borne de l'enœinte.

Par l'oscillateur à basse fréquence, appliquer un signal de 1 kHz à l'appareit.

Régler le volume du son au maximum

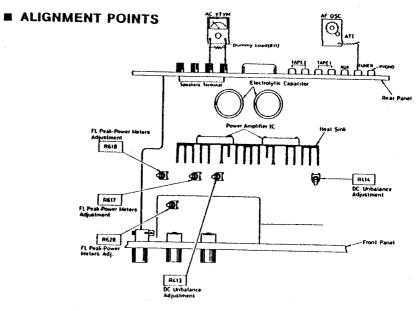
Elément de réglage	Position du commutateur de sélection de la gamme du compteur	Eldments å régler	Procédé de réglage				
	Commutateur de gamme XQ,1	R617 (CG)	1. Régler le niveau de sortie de tette sorte que le voltmétre CA indique 0,7 V. 2. Régler le R617 tout en observent le compteur de puissence de crête de niveau de fréquence, de telle sorte que le segment à 0,1 W soit sur le point d'âtre allumé, (Fig. 4).				
Compteur de puissance de crêto de principal	·	R618 (CD)	Régler le R618 de la même façon que pour le canal geuche (CG). Si l'Indication du canal geuche est modifiée, re-régler le R617.				
créte de niveau de fréquence	Commutateur da gamme X1	R628 (CD)	Régler le niveau d'entrée de tetle sorte que le segment du canal gauche à 10W du compteur de puissance de crêtif E., soit sur le point d'être branché et litre la tension de sortie avec un vottmètre CA. Régler le niveau d'entrée de telle sorte que la tension de sortie du canal droit, soit égale à celle du canal gauche lue ci dessus, puis régler le R628 de telle sorte que le segment du canal droit à 10 W soit sur le point d'être branché. (Fig. 5)				
	Commutateur de gamme X0,1	R618 (CD)	Régler le nivæu de sortle de telle sorte que le voltmêtre CA indique 0,7 V. Tourner les R617 à gauche pour les éteindre. Régler de nouveau le R618 pour que le segment de 0,1 W soit aur le point d'être allurré.				

Réglage de la tension CC déséquilibrée

1) Brancher un voltmètre électronique CC aux bornes de l'enceite des canaux droit

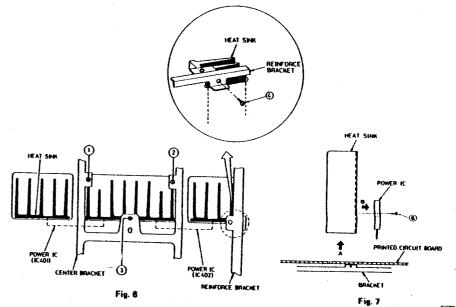
2) Placer le commutateur d'alimentation sur "ON".

3) Déplacer le bouton de gamme du voltmêtre CC sur la plus petite gamme de mesure possible. Puis régler le R413 (CG) et le R414 (CD) de telle sorte que le voltmêtre indique 0 V



HOW TO REMOVE THE POWER IC

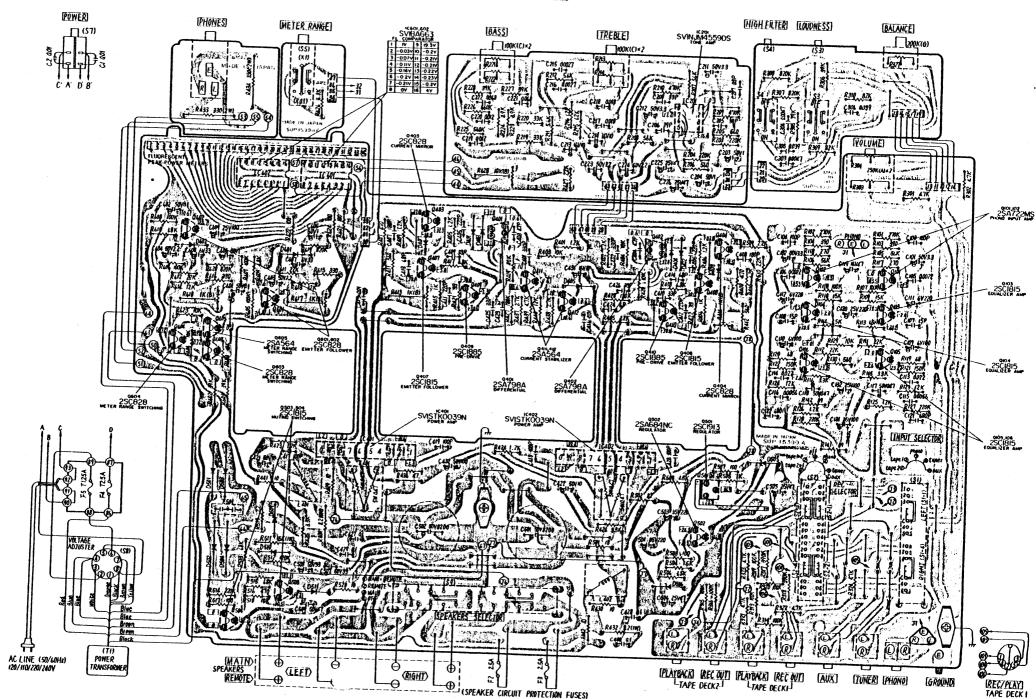
- 1. Remove the solder of power IC for both Lch and Rch.
- 2. Remove the 3 setscrews ((1) ~ (3) in Fig. 6) used to fasten the heat sink from the center bracket.
- 3. Remove the setscrew (1) in Fig. 6) used to fasten the heat sink from the reinforce bracket.
- 4. Remove the heat sink along with power IC in the direction of arrow A (Fig. 7).
- 5. Remove the 2 setscrews ((6) in Fig. 7) used to secure the power IC on the heat sink, and then pull the power IC in the direction of arrow B.
- 6. When mounting the power IC, apply silicone compound (or equivalent heat diffuser) to the back of power IC, and then follow the steps $1 \sim 5$ reversely.



SU-8044/K

PRINTED CIRCUIT BOARD WIRING VIEW





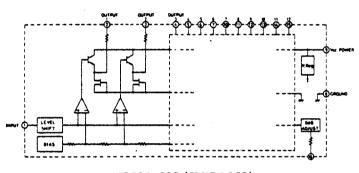
Notes:

- : Input selector switch in "PHONO" position. 1. S1
 - ① TAPE 2 ② TAPE 1 ③ PHONO ④ TUNER ⑤ AUX S2 : Rec selector switch in "OFF" position.
 - S2
 - ① TAPE 2 ▶ 1 → ② TAPE 1 ▶ 2 → ③ OFF → ④ PHONO → ⑤ TUNER → 6 AUX
- 3. **S3**
- : Loudness switch in "OFF" position.: High filter switch in "OFF" position. 4. S4
- 5. **S5** : Range switch in "X1" position.
- **S7** : Power switch in "ON" position.
- : Voltage adjuster switch in "240V" position. (240V—220V—120V—110V).
- : Speaker switch in "MAIN" position.
- 9. 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. ☐ Standards values) Bright
- 10. The same mark has been used for the indication of specified parts for an assurance of safety, but it has been changed to A mark. When replacing parts, be sure to use parts with correct numbers with reference to the circuit drawing or the repair parts list.

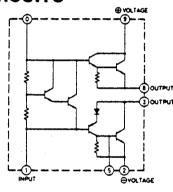
(new mark)

- 11. To represent transistors, Q is used instead of TR (Ex. TR1 Q1)
- Phono signal lines of left channel.
- This schematic diagram may be modified at any time with the development of new technology.

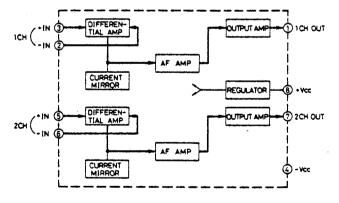
■ BLOCK DIAGRAM OF INTEGRATED CIRCUITS



IC601, 602 (SVIBA663) FL Comparator



IC401, 402 (SVISTK0039N) Power Amplifier



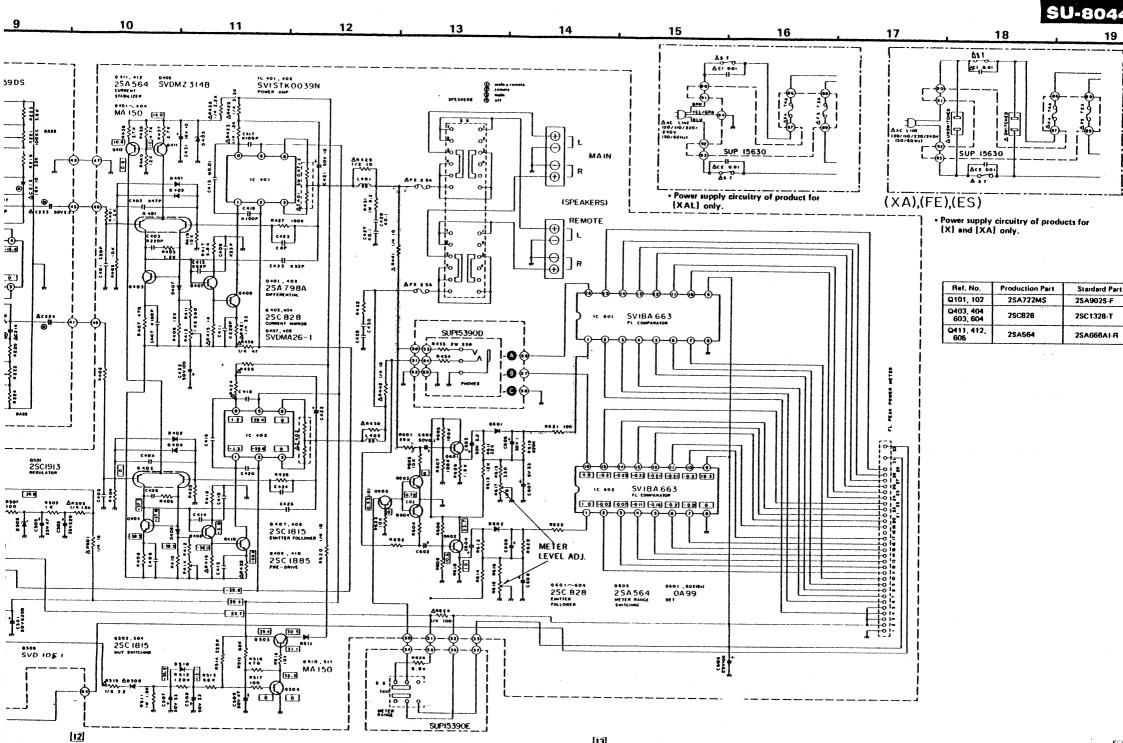
IC201 (SVINJM4559DS) Tone Amplifier

■ TERMINAL GUIDE OF TRANSISTOR & IC

2SA798A	SVINJM4559DS	SVIBA663	201700
	7 6 5		2SA722, 2SC1815 2SA684NC, 2SA564 2SC828, 2SC1885
C; B; E B2	SVISTKOO39N	16 15 13 12 11 10 9 8 2 SC1913	
B1 - B2	Woman S	B	E C B
C1 C2	11111111	C.E	

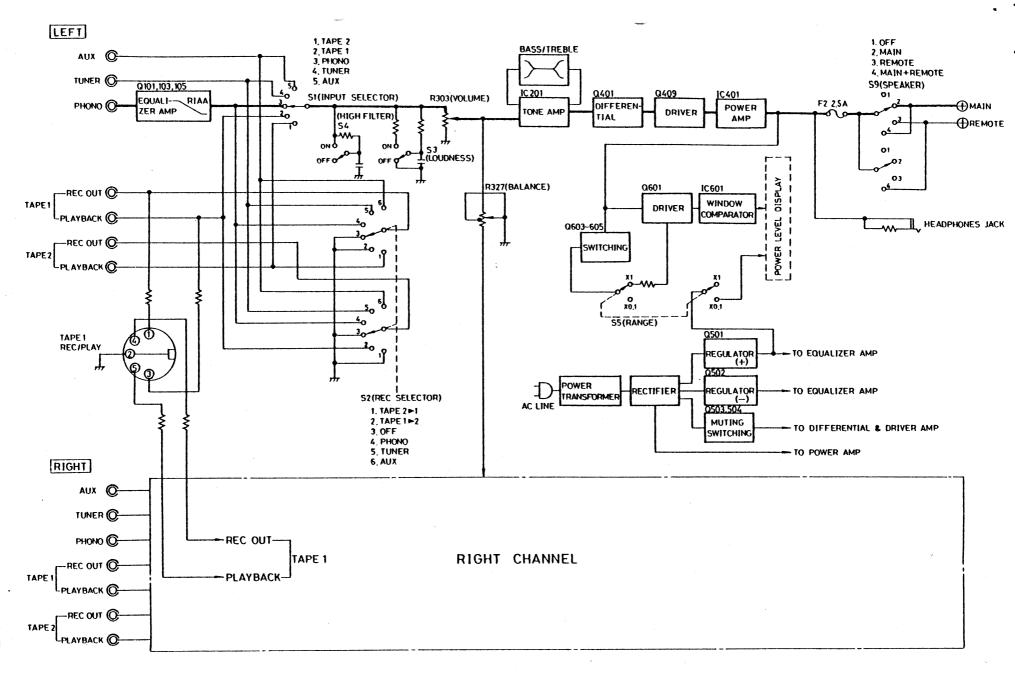
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[13]

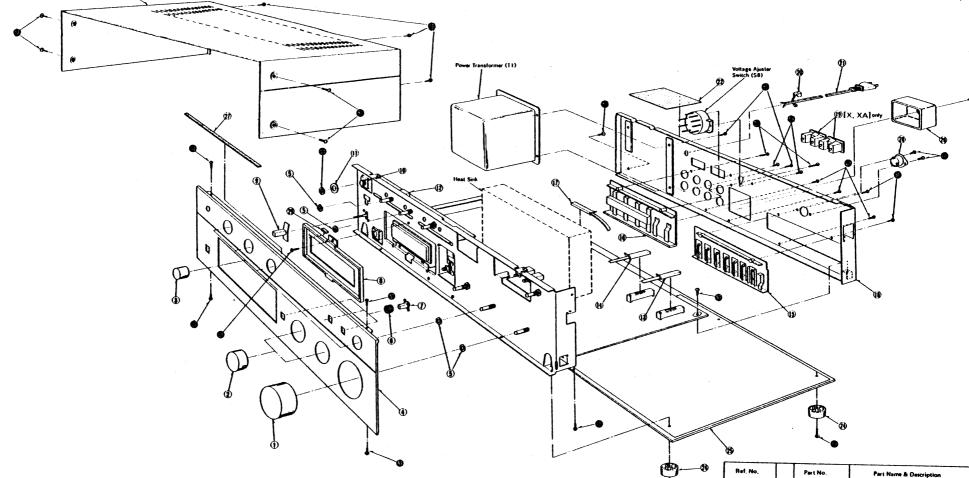
BLOCK DIAGRAM



5

SU-8044/K

■ EXPLODED VIEWS



**** REPLACEMENT PARTS LIST**

Notes: 1. Part numbers are indicated on most mechanical parts, Please use this part number for parts order.

2. A indicates that only parts specified by the manufacturer be used for sefety.

Ref. No.	Part No.	Part Name & Description	Ref. No.	Parl No.	Part Name & Description
1 2 3 4 5 6 7 8 8	CABINET en SBN821 SBN823 SBN825 SGWU8044 M SNE4021 SUS122-1 SBC197 SYE545 SBC19 XC367218-A	d CHASSIS PARTS Knob, Volume Knob, Rec Selector & Input Selector Knob, Speaker Selector, Bass, Treble & Balance Panel, Front Ass'y Nut., Volume, Rec Selector, Input Selector Balance, Treble Bass, Speakers Spring, Range, High Fitter & Loudness Switch Button, Power Switch Button, Power Switch Button, Power Switch	11 12 13 14 15 16 17 18 [E]	SNE59-1 ESA23426 ESA3310 ESA3319 SJF3029 SJF8013-1 ESA2073 SGP1871A SGPU8044E SGPU8044L	Washer, Headphones Jack Remote Control Switch, Speakers Wire, Remote Control Swotch Wire, Remote Control Switch Terminal, Imput Terminal, Speakers Wire, Remote Control Switch Rear Panel, SGP1671A with Name Plat (SGT18370) par Panel, SGP1671-1A with Name Plat (SGT18300)

Ref. No.		Part No.	Part Name & Description
19 [X, XA] only		SJSA68-1	Socket, AC Outlet
20 [E, EG, XGH, XGF, EB, X, XA]		SHR127	Bushing, AC Cord
20 [XE]		SHR129	Bushing, AC Cord
20 [XAL]		SHR131	Bushing, AC Cord
21 (E, EG, XGH, XGF, EB)	Δ	RJA23ZC	AC Cord, with Plug
21 [X, XA]	Δ	SJA97	AC Cord, with Plug
21 (XE)	Δ	RJA45ZC	AC Cord
21 [XAL]	Δ	QFC1207M	AC Cord, with Plug
22		SHS6107	Cloth, Protector
22 (X, XA) only		SHS6109	Cloth, Protector
23		SKA10416	Cabinet
24		SKLA7-1	Foot, Set
25		SYU189-1	Buttom
26		SUV337	Cover Fuens
27		SHS6101-1	Cloth 4
28		RJS31-1	Socker, DIN IREC/PLAY
79		SHG1529	Rubber Cushion, Ft. Peak Power Meter
			Bracket

Part No.	Part Name & Description
SCREWS a	nd WASHERS
XT83+88F2 XT83+88 XWC38 XT83+88 XWC38 XSN3+6F2S XWA38FZ XNSS12 XTN3+88 XWG3 XT84+10FZ XWA4FZ XWA4FZ XWB4FZ XTB4+8FFN XTB3+88FN XTB3+168 XWC3FN XTB3+168 XWC3FZ XSN3+8S	Screw, Sneaker Terminal, Input Terminal & Fuse Cover Mitg Screw, Front Panel Mitg Washer, Front Panel Screw Screw, Printed Circuit Board Mitg Washer, Front Panel Screw Screw, Voltage Adjuster Switch Mitg Washer (Spring), Voltage Adjustor Switch Screw Not, Hasdphones Jack Mitg Screw, Bottom Board Mitg Washer, Bottom Board Mitg Washer, Bottom Board Screw Screw, Counce Transformer Mitg Washer (Spring), Power Source Transformer Screw Washer, Power Source Transformer Screw Screw, Cabinet Mitg Screw, Cabinet Mitg Screw, Set Foot Mitg Screw, Flex Panel and DIN Socket Mitg Washer, Rear Panel and DIN Socket Screw Screw, Flex Panel and DIN Socket Screw Screw, Flex Panel and DIN Socket Screw Screw, Flex Power Meter Mitg Washer (Spring), Fl. Peak-Power Meter Screw
	Washer, F.L. Peak Power Meter Screw
	SCREWS at XT83+88F Z XT83+88 XWC38 XT83+88 XWC38 XS13-6F Z XT83+88 XWG3 XT84+10F Z XT84+10F Z XWA4F Z XT84+18F F N XT83+88F N XT83+88F N XT83+188F N XT83+188F N XT83+188F Z XWC3F Z X

[18]

■ REPLACEMENT PARTS LIST Electric Parts

Notes: 1. Part numbers are indicated on most mechanical parts.

Please use this part number for parts order.

2. A indicates that only parts specified by the manufacturer be used for selety.

			· · · · · · · · · · · · · · · · · · ·							
Ref. No.	\bot	Part No.	Part Name & Description	Ref. No.	T	Part No.	Part	Name & De	scription	
			D CIRCUITS			RES	STORS			
IC201	- 1	SVINJM45590S	IC, Tone Amptifier	R101, 102	1	ERD25TJ274	Carbon,	270kΩ.	4444	
IC401, 402	-	SVISTK0039N	IC, Power Amplifier	R103 104	- 1	ERD251J391	Carbon,	270KII, 390Ω.	1/4W,	± 5%
tC601, 602	- 1	SVIBA663	IC, Ft. Comparator	R105, 106	1	ERO25TJ563	Carbon.	56kΩ,	1/4W, 1/4W,	£ 5%
	- 1	i		R107, 108	1	FRD26T1104	Carbon,	100kΩ,	1/4W.	± 5%
				R109, 110	- 1	ERD26TJ153	Carbon,	15kΩ,	1/4W	± 5%
		TRAN	SISTORS	R111, 112	-	ERD26TJ223	Carbon	22kΩ.	1/4W.	1 5%
D101, 102	ı	2SA902S-F	Transistor, PHONO Input Amplifier	R113, 114	-	ERD25TJ162	Carbon	1.5kΩ.	1/4W	1.5%
	1	i .	(Use in ranks F or G)	R115, 116	1	ER0251J332	Carbon	3.3kΩ	1/4W,	1 5%
2103, 104	1	2SC1815-O	Transistor, Equalizer Amptifier	R117, 118		ERD251J271	Carbon,	270Ω	1/4W.	± 5%
	- 1	1250.0.50	(Use in ranks Y or O)	R119, 120	1	END25TJ680	Carbon,	6θΩ.	1/4W	± 5%
Q105, 106	-	2SC1815-O	Transistor, Equalizer Amplifier	11	- 1	1	1			_ 0.0
	1	1	(Use in ranks Y or O)	R121, 122	- 1	ERD25TJ154	Carbon,	150kΩ.	1/4W,	± 5%
2401, 402	I	2SA798A-G2	Transistor, Differential Amplifier	R123, 124	1	ERD25TJ124	Carbon,	120kΩ,	1/4W,	± 5%
	1		(Use in ranks F2 or G2)	R125, 126 R127, 128	1	ERD25TJ122	Carbon,	1.2kΩ,	1/4W,	1 5%
2403, 404	1	25C1328-T	Transistor, Current Mirror	R129	1	ERD257J224 ERD25TJ103	Carbon,	220kN,	1/4W,	1 5%
	ı	1	(Use in ranks S, T or U)	R130	1	ERD251J103	Carbon,	IOKU,	1/4W,	± 5%
0407, 408	1	2SC1815-O	Transistor, Emitter Follower	R141, 142	۸ ا	ERD25FJ390	Carbon,	560Ω,	1/4W,	1 5%
	1	ł	(Use in ranks Y or O)	R203, 204	1 -	ERD25TJ224	Carbon, Carbon.	39Ω,	1/4W,	± 5%
2409, 410	1	2SC1885-R	Transistor, Pre Drive Amptifier	R205, 206	1	ERD26TJ561	Carbon,	220kΩ,	1/4W,	1 5%
	1	1	(Use in ranks Q, R or S)	R207, 208	1	ERD257,563	Carbon,	560Ω.	1/4W,	± 5%
0411, 412	1	28A666A1-R	Transistor, Current Stabilizer		1	CHD2813593	Carbon,	56kΩ,	1/4W,	± 5%
	1	1.	(Use in ranks P, Q or R)	R209.210		ERD25TJ474	Carbon	470kΩ		
0501	1	25C1913 R	Transistor, Regulator	H211, 212	1	ERD25TJ562	Carbon,	4/UKΩ, 5.6kΩ.	1/4W,	± 5%
25.00	1	1	(Use in ranks Q or R)	R215, 216	1	ERD25TJ122	Carbon,	5.6×11, 1.2kΩ	1/4W, 1/4W	± 5%
2502	I	2SA684NC-R	Transistor, Regulator	11	ł		Carbon,	1.2811,	1/400,	± 5%
	1	1	(Use in ranks P, Q or R)	R219, 220	1	ERD26TJ333	Carbon,	33kN.	1/4W.	4 5%
503, 504	1	2SC1815-O	Transistor, Muting Switching	R223, 224		ERD26TJ392	Carbon,	39kO	1/4W	± 5%
	1	1	(Use in ranks Y or O)	R225, 226	1	ERD25TJ584	Carbon	560kΩ.	1/4W	1 5%
0601, 602,		25C1328-T	Transistor, Meter Range Switching	R227, 228	1	ERD25TJ393	Carbon.	39kΩ.	1/4W	1 5%
603, 604	1	1	(Use in ranks S, T or U)	R301, 302	1	ERD25TJ472	Carbon.	4.7kΩ,	1/4W.	± 5%
0605	1	25A666A1-R	Transistor, Meter Range Switching	R305, 306	1	ERD25TJ303	Carbon,	39kΩ,	1/4W	± 5%
	1	ł	(Use in ranks P, Q or R)	1	1	1		٠	17 400.	
				R307, 308	1	ERD26TJ824	Carbon,	820kΩ.	1/4W.	± 5%
		DIO	DES	R309, 310	1	ERD267,023	Carbon,	82kf),	1/4W,	1 5%
	1	T		11	1		Į.			
9401.402	1	MA150	Diode, Input Limiter	R313, 314	1	ERD28TJ104	Carbon,	100kΩ,	1/4W	± 5%
403, 404	1		Ciode, input Limiter	R315, 316	1	ERD25TJ104	Carbon,	100kΩ,	1/4W,	1 5%
0405	ŧ	SVDMZ314R	Diode, 14V Zener	R317, 318	1	ERD25TJ394	Carbon,	390kΩ,	1/4W,	± 5%
1407, 408	ł	SVDMA26-1	Dinde	R319, 320	1	ERD26TJ104	Carbon,	100kΩ,	1/4W,	± 5%
501, 502,	1 4	SVDS3V20	Rectifier	R321, 322	1	ERD26YJ472	Carbon,	4.7kΩ,	1/4W.	± 5%
503, 504	ł	1		R323, 324	ļ	ERD261J472	Carbon,	4.7kΩ,	1/4W,	± 5%
9505, 506	1	SVDMZ324A	Diode, 24V Zener	1 .	1	i	1			
)509	Δ	SVD10E1	Rectifier	R401, 402	1	ERD25TJ122				
0510, 511	1	MA150	Diode, Switching	R403, 404	1	ERD2513122	Carbon,	1.2kΩ,	1/4W,	± 5%
601, 602	1	2-OA99	Diode, Detector	R405, 406	1	ERD267J122	Carbon, Carbon,	lokΩ,	1/4W, 1/4W	£ 5%
	1		·	R407, 408	1	ERD26T471	Carbon,	1.2kΩ,		± 5%
		1		R409, 410	j	ERD25TJ122	Carbon.	470Ω, 1.2kΩ,	1/4W, 1/4W,	± 5%
		COILS and TR	ANSFORMER	R411, 412	1	ERD251J661	Carbon.	560N		± 5%
401, 402		SLQY15G-3U	Coil, Power Amplifier Output	R415, 416		ERD25FJ102	Carbon.	IkΩ.		± 5%
1	Δ	SLT5N327	Transformer, Power Source	R417, 418	1	ERD25TJ882	Carbon.	6.8kΩ,		1 5%
		1		R419, 420	1	ERD28TJ103	Carbon.	10kΩ.		4 5%
		COMPONENT C	OMBINATIONS	R421, 422		ERD25FJ330	Carbon.	330	1/4W	± 5%
401, 402	A	ERF5GEKR47N	Non-Flammable Resistor, 0.47Ω (X2) 5W		1	l	1		,	
501	-	EXRFS203ZS	0.01#F (X2), Rectifier	R423, 424	ΙΔ.	ERD25FJ122	Carbon,	1.2kΩ,	1/4W	4 5%
		1		R425, 426	Δ	ERD25FJ332	Carbon,	3.3kΩ,	1/4W	± 5%
		VARIABLE	RESISTORS	R427, 428	١.	ERD25TJ184	Carbon,	180kΩ.		± 5%
213, 214		EWK32F25C15S	Treble & Bass Control, 100kΩ (C)	R429, 430	ΙΔ.	ER050FJ100	Carbon,	10Ω,	1/2W	± 5%
221.222	1	EWK32F29C193	Treuse & Bass Control, TUOKII (C)	R431, 432	1	ERX1ANJBR2	Metal Film,	8.2Ω,	IW,	4 5%
303, 304	1	FWF6LA031BF5	Volume Control, 250k() (A)	R433, 434	1.	ERGZANJ331	Metal Oxide,	330f),	2W.	± 5%
327	1	EVH63F25G25\$	Balance Control, 200kΩ (G)	R435		ERD25FJ222	Carbon,	2.2kΩ,	1/4W.	± 5%
413.414	1	EVLS3AA00813	DC Unblanace Adjustment, 1kΩ (B)	R436	1 4	ERD25FJ470	Carbon,	47Ω.	1/4W.	± 5%
617, 618	1	EVLS3AA00B13	Meter Level Adjustment, 1kΩ (B)	R437, 438	I	ERD26TJ272	Carbon,	2.7kf),	1/4W.	± 5%
628	1 1	EVLS3AA00814	Moter Level Adjustment, 10kΩ (B)	R439	1	ERD25TJ472	Carbon,	4.7kΩ,		£ 5%
			more core regulation, tokit (b)	R440	١.	ERD25TJ123	Carbon,	I2kΩ,	1/4W,	± 5%
		FUS	ES	R441, 442 R501	4	ERD25FJ100	Carbon,	ЮΩ.	1/4W,	£ 5%
2.3	Δ	XBA2C25SSO	Fuse, 2.5A (250V), Speaker Circuit	R502	A	ERD25F J180	Carbon,	18Ω.		± 5%
4	الما	XBAS2C25TIA	Fuse, T2 5A (250V), Speaker Circum		A	ERD25FJ820	Carbon,	82Ω,		± 5%
5	امّا	XBA2C12180	Fuse, T1.25A (250V), Primary	R503, 504	Δ	ERD25FJ152	Carbon,	1.5kΩ,	1/4W,	£ 6%
	1_1			8505	1	60036T 1103				
		SWITE	CHES	R506	1	ERD25TJ102 ERD25TJ152	Carbon,	IkΩ,		± 5%
. 2		ESA2682	Switch, Input & Recording Selector	R507, 508		ERD2513182	Carbon, Carbon,	1.5kΩ, 100Ω.		± 5%
3, 4		SSH257-1	Switch, High Filter & Loudness	R509, 510	a	ERD25FJ222	Carbon,	820f1,		± 5%
		1		R511	-	ERG1ANJ162	Metal Oxide	1.5kΩ.		1 5%
5	1	SSH105	Switch, Meter Range	R512	1	ERD25TJ124	Carbon,	120kΩ.		1 5%
7	اما	ESL21182	Switch, Power Source	R513	1	ERD25TJ693	Carbon.	68kΩ.		5%
8	امّا	ESE37200	Switch, Voltage Adjuster	R514		ERD25	Carbon,	220kΩ.		
9	-	ESA273	Switch, Sprakers	R615	1	ERD25	Carbon.	68k (),		± 5%
	Ll			R516	1 1	ERO25)	Carbon,	470().		1 5%
		MAT	ER .	ł					.,	- ""
		SAD24A17YS	Meter, Fluorescent Peak Power	R517	1	ERD25TJ101	Carbon.	1000.	1/4W.	1 5%
			meter, FINOTESCENT PER POWER	R518	, 1	ERD25TJ103	Carbon.	100(1),		
2.0									-/717,	± 5%

	L	Part No.		larne & Desc	ription		Ref. No.		Part No.	Part N	lame & Des	cription	
N519	A	ERDIBFAJ2R2	Carbon,	2.20,	1/8W,	* 5%	C407, 408		ECCDIHIBIK	Ceramic,	180pF,	50V,	#10%
R520	Δ	ERD25FJ100	Carbon,	100,	1/4W.	± 5%	C409, 410	Į.	ECCD1H330K	Ceramic,	33oF,	50V.	±10%
R601, 602	1	ERD26TJ393	Carbon,	39kN,	1/4W,	± 5%	C411, 412		ECKD1H221KB	Ceramic,	220pF,	50V,	±10%
R603, 604	1	ERD257J103	Carbon,	l0kΩ,	1/4W,	± 5%	C413, 414	ŀ	ECCD2H6ROK	Ceramic,	68pF,	500V.	±10%
R605, 606	1	ERD25TJ104	Carbon,	100kΩ,	1/4W,	± 5%	C415, 416	1	ECKD1H103MD	Ceramic,	0.01/F	50V.	±20%
R607, 608	1	ERD257J104	Carbon,	100kΩ.	1/4W,	£ 5%	C417, 418	ŀ	ECCD2H101K	Ceramic.	100pF	50V.	110%
R609, 610	1	ERD257J182	Carbon,	I.BkΩ,	1/4W,	± 5%	C419, 420	ŀ	ECCD2H101K	Ceramic.	100oF	500V	±10%
R611, 612	1	ER026TJ223	Carbon,	22kΩ.	1/4W.	± 5%	C421, 422		ECEATHS 100	Electrolytic.	10#F.	50V	-,0%
	I	ł	l	-			C423, 424		ECCD1H060C	Ceramic.	6pF	50V.	±0.25¢
R613, 614	1	ERD25TJ123	Carbon,	12kf).	1/4W.	± 5%							-010
R615, 616	1	ERD25TJ331	Carbon,	330f),	1/4W	± 5%	C425, 426		ECCD2H330K	Ceramic.	33oF.	500V.	±10%
R619, 620	i	ERD25TJ824	Carbon,	B20kΩ.	1/4W	± 5%	C427, 428		ECOMINIONEZ	Polyester.	O IPE	50V.	±10%
FI621, 622	i	ERD26TJ101	Carbon,	100Ω.	1/4W.	± 5%	C429, 430		ECOMINIO4KZ	Polyester.	O IPF	50V,	±10%
R624	ΙΔ.	ERD25FJ101	Carbon,	1000	1/4W	± 5%	C431		ECEATHS100	Electrolytic.	10µF.	50V,	2 10%
R623	1	ERD25TJ103	Carbon.	10kΩ.	1/4W	1 5%	C432		ECEATHS101	Electrolytic.		50V	
R626	1 .	ERD25TJ682	Carbon.	6.8kΩ.	1/4W	4 5%	C501, 502		ECE150R822		100µF,		
R627	1	ERD26TJ222	Carbon.	2.2kΩ.	1/4W.		C503, 504			Electrolytic.	8200#F,	50V	
			1	2.2511,	1/711.	1 5%	C505, 506		ECEATV\$221	Electrolytic,	220µF,	35V	
		CAPAC	CITORS						ECEA1E\$470	Electrolytic,	47µF	25∨	
C1 3					450		C507, 508		ECEA1J8330	Electrolytic,	33µF,	63V	
C1, 2	Δ	ECKDHS103SE2	Ceramic,	0.01#F.	450VA	C .	C509		ECEATHS470	Electrolytic,	47 <i>J</i> F,	50V	
C101, 102	1	ECEA50M3R3R	Electrolytic,		50V		I I I			į.			
C103, 104	1	ECCDIHIOIK	Ceramic,	100pF,	50V,	±10%	C601, 602		ECEA50ZR1		0.1µF,	25V	
C106, 106	t i	ECKD1H222MD	Ceramic,	0.0022µF		±20%	C603, 604		ECEA50ZZR2	Electrolytic,	2.2#F,	50V	
C107, 108	1	ECCD1H150K	Ceramic,	15pF,	50V,	±10%	C605, 606		ECEA5021	Electrolytic,	IME.	50V	
C109, 110	1	ECEA1A8101	Electrolytic,		10V		C607, 608		ECEA1C\$330	Electrolytic,	33#F,	16V	
C111, 112	t i	ECEA1A\$221	Electrolytic,	220#F,	107		C609		ECEATES101	Electrolytic,	100#F.	25V	
C113, 114		ECQM1H223JZ	Polyester,	0.022µF,	50V.	± 5%				·			
C115, 116	1	ECQM1H562KZ	Polyester,	0.0056pF	. 60V.	±10%			ACCES	SORIES			
C117, 118	A	ECEASONR47	Non-Polar El	ectrolytic, O	47#F, 5	DV	Al	IA	XBA2C25SS0	Fuse, 2.5A (2	50VI Sonal	ker Circui	
C1 19	1	ECEA1ES470	Electrolytic.	47µF.	25V		A2 [X, XA] only	I	SJP5213-1	Plug Adapter			•
C120	1	ECEA1ES221	Electrolytic.		25V		A3 (X, XA) only	A	SJP5215	Plug Adapter			
C121, 122	1 1	ECKDIHGBIKB	Ceramic,	680oF.	50V.	±10%	11.0 (11.7 11.1 11.1 11.1 11.1 11.1 11.1 11.	1-		. rog Adapter	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
C131, 132		ECEATES101	Electrolytic.	100#F.	25V	1107			PACKIN	CPARTS			
C203, 204	1	ECEASOZ1R	Electrolytic.	IMF,	50V								
C205, 206		ECCD1H390K	Ceramic.	39oF.	50V.	±10%	PI	1	SPP575	Polyethylene	Bag		
C207, 208	1	ECCD1H330K					P2 [X, XA, XAL]	1	SPS 1967	Pad, Left Side	2		
C211, 212	1 1	ECEA60Z3R3	Ceramic,	33pF,	50V,	±10%	L P2 (E, XE,EG, XGH,		SPS1967-1	Pad, Left Side	•		
C213, 214	اما		Electrolytic,	3.3µF,	50V		XGF, EBI	1	1	1			
	-	ECEA16N10	Non-Polar Ele				P3 [X, XA, XAL]	1	SPS 1969	Pad, Right Sk	de		
C215, 216		ECQM1H272KZ	Polyester,	0.0027µF,	50V.	±10%	P3 (E, XE, EG, XGH XGF, EB)	ł	SPS1969-1	Pad, Right Si			
C217, 218	ı	ECQM1H183KZ	Polyester,	0.018#F,	50V.	±10%	P4 IEI	ł	SPG1793	Carton Box			
C2 19, 220		ECQM1H123KZ	Polyester,	0.012#F,	50V,	±10%	P4 (XE, EG,	i	SPG1839	Carton Box			
C221, 222		ECQM1H683KZ	Polyester,	0.068µF,	50V,	±10%	XGH, EBI	i	5. 5.555				
C223, 224	Δ	ECEA50N2R2	Non-Polar Ek	ectrolytic, 2.	2 F, 501	, 1	P4 (X, XA)	ł	SPG1841	Carton Box			
C225, 226	1 1	ECEA1E8470	Electrolytic,	47µF.	25V		P4 (XAL)	ł	SPG1843	Carton Box			
	1 1		1			- 1	P4 [XGF]	1	SPG1791				
C303, 304		ECQM1H472KZ	Polyester,	0.0047#F	50V.	±10%	4 17 17051	1	Jaro i /ari	Carton Box			
C306, 306	1 1	ECOM1H393KZ	Polyester,	0.039#F.		±10%	PS IE. EG. XGH.	1	SQF10087	1,	A	- 4 4 4	
C401, 402		ECKD1H331KB	Ceramic,	330pF	60V.	110%		1	36110087	Instructions (SOOK, Print	ed Matter	
C403, 404		ECCD1H470K	Ceramic,	47pF	50V,	±10%	XGF, EB) P5 (XE, X, XA,		SQF 10089	Instructions E	look, Printe	nd Matter	
							1 XALI						

Notes: * (X) and (XA) are available in Asia, Latin America, Middle East and Africa only.

* (XAL) is available in Australia only.

* (XGH) is available in Holland only.
* (E) and (EG) are available in Scandinavia and European only.

* (EB) is available in Belgium only.

* (XGF) is available in France only.

* (XE) is available in United Kingdom only.

M CHANGE OF PARTS LIST

SU-8044K

(X), (XA), (XAL), (XGH), (E), (EG), (EB)

Note: This parts list included only the changes of the model SU-8044 parts list.

Ref. No.	Change of Part No.		
	SU-8044	SU-8044K	Part Name & Description
		CABINET and CHASSI	IS PARTS
1.	SBN821	SBN827	Knob, Volume
2	SBN823	SBN829	Knob, Rec Selector & Input Selector
3	5BN826	SBN831	Knob, Speakers Selector, Bass, Treble & Balance
4	SGWU8044 M	SGWU8044KE	Panel, Front Ass'y
7	SBI	SBC197-1	Button, Range, High Filter & Loudness Switch
8	SYEL	SYE545-1	Bracket, Fluorescent Peak Power Meters
9	S8D19	SBD19-1	Button Power Switch

Ref. No.	Change	of Part No.			
	SU-8044	SU-8044K	Part Name & Description		
18	SGP1671A [E]	SGP1671B [E]	Rear Panel		
		SGPU8044KD (XGH, EB, EG)	Rear Panel, SGP1671B with Name Plate (SGT19630)		
	SGPU8044E [XE. EG, XGH, XGF, EB]	SGPU8044KL [XAL]	Rear Panel, SGP1671-1A with Name Plate (SGT19950)		
	SGPU8044L [XAL] SGP1651-1A [X, XA]	SGPU8044KX [X, XA]	Rear Panel, SGP1651-1A with Name Plate (SGT19950)		
20	SHR127 [E, EG, XGH, XGF, EB, X, XA]	SHR127 [E, XGH, EB, EG, X, XA]	Bushing, AC Cord		
	SHR129 [XE] SHR131 [XAL]	SHR131 [XAL]	Bushing, AC Cord		
21	RJA23ZC [E, EG, XGH, XGF, EB]	RJA23ZC [E, EG, XGH, EB]	AC Cord, Power Source		
	SJA97 [X, XA]	SJA97 [X, XA]	AC Cord, Power Source		
	RJA45ZC [XE] QFC1207M [XAL]	QFC1207M [XAL]	AC Cord, Power Source		
23	SKA10416	SKA10419	Cabinet		
SCREWS and WASHERS					
•	XTB4+8FFN	XTB4+8FFZ	Screw, Cabinet M'tg		
•	XTB3+8BFN XWC3FN	XTB3+8BFZ	Screw, Cabinet M'tg		
PACKING PARTS					
P4	SPG1793 [E]	SPG1967 [E]	Carton Box		
	SPG1839 [XE, EG, XGH, EB]	SPG1969 [XGH, EB, EG]	Carton Box		
	SPG1841 [X, XA] SPG1843 [XAL]	SPG2029 [X, XA, XAL]	Carton Box		

■ PACKINGS

