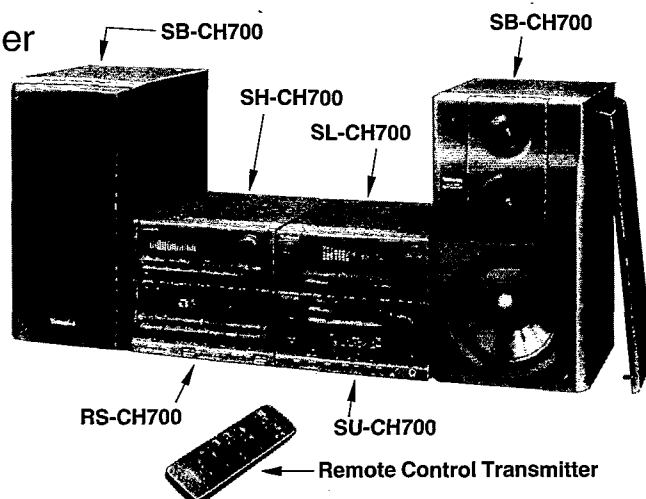


Service Manual

Power Amplifier



Amplifier

SU-CH700

Colour

(K) Black Type

Areas

Suffix for Model No.	Area	Colour
(E)	Continental Europe.	(K)
(EB)	Great Britain.	
(EG)	Germany and Italy.	
(GC)	Asia, Latin America, Middle Near East and Africa.	
(GN)	Oceania.	

Because of unique interconnecting cables, when a component requires service, send or bring in the entire system.

SPECIFICATIONS

POWER AMPLIFIER SECTION

Power output

Front+Surround:

DIN 1 kHz THD 1% 6Ω, 2×40 W

Total Harmonic distortion

Half power at 1 kHz:

0.09% (6Ω)

Impedance

Front:

6Ω

Surround:

8Ω

PRE AMPLIFIER SECTION

Input sensitivity/Impedance

Front:

200 mV/47 kΩ

Mic:

0.7 mV/12 kΩ

Loudness:

5 dB (60 Hz)/for volume position -30 dB

GENERAL

Power consumption:

250 W (SYSTEM)

Power supply

For Great Britain and Oceania:

AC 50/60 Hz, 230~240 V

For Germany, Italy and

Continental Europe:

AC 50/60 Hz, 230 V

For others:

AC 50/60 Hz, 110 V/127 V/220 V/240 V

Dimensions (W×H×D):

215×110×346 mm

Weight:

5.1 kg

Notes:

- Specifications are subject to change without notice.
- Weight and dimensions shown are approximate.
- Total harmonic distortion is measured by the digital spectrum analyzer.

System: SC-CH700

System	Tuner/CD player	Sound Processor	Power Amplifier	Cassette Deck	Speakers
SC-CH700	SL-CH700	SH-CH700	SU-CH700	RS-CH700	*SB-CH700

*(E), (EB), (EG) areas...Made in PAES

Technics

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■ BEFORE REPAIR

- (1) Turn off the power supply. Using a 10Ω, 10 W resistor, connect both ends of power supply capacitors (C703, C704) in order to discharge the voltage.
- (2) Before turning the power supply on, after completion of repair, slowly apply the primary voltage by using a power supply voltage controller to make sure that the consumed current at 50/60 Hz in NO SIGNAL mode is mode should be shown below with respect to supply voltage 110 V/120 V/ 220 V/240 V.

Power supply voltage	AC 110 V	AC 120 V	AC 220 V	AC 230 V	AC 240 V
Consumed current 50 Hz	279~518 mA	264~491 mA	142~265 mA	152~283 mA	133~248 mA
Consumed current 60 Hz	229~426 mA	222~413 mA	120~223 mA	125~232 mA	112~208 mA

■ 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:

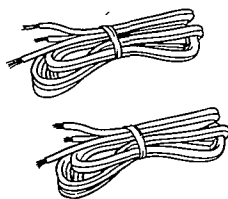
When the protection circuitry functions, the unit will not operate unless the power is first switched OFF and then ON again.

■ ACCESSORIES

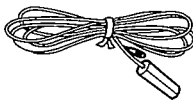
Attachment plug 1 pc.
<SJP9009> for (EB) area



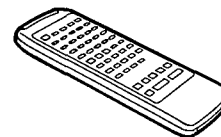
Speaker cord 2 pcs.
<SWXS257M>



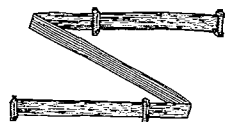
TV/FM indoor antenna 1 pc.
<RSA0006> for (GC) (GN) area
<RSA0007> for (E) (EB) (EG) area



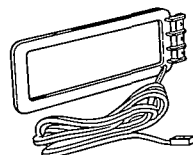
Remote control transmitter 1 pc.
<RAK-SC514W>



Flat cable 1 pc.
<REX0402>



AM loop antenna 1 pc.
<SPB1163T>



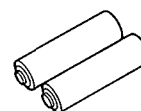
Antenna holder 1 pc.
<SMA233-1M>



Screws 2 pcs.
<XTN3+10AFZ>



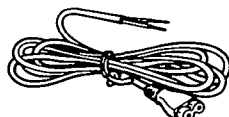
Remote control batteries .. 2 pcs.
<R03>



Optical cable 1 pc.
<SJP2281>

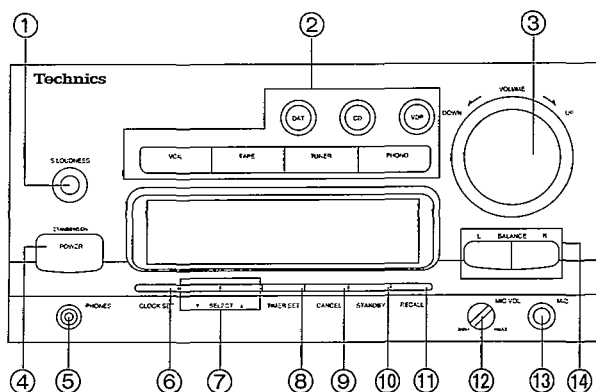


AC Power supply cord 1 pc.
<RJA0019-1K> for (E) (EG) area
<SJA193> for (EB) area
<RJA0004> for (GC) area
<SJA173> for (GN) area



AC plug adaptor 1 pc.
<SJP9215> for (GC) area

■ LOCATION OF CONTROL



① Loudness button (S. LOUDNESS)

This button is used to boost the dynamic low frequency ranges in a low volume level.

② Input select buttons

(DAT, CD, VDP, VCR, TAPE, TUNER, PHONO)
These buttons are used to select the sound source to be heard.

③ Volume level control (VOLUME)

This control is used to adjust the volume level.
Note that "– dB" is the lowest volume setting and "0 dB" is the highest level setting.

④ Power "STANDBY ⏻/ON" switch (POWER STANDBY ⏻/ON)

This switch switches ON and OFF the secondary circuit power only. The unit is in the "standby" condition when this switch is set to the STANDBY ⏻ position. Regardless of the switch setting, the primary circuit is always "live" as long as the power cord is connected to an electrical outlet.

⑤ Headphones jack (PHONES)

⑥ Clock set button (CLOCK SET)

This button is used to set the present time.

⑦ Timer select buttons (▼ SELECT ▲)

These buttons are used when setting the time, making the timer setting, selecting the type of timer operation, etc.

⑧ Timer set button (TIMER SET)

This button is used to enable the timer set mode and the current selection, selected by the timer select buttons.

⑨ Timer cancel button (CANCEL)

This button is used to cancel the timer setting.

⑩ Timer standby button (STANDBY)

This button is used to cancel the timer setting temporarily.

⑪ Timer setting confirmation button (RECALL)

This button is used to confirm the timer settings.

⑫ Microphone volume control (MIC VOL.)

This control is used to adjust the microphone volume level.

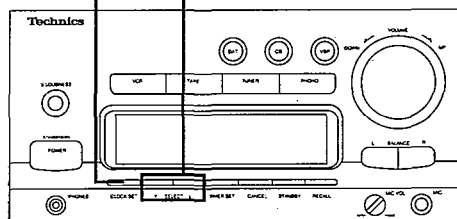
⑬ Microphone Jack (MIC)

⑭ Balance adjustment buttons (BALANCE)

These buttons are used to adjust the volume balance.

● Setting the time

1.3.5.7 2.4.6



For example:

To set the time at 16:25 on Wednesday (4:25 pm).

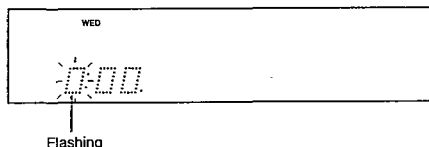
Have you switched on the power?

1 Press the clock set button.

The day indicator will start to flash.

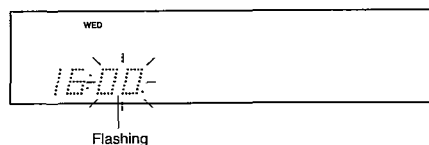
2 Press one of the timer select buttons to select "WED".

3 Press the clock set button.



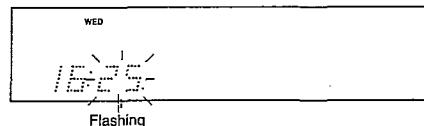
4 Press one of the timer select buttons to select "16".

5 Press the clock set button.



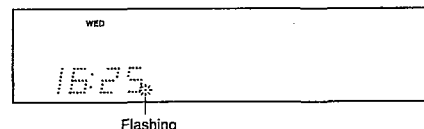
6 Press one of the timer select buttons to select "25".

Note that the minute "00" display appears following "59", but the hour display is not changed.



7 Press the clock set button to finish setting the time.

The dot indicator will start to flash to indicate the clock is working.



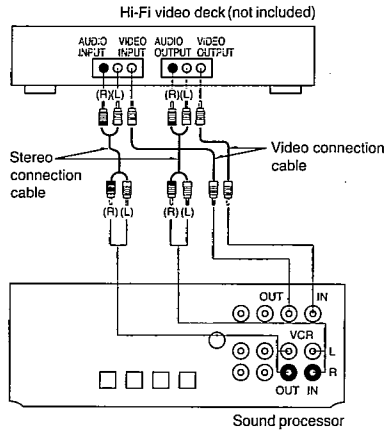
Note:

• "E" appears on the display when the power cord is connected or by electricity failure. Set the time once again.

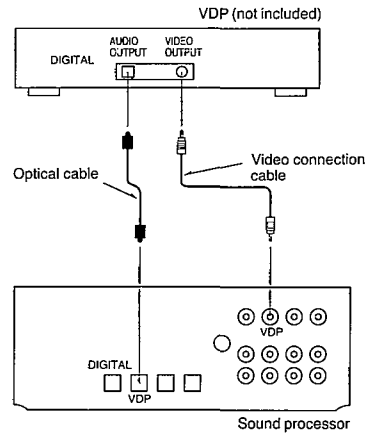
■ CONNECTIONS

● External unit connection

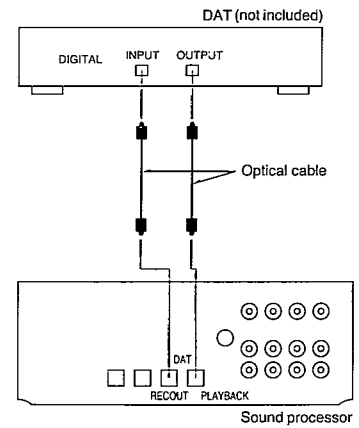
■ Video deck



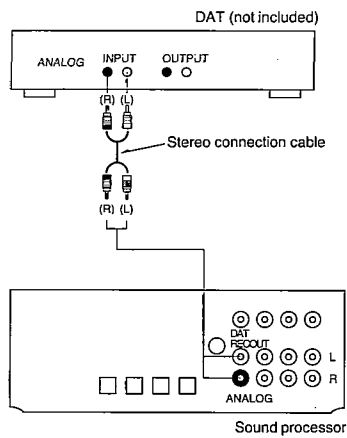
■ Video disc player



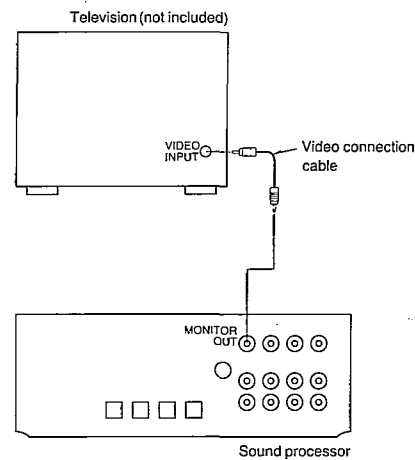
■ DAT (digital audio tape deck) (with optical cables)



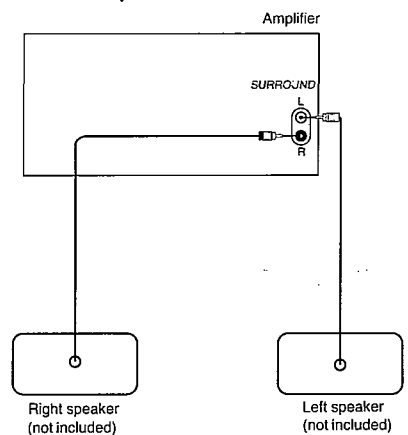
■ DAT (only recording out) (with stereo connection cables)



■ Television



■ Surround speakers

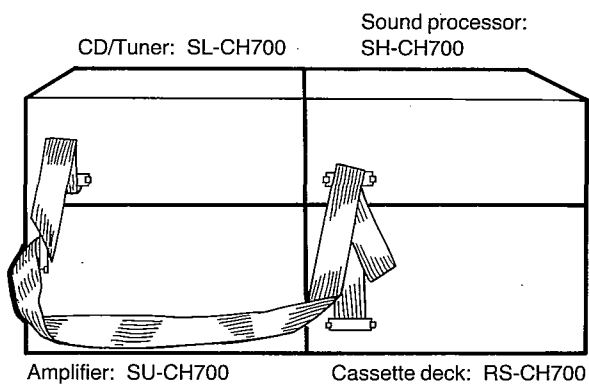


Be sure to connect both speaker systems.
If only one side is connected, no sound will be heard.

You can record the original sound that you have created with this system to DAT tape.

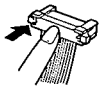
● Connect the flat cables

- When installing the components horizontally, fold the cable as shown in the figure below.

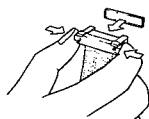


Connecting

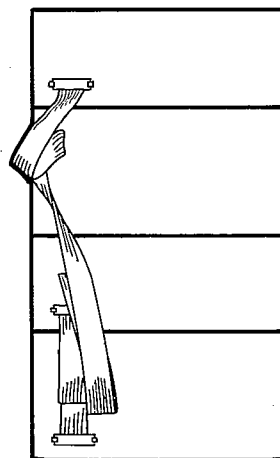
Hold the connector with the recessed part up, press the center until you hear a click.



Disconnecting



- When installing the components vertically, fold the cable as shown in the figure below.



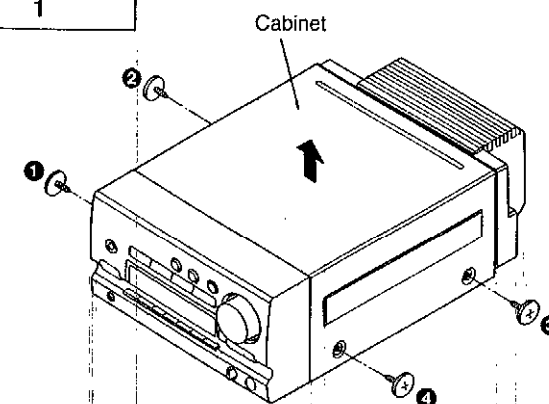
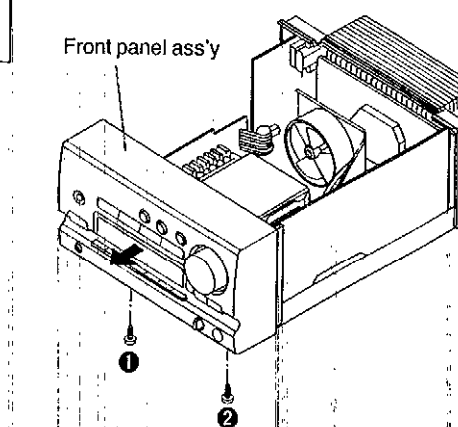
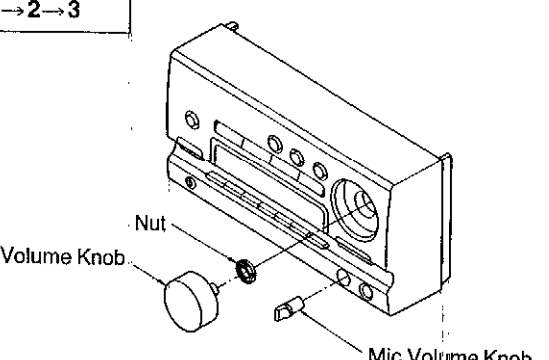
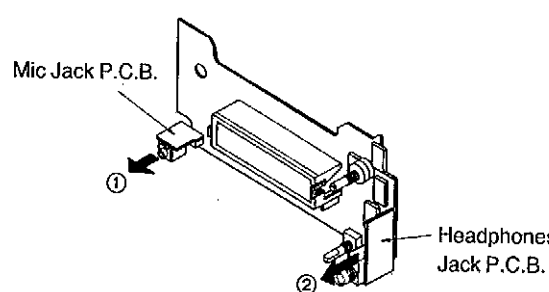
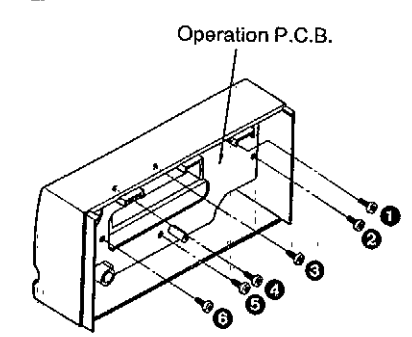
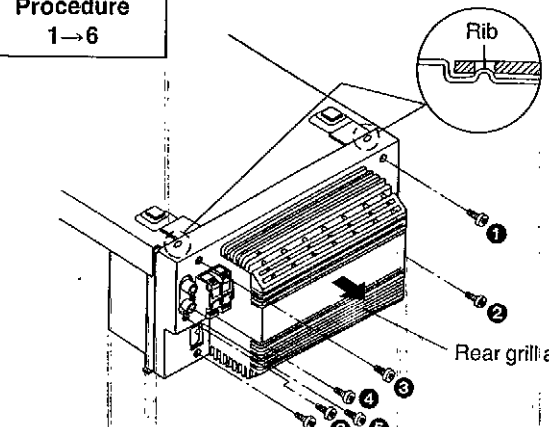
CD/Tuner: SL-CH700

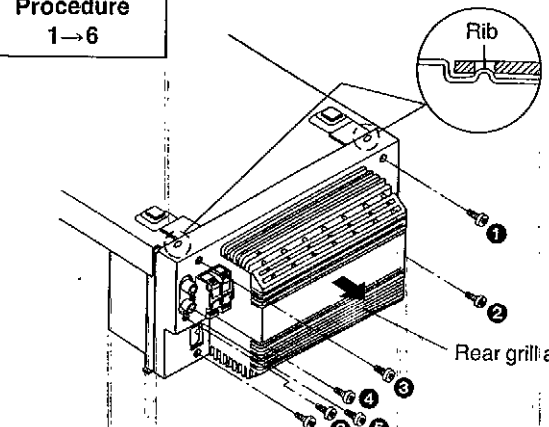
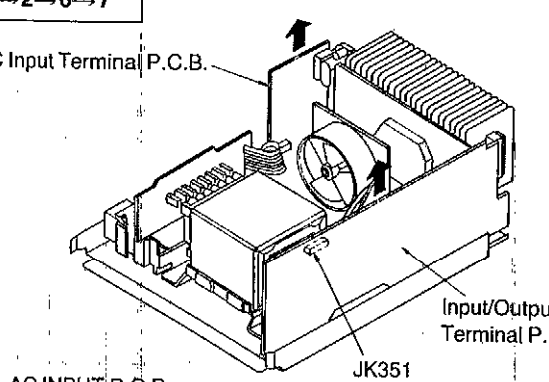
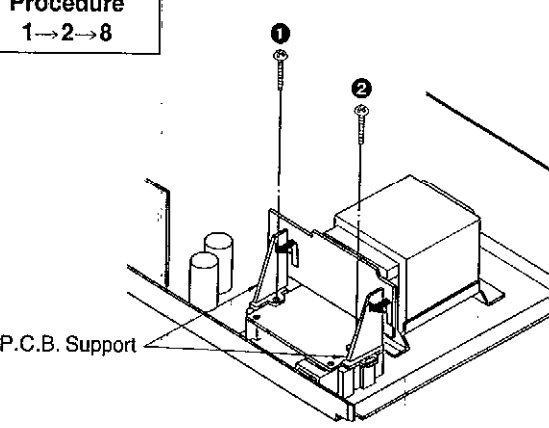
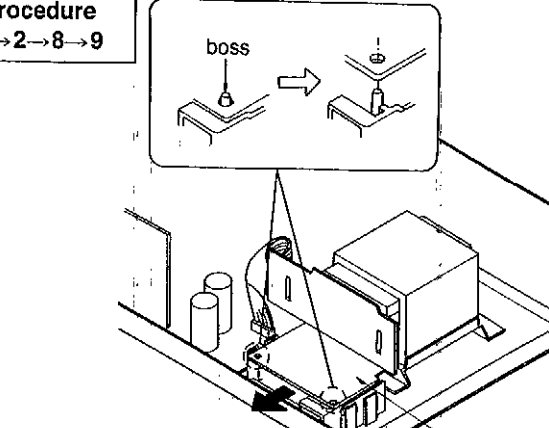
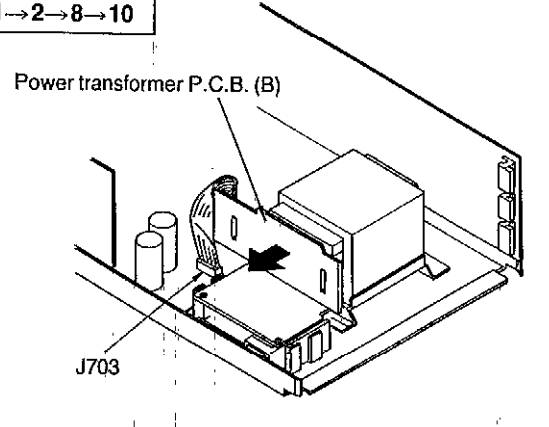
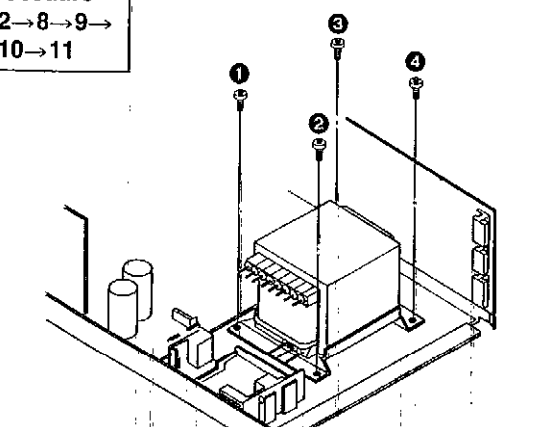
Amplifier: SU-CH700

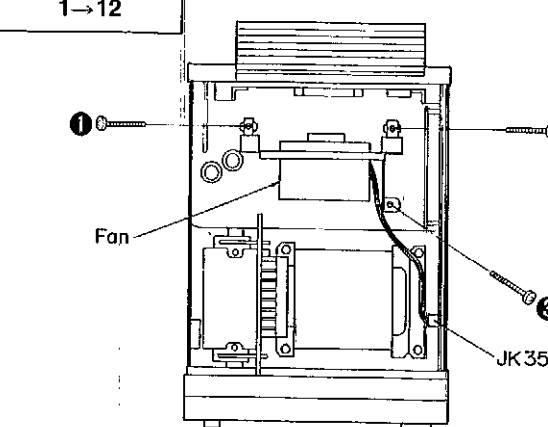
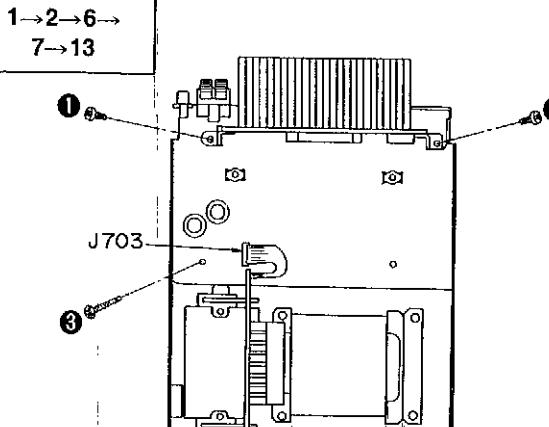
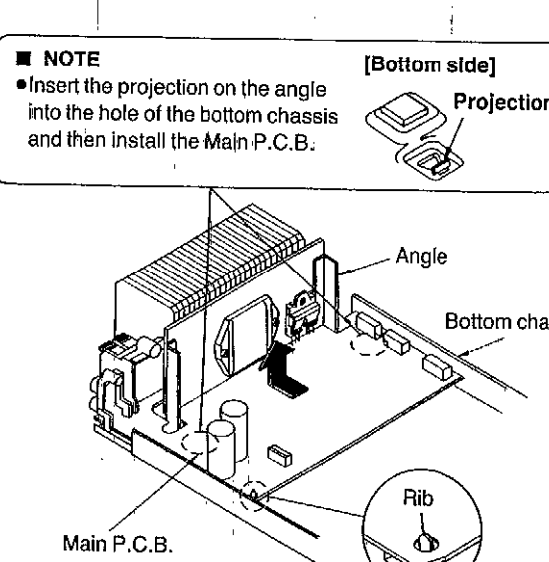
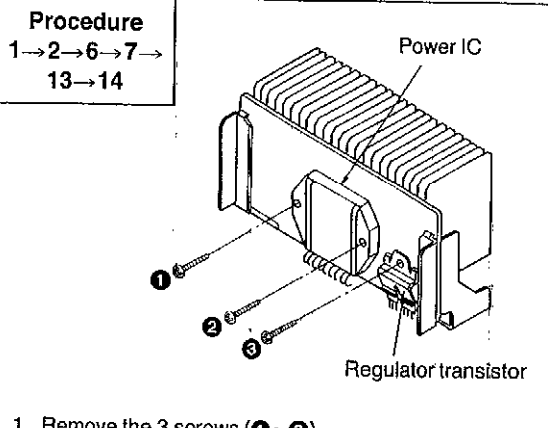
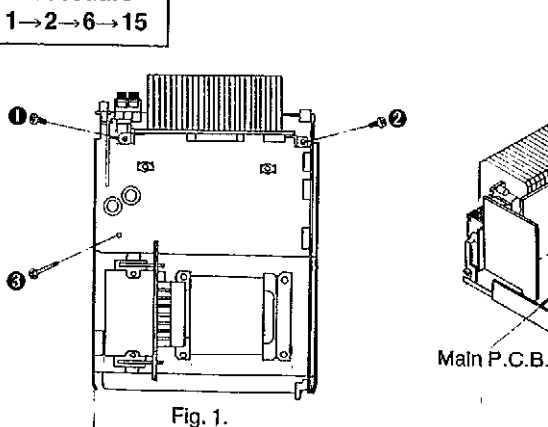
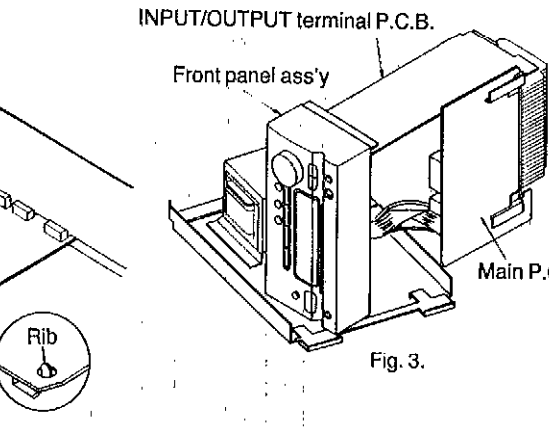
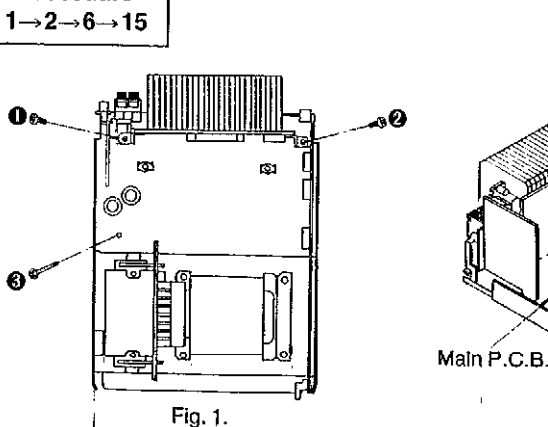
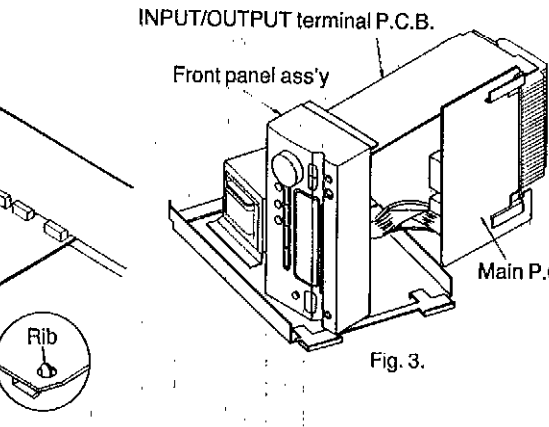
Sound processor: SH-CH700

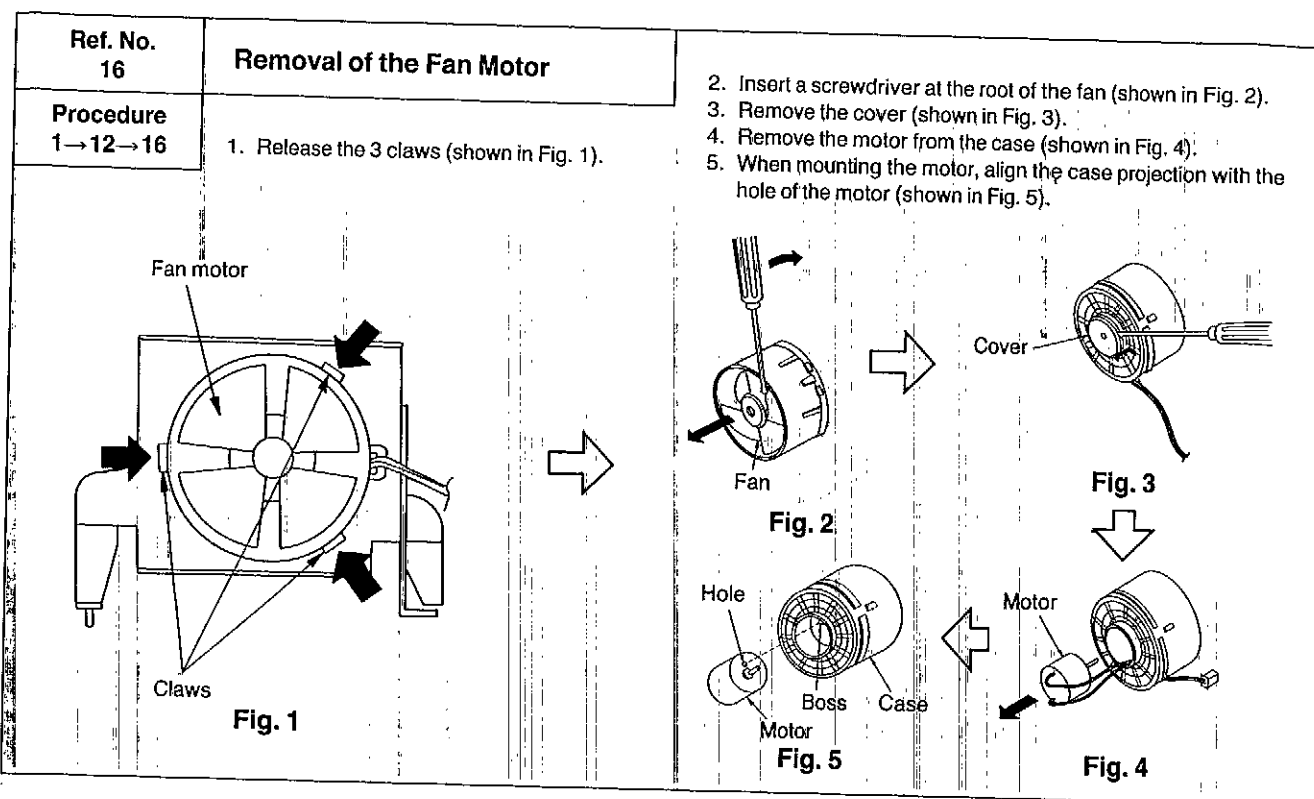
Cassette deck: RS-CH700

■ DISASSEMBLY INSTRUCTIONS

Ref. No. 1 Procedure 1  ● Remove the 4 screws (1~4).	Ref. No. 2 Procedure 1→2  1. Remove the 2 screws (1~2). 2. Remove the front panel ass'y in the direction of the arrow.
Ref. No. 3 Procedure 1→2→3  1. Pull out the 2 knobs (Volume and Mic knob). 2. Remove the Nut.	Ref. No. 4 Procedure 1→2→3→4  ■ Mic Jack P.C.B. ● Remove the Mic P.C.B. in the direction of the arrow ①. ■ Headphones Jack P.C.B. ● Remove the headphones jack P.C.B. in the direction of the arrow ②.
Ref. No. 5 Procedure 1→2→3→5  ● Remove the 6 screws (1~6).	Ref. No. 6 Procedure 1→6  1. Remove the 7 screws (1~7). 2. Remove the 2 ribs and then remove the rear grill ass'y in the direction of the arrow.

Ref. No. 6 Procedure 1→6  1. Remove the 7 screws (1~7). 2. Remove the 2 ribs and then remove the rear grill ass'y in the direction of the arrow.	Ref. No. 7 Procedure 1→2→6→7  ■ AC INPUT P.C.B. ● Remove the P.C.B. in the direction of the arrow. ■ INPUT/OUTPUT TERMINAL P.C.B. 1. Remove the connector (JK351). 2. Remove the P.C.B. in the direction of the arrow.
Ref. No. 8 Procedure 1→2→8  1. Remove the 2 screws (1~2). 2. Remove the 2 support in the direction of the arrow.	Ref. No. 9 Procedure 1→2→8→9  1. Remove the 2 boss. 2. Remove the P.C.B. in the direction of the arrow.
Ref. No. 10 Procedure 1→2→8→10  1. Remove the flat cable (J703). 2. Remove the P.C.B. in the direction of the arrow.	Ref. No. 11 Procedure 1→2→8→9→10→11  ● Remove the 4 screws (1~4).

Ref. No. 12 Procedure 1→12  1. Remove the connector (JK351). 2. Remove the 3 screws (1~3).	Ref. No. 13 Procedure 1→2→6→7→13  1. Remove the 3 screws (1~3). ■ NOTE ● Insert the projection on the angle into the hole of the bottom chassis and then install the Main P.C.B.  2. Remove the rib and then remove the Main P.C.B. in the direction of the arrow.
Ref. No. 14 Procedure 1→2→6→7→13→14  1. Remove the 3 screws (1~3). 2. Unsolder the power IC and regulator transistor. ● When mounting the Power IC or regulator transistor, Apply silicone compound (RFXK0002) to the rear side of power IC or regulator transistor.	Ref. No. 15 Procedure 1→2→6→15  1. Remove the 3 screws (1~3).  2. Remove the rib and then remove the Main P.C.B. in the direction of the arrow.
Ref. No. 15 Procedure 1→2→6→15  1. Remove the 3 screws (1~3).	Ref. No. 15 Procedure 1→2→6→15  3. Reinstall the front panel ass'y to the INPUT/OUTPUT terminal P.C.B. 4. When checking the soldered surface of the main P.C.B. do as shown in the Fig. 3.

**Notes:**

- S601 : Clock set switch
- S602 : Select down switch
- S603 : Select up switch
- S604 : Timer set switch
- S605 : Cancel switch
- S606 : Standby switch
- S607 : Recall switch
- S608 : Balance (L) control switch
- S609 : Balance (R) control switch
- S610 : BS select switch
- S611 : Tuner select switch
- S612 : CD select switch
- S613 : DAT select switch
- S614 : Tape select switch
- S615 : VDP select switch
- S616 : VCR select switch
- S618 : S. Loudness switch
- S619 : Power switch
- S701 : Voltage select switch in "220 V" position (110 V/127 V/220 V/240 V) for (GC) area only

•The supply part number is described alone in the replacement parts list.

Ref. No.	Production Parts No.	Supply Parts No.
IC151 IC202 IC203	BA4558FT1	SV1BA4558F
IC301	M5218AL	M5218L

•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.

•Important safety notice:

Components identified by Δ mark have special characteristics important for safety.

When replacing any of these components, use only manufacturer's specified parts.

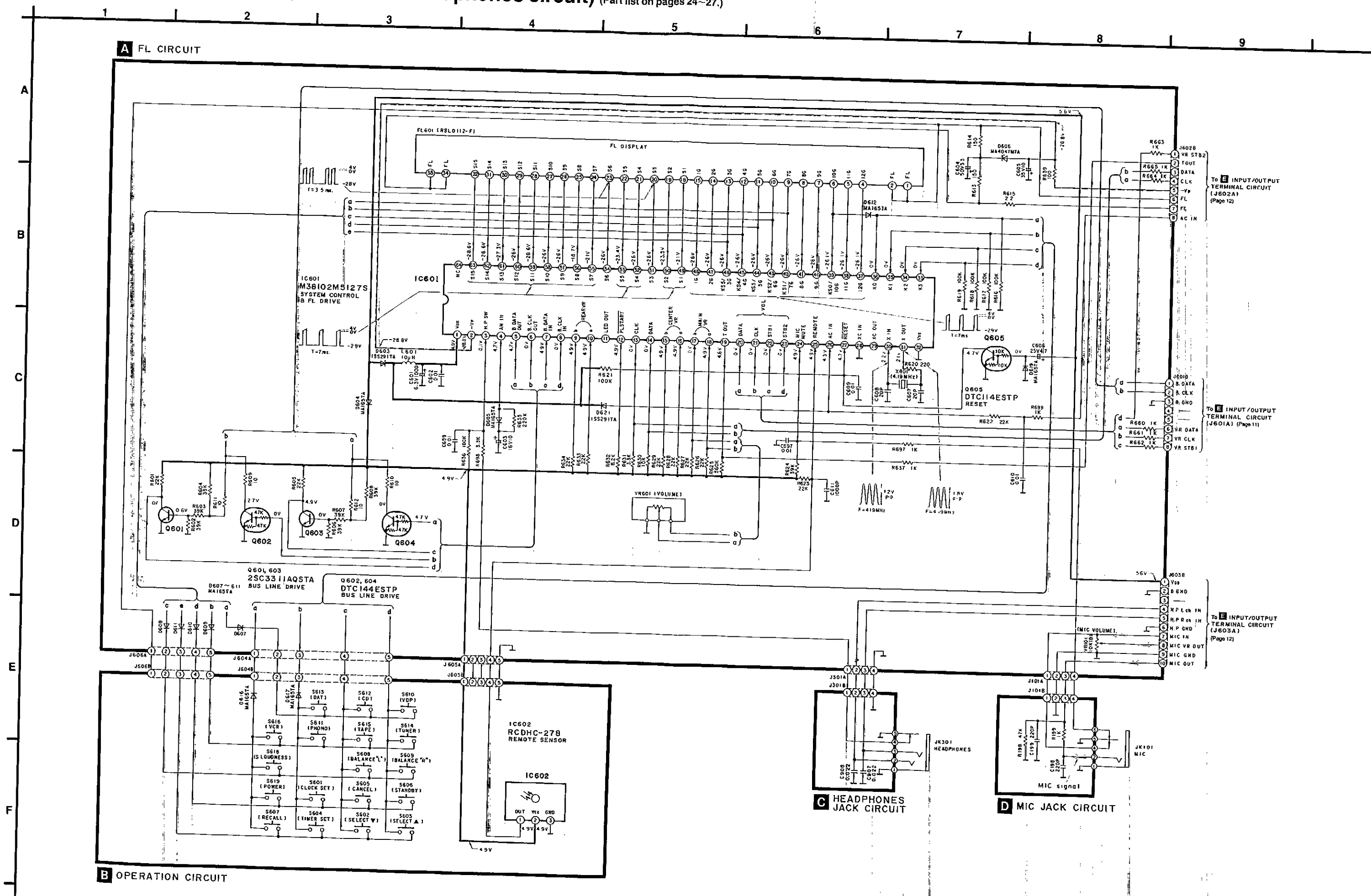
•This schematic diagram may be modified at any time with the development of new technology.

- : Positive voltage line
- - - : Negative voltage line
- > : MIC signal
- > : Source signal

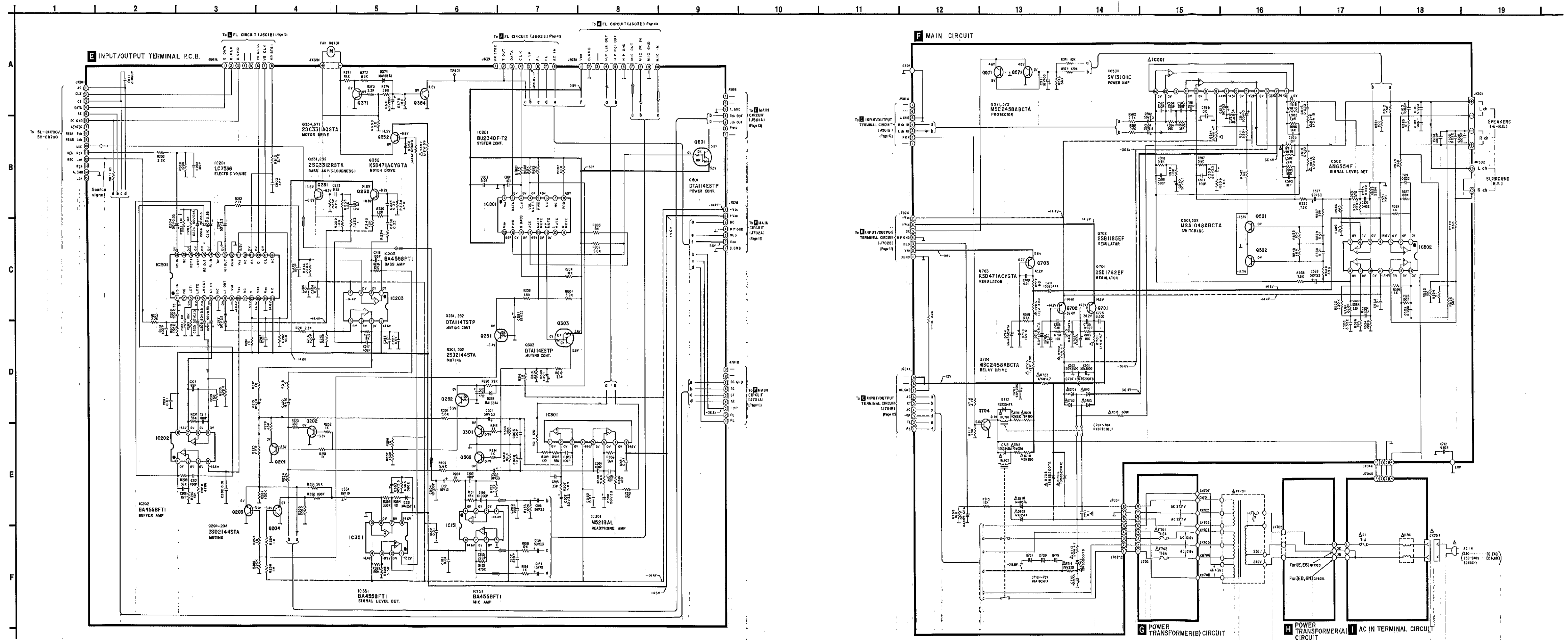
Caution!

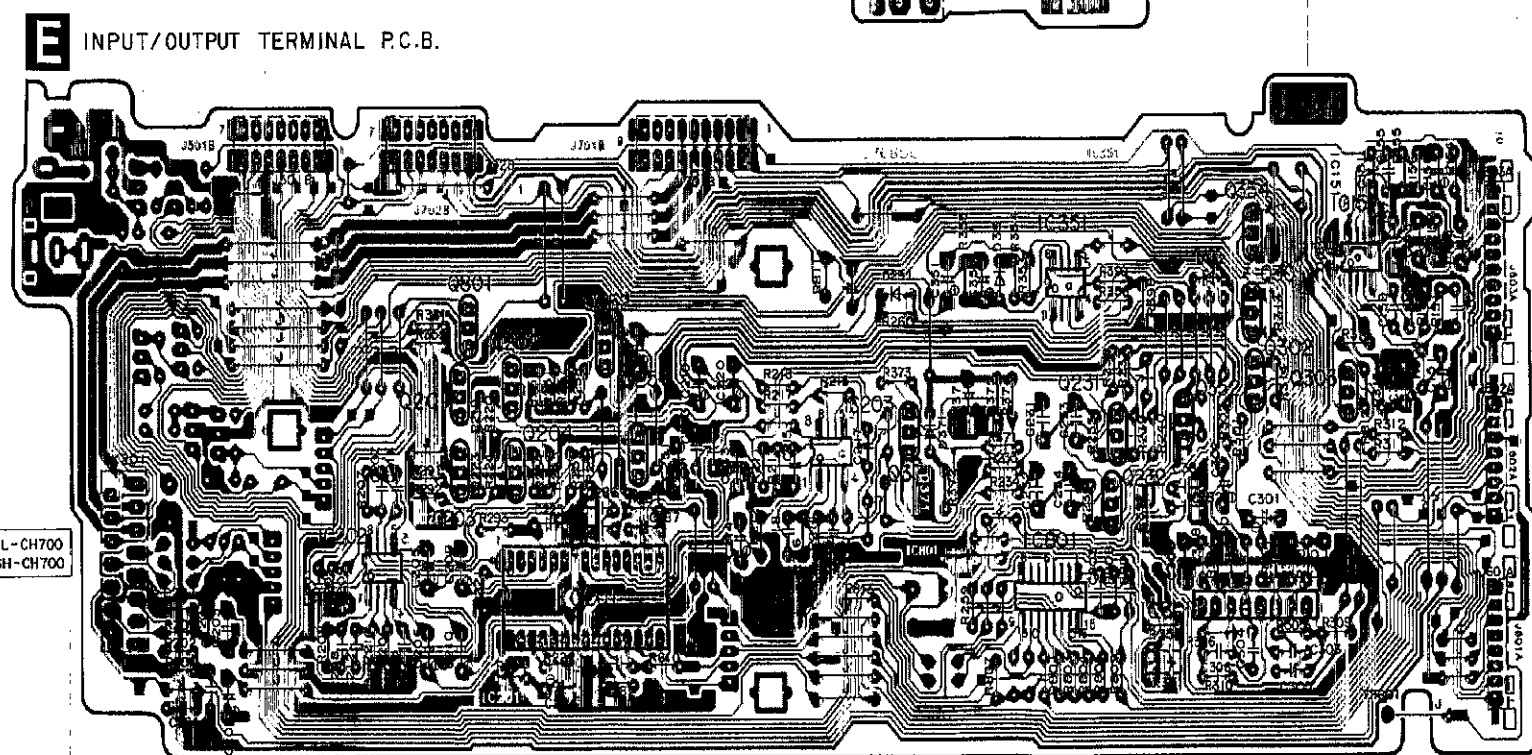
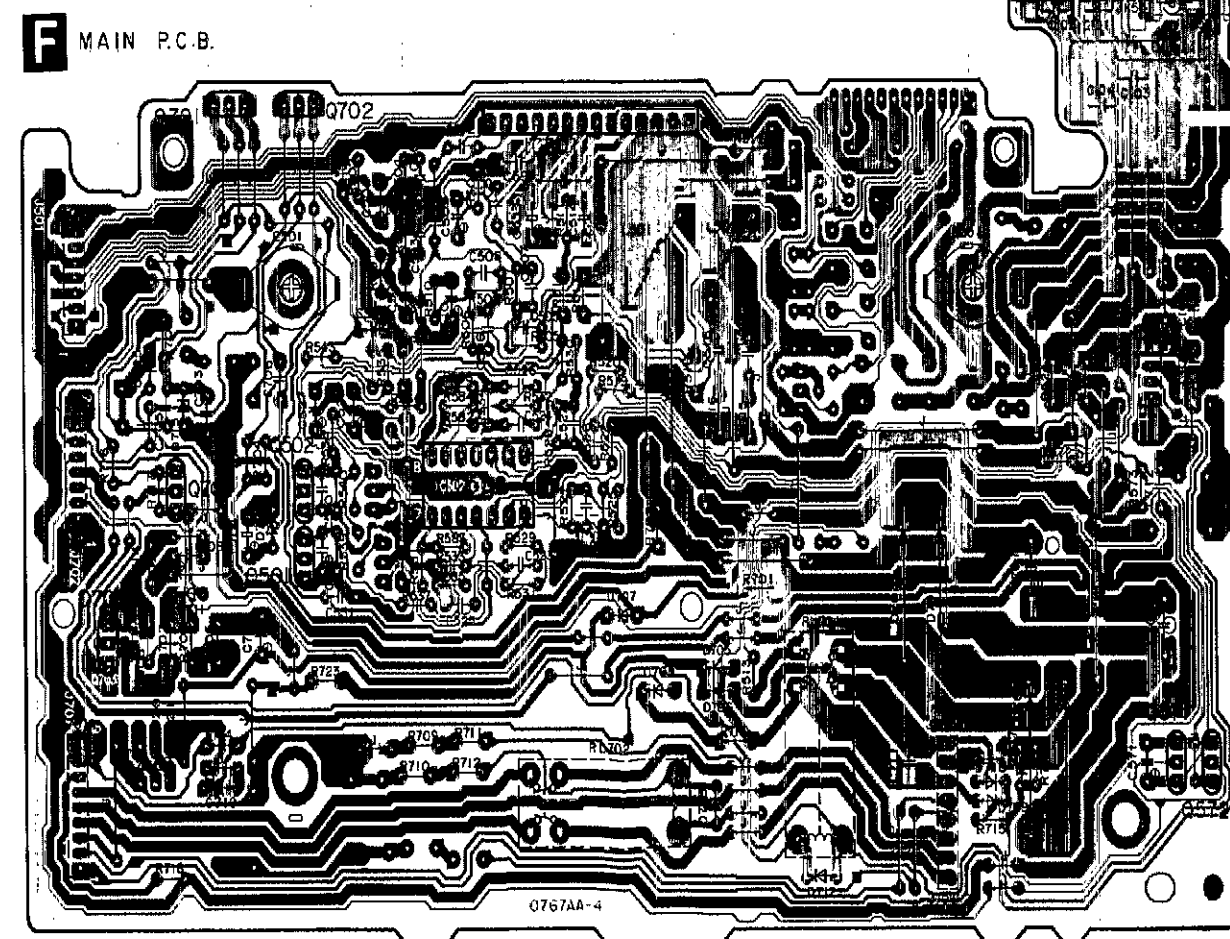
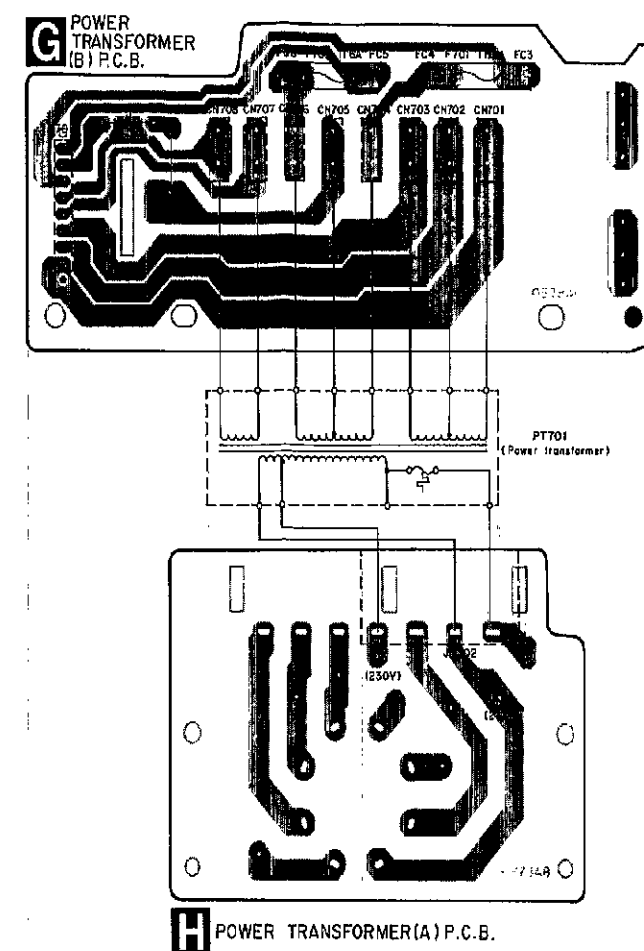
- IC and LSI are sensitive to static electricity. Secondary trouble can be prevented by taking care during repair.
- Cover the parts boxes made of plastics with aluminum foil.
- Ground the soldering iron.
- Put a conductive mat on the work table.
- Do not touch the legs of IC or LSI with the fingers directly.

SCHEMATIC DIAGRAM (Operation/FL/Headphones circuit) (Part list on pages 24~27.)

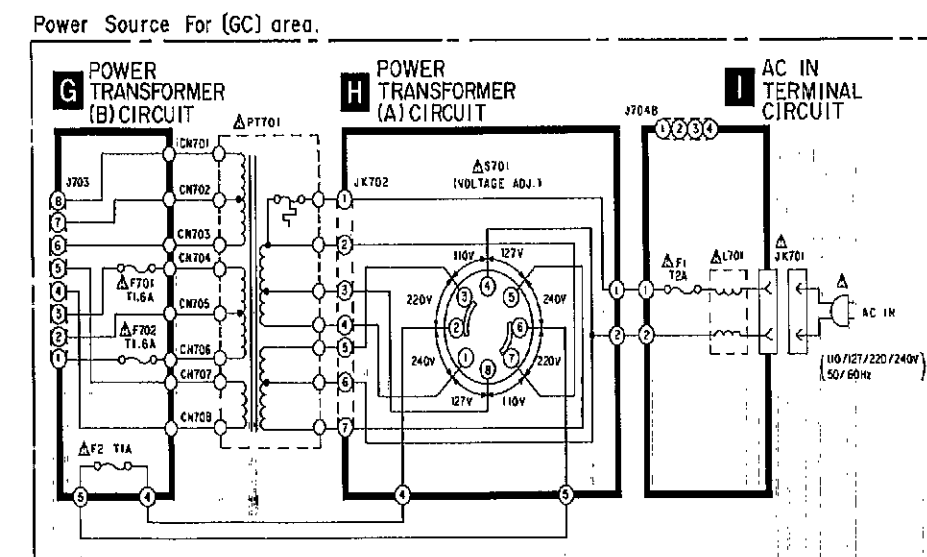
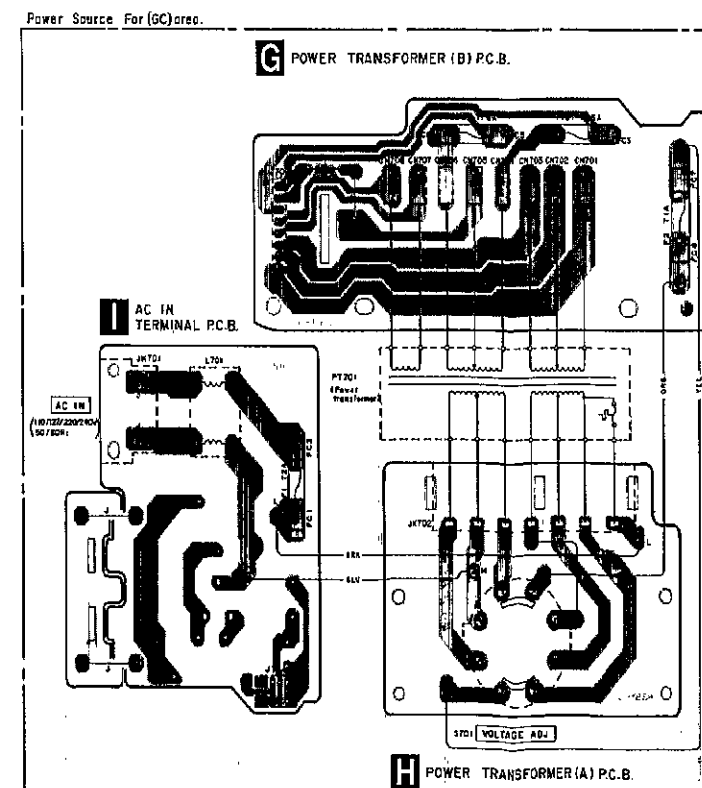


SCHEMATIC DIAGRAM (Input/Output Terminal/Main circuit) (Parts list on pages 24~27.)

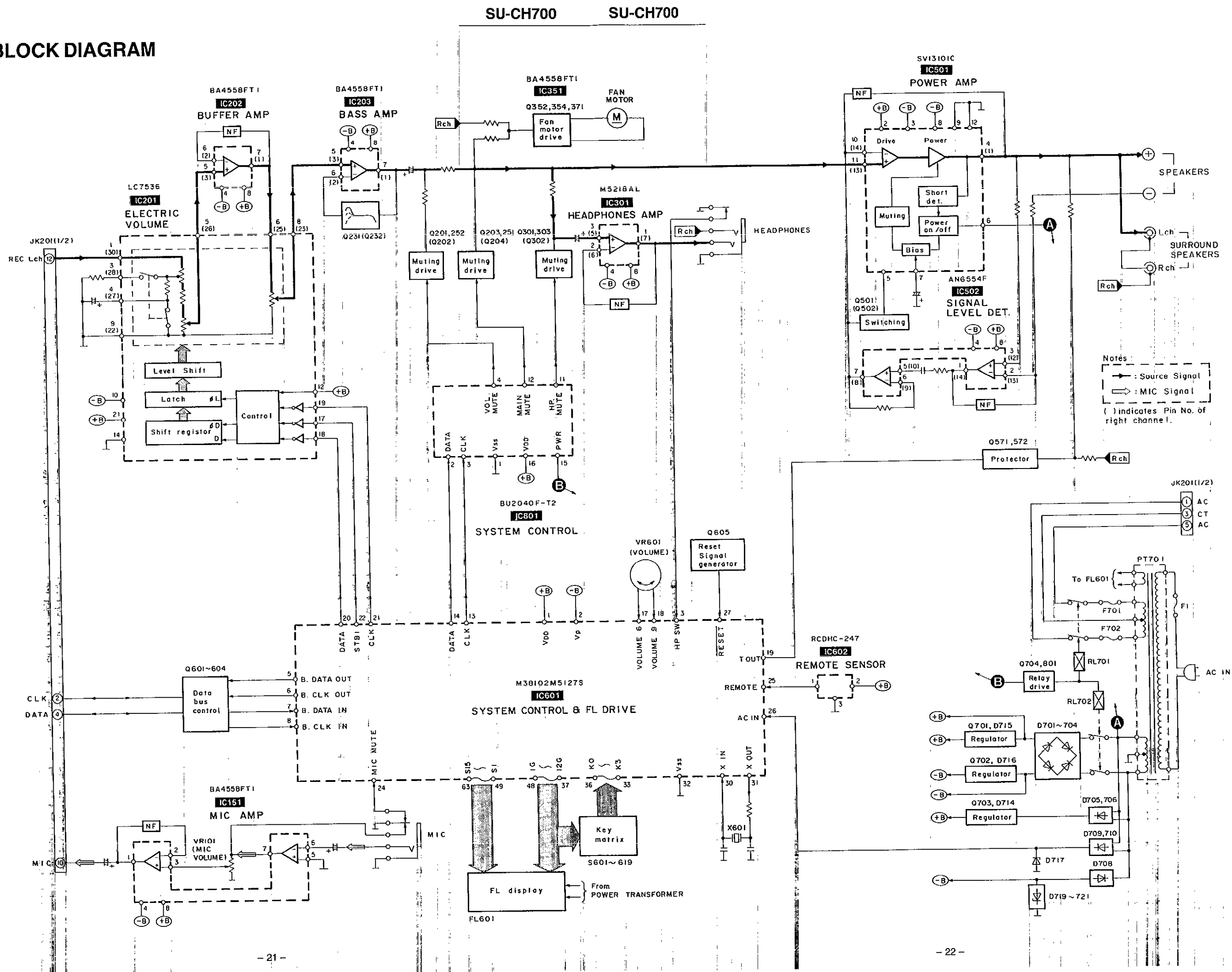




● Terminal guide of IC's, transistors and diodes			
BA4558FT1 	BU2040F-T2 	M38102M5127S 	M5218AL
	SV13101C 	RCDHC-278 	
KSD471ACYGTA 		2SC3311AQSTA 2SC3312RSTA 	
2SB1185EF 2SD1762EF 		MA4100MTA MA4150MTA 	
	RVDP300DLF 	1SS291TA 	



■ BLOCK DIAGRAM



■ FUNCTION OF IC TERMINALS

● IC601 (M38102M5127S)

Pin No.	Terminal Name	I/O	Function
1	V _{DD}	I	Power supply (+5)
2	-VP	I	Pull down voltage input
3	HPSW	I	Headphone output control signal input
4	AN IN	I	Back-up power input
5	B. DATA OUT	O	Data base signal output
6	B. CLK OUT	O	
7	B. DATA IN	I	Data base signal input
8	B. CLK IN	I	
9	REAR VR b	I	Level encoder volume control signal input (Connect to V _{DD} , Not used)
10	REAR VR a	I	
11	S. BASS	O	Not used
12	PLSTART	I/O	Phone mode select signal input/output
13	CLK	O	Clock signal output for IC801 (BU2040F-T2)
14	DATA	O	Data signal output for IC801 (BU2040F-T2)
15	CENTER VR b	I	Level encoder volume control signal input (Connect to V _{DD} , Not used)
16	CENTER VR a	I	
17	MAIN VR b	I	Level encoder volume control signal input
18	MAIN VR a	I	
19	T OUT	I/O	Clock signal monitor input/output (131.072 kHz)
20	VOL DATA	O	PMW control signal output for electronic volume (IC201 LC7536)
21	VOL CLK	O	PMW clock signal output for electronic volume (IC201 LC7536)
22	VOL STB1	O	PMW strobe signal output for electronic volume (IC201 LC7536)
23	VOL STB2	O	
24	MIC MUTE	I	Mic muting signal input
25	REMOTE	I	Remote control receiving signal input

Pin No.	Terminal Name	I/O	Function
26	AC IN	I	50/60 Hz × 2 AC voltage signal input
27	RESET	I	Reset signal input
28	XC IN	I	Not used (open)
29	XC OUT	O	
30	X IN	I	Ceramic Oscillator connection (4.194304 MHz)
31	X OUT	O	
32	V _{SS}	I	GND
33~36	K3~K0	I	Key control signal input
37~41	12G~8G	O	FL digit signal output
42~46	7G~3G	O	Key control signal and FL digit signal output
47, 48	2G, 1G	O	FL digit signal output
49~63	S1~S15	O	FL segment signal output
64	NC	—	Not used (open)

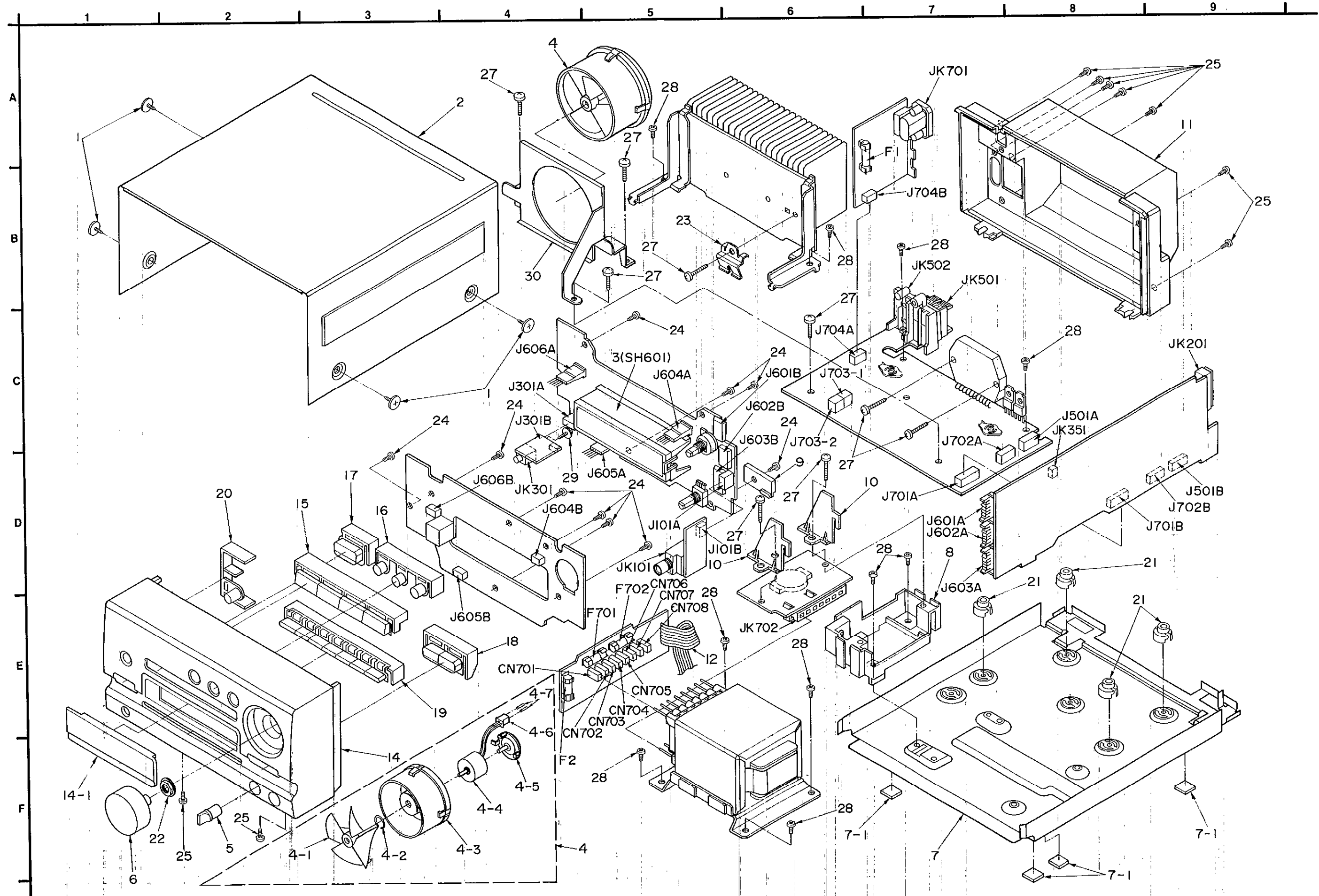
Ref. No.	Part No.	Part Name & Description	Remarks	Ref. No.	Part No.	Part Name & Description	Remarks
		SWITCH(ES)				EARTH TERMINAL(S)	
S801	EVQ21405R	S. W. CLOCK SET		E501	SNE1004-1	GND PLATE	
S802	EVQ21405R	S. W. SELECT DOWN		E701	SNE1004-1	GND PLATE	
S803	EVQ21405R	S. W. SELECT UP				FUSE HOLDER(S)	
S804	EVQ21405R	S. W. TIMER SET					
S805	EVQ21405R	S. W. CANCEL		FC1-6	EYF52BC	FUSE HOLDER	△
S806	EVQ21405R	S. W. STANDBY		FC7, 8	EYF52BC	FUSE HOLDER	△ (GC)
S807	EVQ21405R	S. W. RECALL				RELAY (S)	
S808	EVQ21405R	S. W. BALANCE (L)					
S809	EVQ21405R	S. W. BALANCE (R)					
S810	EVQ21405R	S. W. BS		RL701, 702	SSY134	RELAY	△
S811	EVQ21405R	S. W. TUNER				JACK(S)	
S812	EVQ21405R	S. W. CD					
S813	EVQ21405R	S. W. DAT					
S814	EVQ21405R	S. W. TAPE		JK101	RJ65MA02	MIC JACK	
S815	EVQ21405R	S. W. VDP		JK201	RJT055K015-1	CONNECTOR (15P)	
S816	EVQ21405R	S. W. VCR		JK301	RJJD7S2YA-C	HEADPHONE JACK	
S818	EVQ21405R	S. W. LOUDNESS		JK351	SJT3213	FAN MOTOR CONNECTOR	
S819	EVQ21405R	S. W. POWER		JK501	RJR0054	SPEAKER TERMINAL	
S701	ESE37263	SW. VOLTAGE SELECTOR	△ (GC)	JK502	SJF3068-6N	SURROUND SP. TERMINAL	△ (E, EB, EG, GC)
		CONNECTOR		JK701	SJS9236	AC INLET	△ (E, EB, EG, GC)
				JK701	SJSD16	AC INLET	△ (GN)
				JK702	SJS702-1	CONNECTOR (3P)	(E, EB, EG, GN)
J703-1, 2	RJS1A6604	SOCKET (4P)					
J101A	RJT057W004-1	CONNECTOR (4P)					
J301A	RJT057W004-1	CONNECTOR (4P)					
J501A	RJT057W007-1	CONNECTOR (7P)					
J601A	RJU003K008M1	SOCKET (8P)					
J602A	RJU003K008M1	SOCKET (8P)					
J603A	RJU003K010M1	SOCKET (10P)					
J604A	SJT30549BB1	CONNECTOR (5P)					
J605A	SJT30549BB1	CONNECTOR (5P)					
J606A	SJT30549BB1	CONNECTOR (5P)					
J701A	RJT057W009-1	CONNECTOR (9P)					
J702A	RJT057W007-1	CONNECTOR (7P)					
J704A	RJT057W004-1	CONNECTOR (4P)					
J101B	RJU057W004	SOCKET (4P)					
J301B	RJU057W004	SOCKET (4P)					
J501B	RJU057W007	SOCKET (7P)					
J601B	RJT003K008M1	CONNECTOR (8P)					
J602B	RJT003K008M1	CONNECTOR (8P)					
J603B	RJT003K010M1	CONNECTOR (10P)					
J604B	SJS50581BB	SOCKET (5P)					
J605B	SJS50581BB	SOCKET (5P)					
J606B	SJS50581BB	SOCKET (5P)					
J701B	RJU057W009	SOCKET (9P)					
J702B	RJU057W007	SOCKET (7P)					
J704B	RJU057W004	SOCKET (4P)					
CN701-708	RJS1A1101T1	SOCKET (1P)					

Notes : * Capacity values are in microfarads (uF) unless specified otherwise, P=Pico-farads (pF) F=Farads (F)
* Resistance values are in ohms, unless specified otherwise, 1K=1,000 (OHM) . 1M=1,000k (OHM)

Ref. No.	Part No.	Values & Remarks	Ref. No.	Part No.	Values & Remarks	Ref. No.	Part No.	Values & Remarks
		RESISTORS						
R151	ERDS2TJ473	1/4W 47K	R355	ERDS2TJ564	1/4W 560K	R624	ERDS2TJ393	1/4W 39K
R152	ERDS2TJ332	1/4W 3.3K	R356	ERDS2TJ332	1/4W 3.3K	R625	ERDS2TJ564	1/4W 560K
R153	ERDS2TJ104	1/4W 100K	R357	ERDS1FVJ390T	1/2W 39	R626-629	ERDS2TJ223	1/4W 22K
R154	ERDS2TJ102	1/4W 1K	R358	ERDS2TJ220T	1/4W 22	R630	ERDS2TJ103	1/4W 10K
R155	ERDS2TJ474	1/4W 470K	R371	ERDS2TJ103	1/4W 10K	R631	ERDS2TJ332	1/4W 3.3K
R156	ERDS2TJ123	1/4W 12K	R372	ERDS2TJ823T	1/4W 82K	R632	ERDS2TJ822	1/4W 8.2K
R198	ERDS2TJ473	1/4W 47K	R373	ERDS2TJ222	1/4W 2.2K	R633, 634	ERDS2TJ223	1/4W 22K
R199	ERDS2TJ102	1/4W 1K	R374	ERDS2TJ393	1/4W 39K	R635	ERDS2TJ224T	1/4W 220K
R201, 202	ERDS2TJ222	1/4W 2.2K	R375	ERDS2TJ153	1/4W 15K	R636	ERDS2TJ104	1/4W 100K
R203, 204	ERDS2TJ104	1/4W 100K	R398	ERDS2TJ332	1/4W 3.3K	R637	ERDS2TJ102	1/4W 1K
R205, 206	ERDS2TJ474	1/4W 470K	R399	ERDS2TJ154	1/4W 150K	R639	ERDS2TJ101	1/4W 100
R207, 208	ERDS2TJ563	1/4W 56K	R501, 502	ERDS2TJ222	1/4W 2.2K	R660-665	ERDS2TJ102	1/4W 1K
R209, 210	ERDS2TJ153	1/4W 15K	R503-506	ERDS2TJ563	1/4W 56K	R697	ERDS2TJ102	1/4W 1K
R211, 212	ERDS2TJ222	1/4W 2.2K	R507, 508	ERDS2TJ562	1/4W 5.6K	R698	ERDS2TJ332	1/4W 3.3K
R213, 214	ERDS2TJ224T	1/4W 220K	R509, 510	ERDS2TJ182	1/4W 1.8K	R699	ERDS2TJ102	1/4W 1K
R215, 216	ERDS2TJ123	1/4W 12K	R511	ERDS2TJ334	1/4W 330K	R701, 702	ERD2FCVJ4R7T	1/4W 4.7 △
R217, 218	ERDS2TJ102	1/4W 1K	R512	ERDS2TJ154	1/4W 150K △	R703, 704	ERDS2TJ103	1/4W 10K
R219, 220	ERDS2TJ331	1/4W 330	R513	ERDS2TJ684	1/4W 680K △	R705, 706	ERDS1FVJ391T	1/2W 390 △
R221, 222	ERDS2TJ105T	1/4W 1M	R514	ERD25FVJ470	1/4W 47 △	R707	ERDS2TJ680T	1/4W 68
R223, 224	ERDS2TJ222	1/4W 2.2K	R515, 516	ERDS1FVJ100T	1/2W 10 △	R708	ERDS2TJ562	1/4W 5.6K
R233, 234	ERDS2TJ1R0	1/4W 1	R517, 518	ERD25FVJ100T	1/4W 10 △	R709, 710	ERDS1FVJ391T	1/2W 390 △
R235, 236	ERDS2TJ122	1/4W 1.2K	R519, 520	ERDS2TJ563	1/4W 56K	R711, 712	ERDS1FVJ331T	1/2W 330
R237, 238	ERDS2TJ473	1/4W 47K	R521, 522	ERDS2TJ101	1/4W 100	R713	ERD2FCVJ4R7T	1/4W 4.7 △
R239, 240	ERDS2TJ123	1/4W 12K	R523, 524	ERF2EXKR10V	2W 0.1	R714	ERDS1FVJ221T	1/2W 220 △
R251-254	ERDS2TJ102	1/4W 1K	R525, 526	ERDS2TJ563	1/4W 56K	R715	ERDS2TJ153	1/4W 15K
R255	ERDS2TJ334	1/4W 330K	R527, 528	ERDS2TJ104	1/4W 100K	R716	ERDS2TJ472	1/4W 4.7K
R256	ERDS2TJ105T	1/4W 1M	R529, 530	ERDS2TJ102	1/4W 1K	R717	ERDS2TJ103	1/4W 10K
R257	ERDS2TJ334	1/4W 330K	R531-534	ERDS2TJ224T	1/4W 220K	R718	ERDS2TJ221	1/4W 220
R258	ERDS2TJ105T	1/4W 1M	R535, 536	ERDS2TJ752T	1/4W 7.5K	R723	ERD25FVJ4R7T	1/4W 4.7 △
R259	ERDS2TJ152	1/4W 1.5K	R537, 538	ERDS2TJ393	1/4W 39K	R799	ERDS2TJ103	1/4W 10K
R260	ERDS2TJ392T	1/4W 3.9K	R539, 540	ERDS2TJ103	1/4W 10K	R801	ERDS2TJ392T	1/4W 3.9K
R281	ERDS2TJ102	1/4W 1K	R543	ERDS2TJ103	1/4W 10K	R803, 804	ERDS2TJ103	1/4W 10K
R282	ERDS2TJ561	1/4W 560	R571	ERDS2TJ823T	1/4W 82K	R805	ERDS2TJ562	1/4W 5.6K
R291, 292	ERDS2TJ104	1/4W 100K	R572	ERDS2TJ124T	1/4W 120K	R807	ERDS2TJ103	1/4W 10K
R293, 294	ERDS2TJ103	1/4W 10K	R573	ERDS2TJ563	1/4W 56K	R808	ERDS2TJ392T	1/4W 3.9K
R301, 302	ERDS2TJ562	1/4W 5.6K	R581, 582	ERDS2TJ224T	1/4W 220K	R809, 810	ERDS2TJ272T	1/4W 2.7K
R303-306	ERDS2TJ563	1/4W 56K	R583, 584	ERDS2TJ223	1/4W 22K	R811	ERDS2TJ100	1/4W 10
R307, 308	ERDS2TJ562	1/4W 5.6K	R585, 586	ERDS2TJ103	1/4W 10K	R812	ERDS2TJ332	1/4W 3.3K
R309-312	ERDS2EJ121	1/4W 120	R601	ERDS2TJ223	1/4W 22K	R813	ERDS2TJ103	1/4W 10K
R313, 314	ERDS2TJ102	1/4W 1K	R602-604	ERDS2TJ393	1/4W 39K	R904	ERDS2TJ102	1/4W 1K
R315	ERDS2TJ334	1/4W 330K	R605	ERDS2TJ223	1/4W 22K			CAPACITORS
R316	ERDS2TJ105T	1/4W 1M	R606-608	ERDS2TJ393	1/4W 39K			
R351	ERDS2TJ563	1/4W 56K	R609-612	ERDS2TJ100	1/4W 10	C101, 102	ECBT1E223ZF	25V 0.022U
R352	ERDS2TJ184T	1/4W 180K	R613, 614	ERDS2TJ151	1/4W 150	C103-106	ECBT1H102KB5	50V 1000P
R353	ERDS2TJ334	1/4W 330K	R615	ERDS2TJ2R2T	1/4W 2.2	C151	ECEA1CKA100B	16V 10U
R354	ERDS2TJ102	1/4W 1K	R616-619	ERDS2TJ104	1/4W 100K	C152	ECBT1H181KB5	50V 180P
			R620	ERDS2TJ221	1/4W 220	C153	ECEA1HKA3R3B	50V 3.3U
			R621	ERDS2TJ104	1/4W 100K	C154	ECEA1CKA100B	16V 10U
			R622, 623	ERDS2TJ223	1/4W 22K			

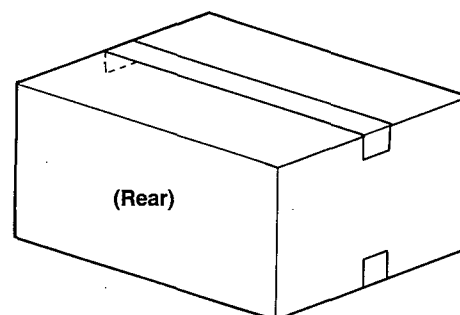
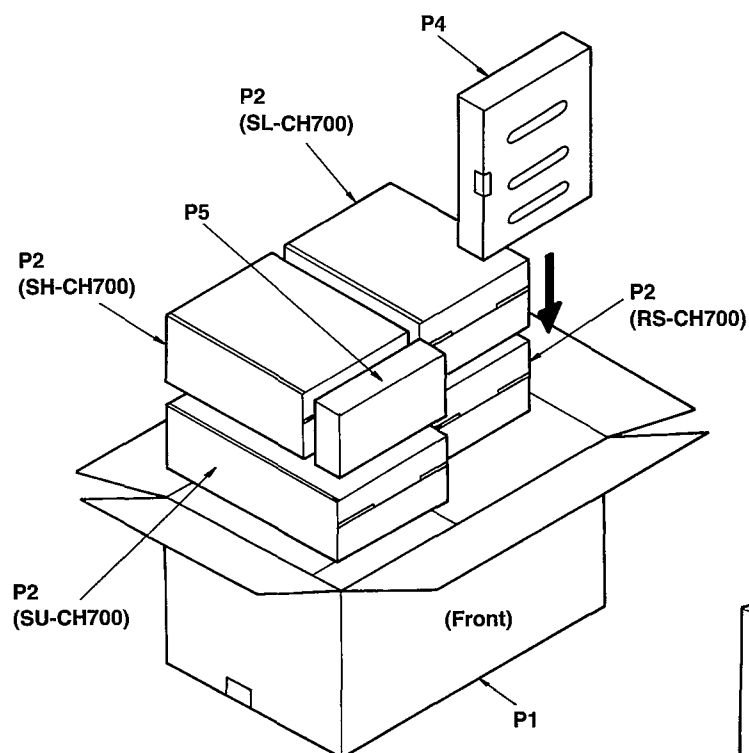
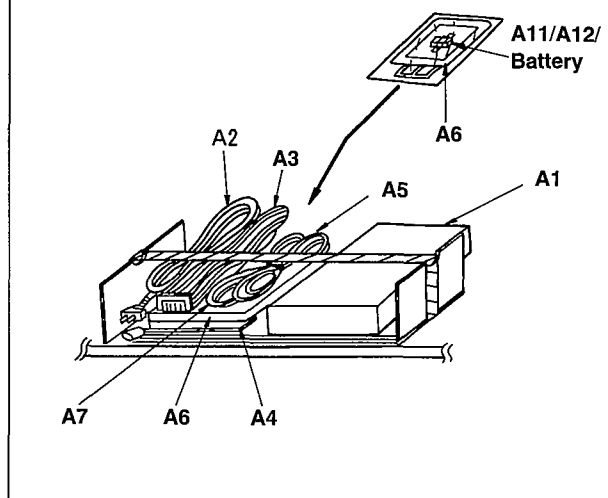
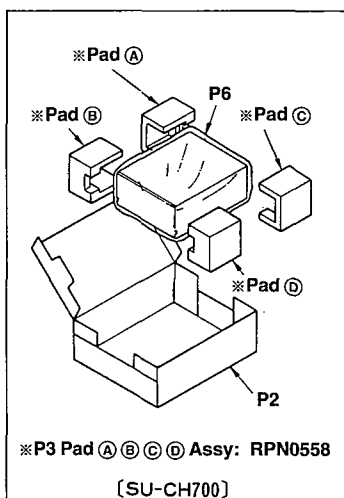
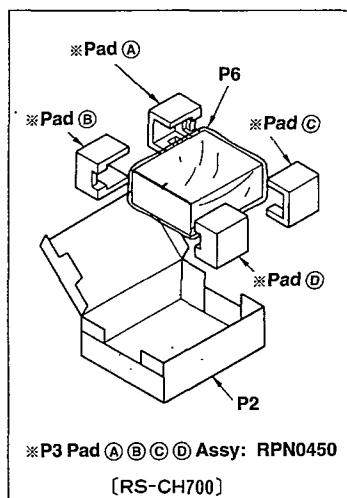
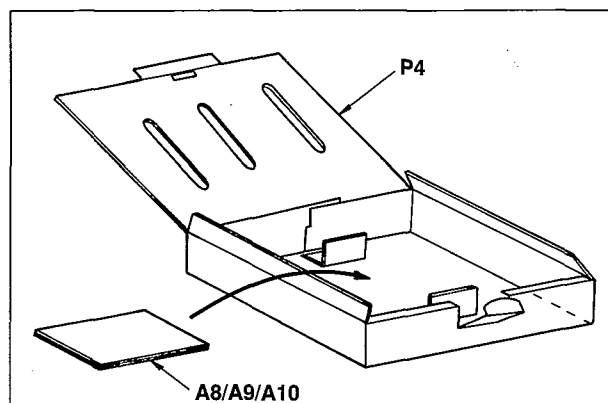
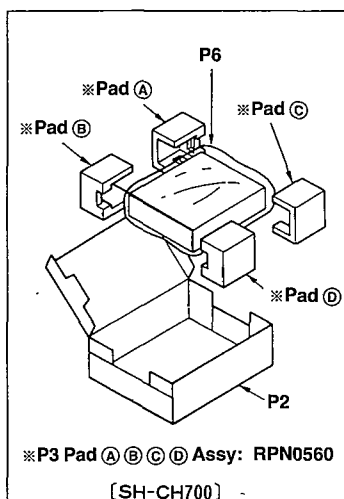
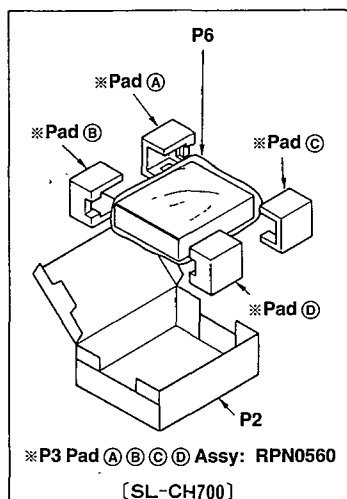
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C155	ECBT1H221KB5	50V 220P	C611	ECBT1H102KB5	50V 1000P
C156	ECEA1HKA3R3B	50V 3.3U	C697	ECBT1E103ZF	25V 0.01U
C157	ECBT1H221KB5	50V 220P	C699	ECBT1E103ZF	25V 0.01U
C159	ECBT1H102KB5	50V 1000P	C701, 702	ECEA1HJ3320B	50V 3300U
C181, 182	ECBT1E103ZF	25V 0.01U	C703, 704	ECEA1CKA330B	16V 33U
C198, 199	ECBT1H221KB5	50V 220P	C705	ECBT1E223ZF	25V 0.022U
C201, 202	ECBT1H101KB5	50V 100P	C706	ECKR1H103ZF5	50V 0.01U
C203, 204	ECEA1HKA3R3B	50V 0.33U	C707	ECA1HM221B	50V 220U
C205, 206	ECEA1HKA3R3B	50V 3.3U	C708	ECEA1CKA100B	16V 10U
C207, 208	ECBT1H820KB5	50V 82P	C709	ECBT1E103ZF	25V 0.01U
C209, 210	ECEA1HKA3R3B	50V 0.33U	C710	ECA1HAP330B	50V 33U
C211, 212	ECBT1H101KB5	50V 100P	C711	ECQE1104KF3	100V 0.1U △
C213, 214	ECEA1HKA3R3B	50V 3.3U	C712	ECBT1E223ZF	25V 0.022U
C215-218	ECBT1H101KB5	50V 100P	C725	ECBT1E223ZF	25V 0.022U
C219, 220	ECEA1CKA100B	16V 10U	C801, 802	ECBT1H470J5	50V 47P
C223, 224	ECEA1HKA15B	50V 0.15U	C803	ECBT1E103ZF	25V 0.01U
C231-234	ECQV1H34JZ3	50V 0.33U	C904	ECBT1H102KB5	50V 1000P
C251	ECEA1CKA330B	16V 33U	C905, 906	ECBT1H101KB5	50V 100P
C252	ECEA1CKA100B	16V 10U	C907, 908	ECBT1E223ZF	25V 0.022U
C281-287	ECBT1E103ZF	25V 0.01U	C909	ECBT1H331KB5	50V 330P
C301, 302	ECEA1HKA3R3B	50V 3.3U	C911	ECKR1H102ZF5	50V 1000P
C303, 304	ECBT1H101KB5	50V 100P			
C305, 306	ECBT1H330J5	50V 33P			
C307, 308	ECEA1HKA3R3B	50V 3.3U			
C309	ECEA1HKA100B	50V 1U			
C351	ECEA1CKA100B	16V 10U			
C353	ECEA1HKA3R3B	50V 3.3U			
C371	ECEA0JKA221B	6.3V 220U			
C381, 382	ECBT1E103ZF	25V 0.01U			
C501, 502	ECA1HAP3R3B	50V 3.3U			
C503, 504	ECBT1H331KB5	50V 330P			
C505, 506	ECBT1H100J5	50V 10P			
C507, 508	ECBT1H561KB5	50V 560P			
C509, 510	ECA1HAP3R3B	50V 3.3U			
C511, 512	ECBT1H821KB5	50V 820P			
C513	ECA1HAP330B	50V 33U			
C514	ECA2AAP100B	100V 10U			
C515, 516	ECBT1E223ZF	25V 0.022U			
C521-526	ECBT0J223MS5	6.3V 0.022U			
C527, 528	ECEA1HKA3R3B	50V 3.3U			
C529, 530	ECBT1C103MS5	16V 0.01U			
C531, 532	ECBT1E103ZF	25V 0.01U			
C571	ECEA1CKA101B	16V 100U			
C599	ECBT1C103MS5	16V 0.01U			
C601	ECEA0JU102	6.3V 1000U			
C602	ECBT1E103ZF	25V 0.01U			
C603	ECEA1CKA100B	16V 10U			
C604	ECEA1HKA3R3B	50V 3.3U			
C605	ECEA1VKA100B	35V 10U			
C606	ECEA1EKA4R7B	25V 4.7U			
C607, 608	ECBT1H200JC5	50V 20P			
C609, 610	ECBT1E103ZF	25V 0.01U			

■ CABINET PARTS LOCATION



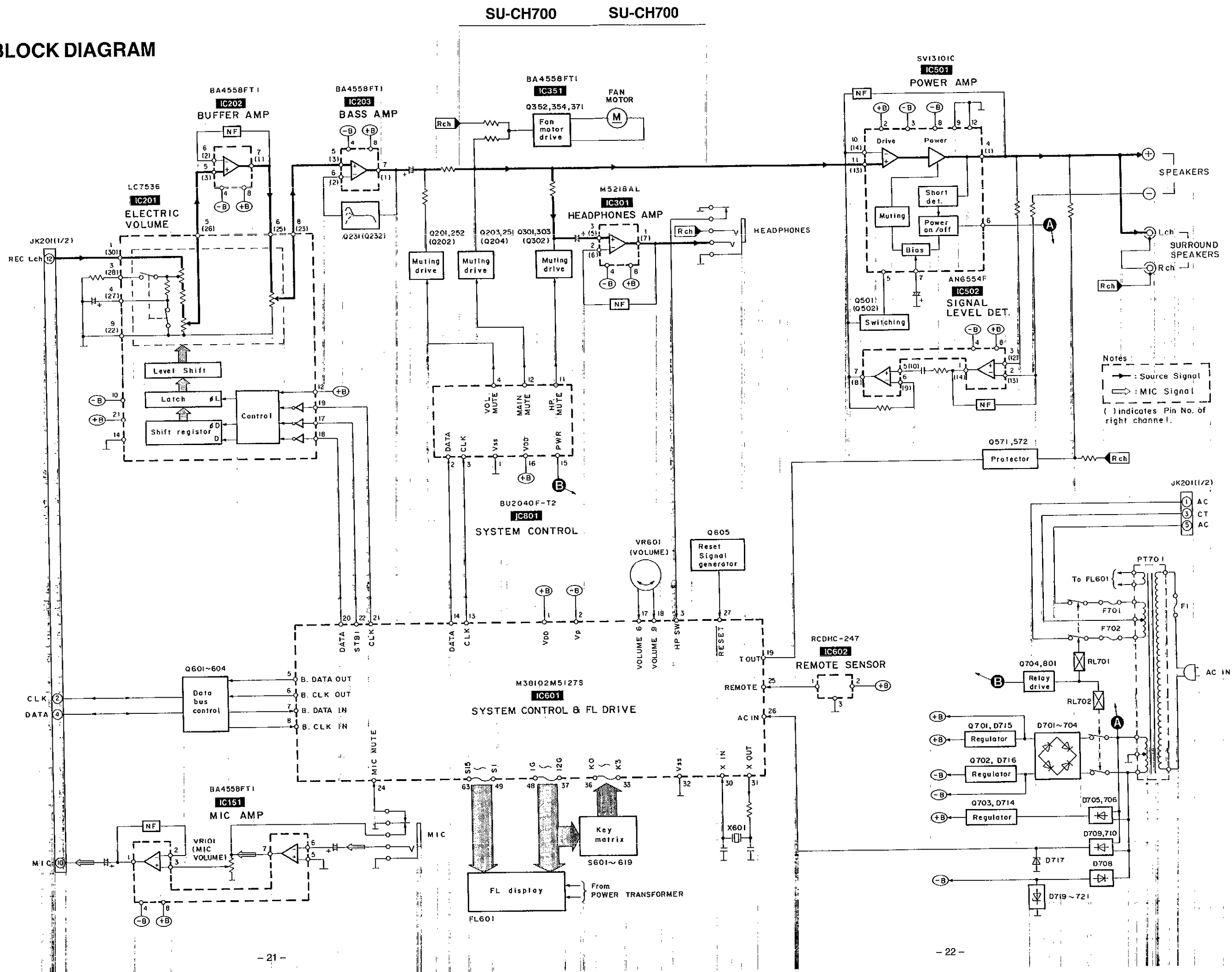
Ref. No.	Part No.	Part Name & Description	Remarks	Ref. No.	Part No.	Part Name & Description	Remarks
		CABINET PARTS		P2	RPG1070	PACKING CASE (DECK)	
				P2	RPG1071	PACKING CASE (CD/PROCESSOR)	
1	RHD30007	SCREW		P3	RPN0558	PAD (AMPLIFIER)	
2	RKN0105C-K	CABINET		P3	RPN0450	PAD (DECK)	
3	RKN0153	HOLDER		P3	RPN0560	PAD (CD/PROCESSOR)	
4	SYE1128-2	FAN ASS'Y		P4	RPOF0029	ACCESSORY BOX	
4-1	SHE232	FAN		P5	RPO0194	SPACER	
4-2	SUS271	SPRING		P6	XZB45X50A01Z	PROTECTION COVER	
4-3	SHE233	CASE				ACCESSORIES	
4-4	MDN-4RB4MRC	MOTOR					
4-5	SHE234	CASE COVER		A1	RAK-SC514W	REMOTE CONTROLLER	
4-6	SJSS215	SOCKET (2P)		A1-1	RK0020-K	BATTERY COVER	
4-7	SJT783	TERMINAL		A2	RJA0019-1K	POWER CORD, AC	△ (E, EG)
5	RGN0105-K	KNOB, MIC		A2	SJA173	POWER CORD, AC	△ (GN)
6	RGN0136-K	KNOB, MAIN VOLUME		A2	SJA193	POWER CORD, AC	△ (EB)
7	RFKJUCH900GC	BOTTOM BOARD ASS'Y	(GC)	A2	RJA0004	POWER CORD, AC	△ (GC)
7	RFKJUCH700NK	BOTTOM BOARD ASS'Y	(E, EB, EG, GN)	A3	REX0402	FLAT CABLE	
7-1	RKA0043	FOOT		A4	SJP2281	OPTICAL CABLE	
8	RKN0154	HOLDER		A5	SNXS257M	SPEAKE CORD	
9	RKN0155	HOLDER		A6	SPB1163T	AM LOOP ANTENNA	
10	RKN0158	HOLDER		A6-1	SMA233-1M	ANTENNA HOLDER	
11	RFKJUCH700GC	BACK GRILL ASS'Y	(GC)	A6-2	XTN3-10AFZ	SCREW	
11	RFKJUCH700EK	BACK GRILL ASS'Y	(E, EG)	A7	RSAD007	FM ANTENNA	(E, EB, EG)
11	RFKJUCH700EB	BACK GRILL ASS'Y	(EB, GN)	A7	RSAD006	FM ANTENNA	(GC, GN)
12	RWJ1808110QQ	FLAT CABLE (8P), J703		A8	RQA0013	WARRANTY CARD	(E, EB, EG)
14	RFKJUCH700EK	FRONT PANEL ASS'Y		A8	RQX74332A	WARRANTY CARD	(GN)
14-1	RKN0186-G	FL PANEL		A9	RQCB0169	SERVICENTOR LIST	
15	RGU0680A-K	BUTTON, SELECTOR		A10	RFKJUCH700EK	INST. MANUAL	(E)
16	RGU0681A-K	BUTTON, DIGITAL		A10	RQT1359-B	INST. MANUAL	(EB, GN)
17	RGU0682-K	BUTTON, POWER		A10	RQT1360-D	INST. MANUAL	(EG)
18	RGU0683-K	BUTTON, BALANCE		A10	RQT1367-G	INST. MANUAL	(GC)
19	RGU0685-K	BUTTON, TIMER		A11	SJP9009	ATTACHMENT PLUG	(EB)
20	RGU0686-K	BUTTON, LOUDNESS		A12	SJP9215	AC PLUG ADAPTOR	△ (GC)
21	SHE185-2	P. C. B SPACER					
22	SNE4021-1	MUT					
23	SUS894-1	SPRING					
24	XTB326-8J	SCREW					
25	XTB33-8JFZ1	SCREW					
27	XTB3-16JFZ	SCREW					
28	XTB3-8JFZ	SCREW					
29	XTWS3-8T	SCREW					
30	RKN0169	ANGLE					
		PACKING MATERIALS					
P1	RPG1119	PACKING CASE (SYSTEM)	(E)				
P1	RPG1146	PACKING CASE (SYSTEM)	(GN)				
P1	RPG1123	PACKING CASE (SYSTEM)	(EB)				
P1	RPG1124	PACKING CASE (SYSTEM)	(EG)				
P1	RPG1147	PACKING CASE (SYSTEM)	(GC)				
P2	RPG1069	PACKING (AMPLIFIER)					

PACKAGING



1654

■ BLOCK DIAGRAM



■ FUNCTION OF IC TERMINALS

● IC601 (M38102M5127S)

Pin No.	Terminal Name	I/O	Function
1	V _{DD}	I	Power supply (+5)
2	-VP	I	Pull down voltage input
3	HPSW	I	Headphone output control signal input
4	AN IN	I	Back-up power input
5	B. DATA OUT	O	Data base signal output
6	B. CLK OUT	O	
7	B. DATA IN	I	Data base signal input
8	B. CLK IN	I	
9	REAR VR b	I	Level encoder volume control signal input (Connect to V _{DD} , Not used)
10	REAR VR a	I	
11	S. BASS	O	Not used
12	PLSTART	I/O	Phone mode select signal input/output
13	CLK	O	Clock signal output for IC801 (BU2040F-T2)
14	DATA	O	Data signal output for IC801 (BU2040F-T2)
15	CENTER VR b	I	Level encoder volume control signal input (Connect to V _{DD} , Not used)
16	CENTER VR a	I	
17	MAIN VR b	I	Level encoder volume control signal input
18	MAIN VR a	I	
19	T OUT	I/O	Clock signal monitor input/output (131.072 kHz)
20	VOL DATA	O	PMW control signal output for electronic volume (IC201 LC7536)
21	VOL CLK	O	PMW clock signal output for electronic volume (IC201 LC7536)
22	VOL STB1	O	PMW strobe signal output for electronic volume (IC201 LC7536)
23	VOL STB2	O	
24	MIC MUTE	I	Mic muting signal input
25	REMOTE	I	Remote control receiving signal input

Pin No.	Terminal Name	I/O	Function
26	AC IN	I	50/60 Hz × 2 AC voltage signal input
27	RESET	I	Reset signal input
28	XC IN	I	Not used (open)
29	XC OUT	O	
30	X IN	I	Ceramic Oscillator connection (4.194304 MHz)
31	X OUT	O	
32	V _{SS}	I	GND
33~36	K3~K0	I	Key control signal input
37~41	12G~8G	O	FL digit signal output
42~46	7G~3G	O	Key control signal and FL digit signal output
47, 48	2G, 1G	O	FL digit signal output
49~63	S1~S15	O	FL segment signal output
64	NC	—	Not used (open)

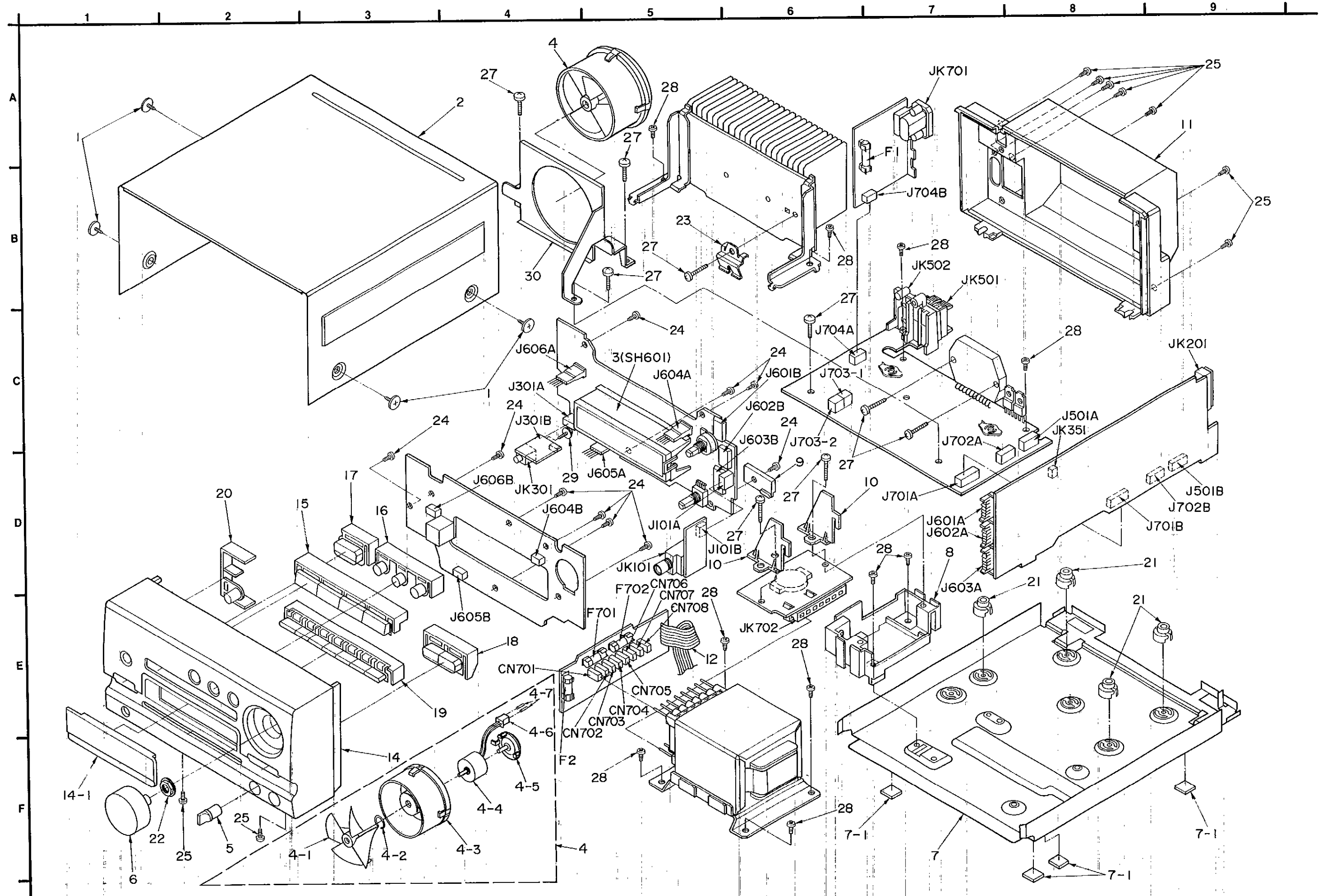
Ref. No.	Part No.	Part Name & Description	Remarks	Ref. No.	Part No.	Part Name & Description	Remarks
		SWITCH(ES)				EARTH TERMINAL(S)	
S801	EVQ21405R	S. W. CLOCK SET		E501	SNE1004-1	GND PLATE	
S802	EVQ21405R	S. W. SELECT DOWN		E701	SNE1004-1	GND PLATE	
S803	EVQ21405R	S. W. SELECT UP				FUSE HOLDER(S)	
S804	EVQ21405R	S. W. TIMER SET					
S805	EVQ21405R	S. W. CANCEL		FC1-6	EYF52BC	FUSE HOLDER	△
S806	EVQ21405R	S. W. STANDBY		FC7, 8	EYF52BC	FUSE HOLDER	△ (GC)
S807	EVQ21405R	S. W. RECALL				RELAY (S)	
S808	EVQ21405R	S. W. BALANCE (L)					
S809	EVQ21405R	S. W. BALANCE (R)					
S810	EVQ21405R	S. W. BS		RL701, 702	SSY134	RELAY	△
S811	EVQ21405R	S. W. TUNER				JACK(S)	
S812	EVQ21405R	S. W. CD					
S813	EVQ21405R	S. W. DAT					
S814	EVQ21405R	S. W. TAPE		JK101	RJ65MA02	MIC JACK	
S815	EVQ21405R	S. W. VDP		JK201	RJT055K015-1	CONNECTOR (15P)	
S816	EVQ21405R	S. W. VCR		JK301	RJJD7S2YA-C	HEADPHONE JACK	
S818	EVQ21405R	S. W. LOUDNESS		JK351	SJT3213	FAN MOTOR CONNECTOR	
S819	EVQ21405R	S. W. POWER		JK501	RJR0054	SPEAKER TERMINAL	
S701	ESE37263	SW. VOLTAGE SELECTOR	△ (GC)	JK502	SJF3068-6N	SURROUND SP. TERMINAL	△ (E, EB, EG, GC)
		CONNECTOR		JK701	SJS9236	AC INLET	△ (E, EB, EG, GC)
				JK701	SJSD16	AC INLET	△ (GN)
				JK702	SJS702-1	CONNECTOR (3P)	(E, EB, EG, GN)
J703-1, 2	RJS1A6604	SOCKET (4P)					
J101A	RJT057W004-1	CONNECTOR (4P)					
J301A	RJT057W004-1	CONNECTOR (4P)					
J501A	RJT057W007-1	CONNECTOR (7P)					
J601A	RJU003K008M1	SOCKET (8P)					
J602A	RJU003K008M1	SOCKET (8P)					
J603A	RJU003K010M1	SOCKET (10P)					
J604A	SJT30549BB1	CONNECTOR (5P)					
J605A	SJT30549BB1	CONNECTOR (5P)					
J606A	SJT30549BB1	CONNECTOR (5P)					
J701A	RJT057W009-1	CONNECTOR (9P)					
J702A	RJT057W007-1	CONNECTOR (7P)					
J704A	RJT057W004-1	CONNECTOR (4P)					
J101B	RJU057W004	SOCKET (4P)					
J301B	RJU057W004	SOCKET (4P)					
J501B	RJU057W007	SOCKET (7P)					
J601B	RJT003K008M1	CONNECTOR (8P)					
J602B	RJT003K008M1	CONNECTOR (8P)					
J603B	RJT003K010M1	CONNECTOR (10P)					
J604B	SJS50581BB	SOCKET (5P)					
J605B	SJS50581BB	SOCKET (5P)					
J606B	SJS50581BB	SOCKET (5P)					
J701B	RJU057W009	SOCKET (9P)					
J702B	RJU057W007	SOCKET (7P)					
J704B	RJU057W004	SOCKET (4P)					
CN701-708	RJS1A1101T1	SOCKET (1P)					

Notes : * Capacity values are in microfarads (uF) unless specified otherwise, P=Pico-farads (pF) F=Farads (F)
* Resistance values are in ohms, unless specified otherwise, 1K=1,000 (OHM) . 1M=1,000k (OHM)

Ref. No.	Part No.	Values & Remarks	Ref. No.	Part No.	Values & Remarks	Ref. No.	Part No.	Values & Remarks
		RESISTORS						
R151	ERDS2TJ473	1/4W 47K	R355	ERDS2TJ564	1/4W 560K	R624	ERDS2TJ393	1/4W 39K
R152	ERDS2TJ332	1/4W 3.3K	R356	ERDS2TJ332	1/4W 3.3K	R625	ERDS2TJ564	1/4W 560K
R153	ERDS2TJ104	1/4W 100K	R357	ERDS1FVJ390T	1/2W 39	R626-629	ERDS2TJ223	1/4W 22K
R154	ERDS2TJ102	1/4W 1K	R358	ERDS2TJ220T	1/4W 22	R630	ERDS2TJ103	1/4W 10K
R155	ERDS2TJ474	1/4W 470K	R371	ERDS2TJ103	1/4W 10K	R631	ERDS2TJ332	1/4W 3.3K
R156	ERDS2TJ123	1/4W 12K	R372	ERDS2TJ823T	1/4W 82K	R632	ERDS2TJ822	1/4W 8.2K
R198	ERDS2TJ473	1/4W 47K	R373	ERDS2TJ222	1/4W 2.2K	R633, 634	ERDS2TJ223	1/4W 22K
R199	ERDS2TJ102	1/4W 1K	R374	ERDS2TJ393	1/4W 39K	R635	ERDS2TJ224T	1/4W 220K
R201, 202	ERDS2TJ222	1/4W 2.2K	R375	ERDS2TJ153	1/4W 15K	R636	ERDS2TJ104	1/4W 100K
R203, 204	ERDS2TJ104	1/4W 100K	R398	ERDS2TJ332	1/4W 3.3K	R637	ERDS2TJ102	1/4W 1K
R205, 206	ERDS2TJ474	1/4W 470K	R399	ERDS2TJ154	1/4W 150K	R639	ERDS2TJ101	1/4W 100
R207, 208	ERDS2TJ563	1/4W 56K	R501, 502	ERDS2TJ222	1/4W 2.2K	R660-665	ERDS2TJ102	1/4W 1K
R209, 210	ERDS2TJ153	1/4W 15K	R503-506	ERDS2TJ563	1/4W 56K	R697	ERDS2TJ102	1/4W 1K
R211, 212	ERDS2TJ222	1/4W 2.2K	R507, 508	ERDS2TJ562	1/4W 5.6K	R698	ERDS2TJ332	1/4W 3.3K
R213, 214	ERDS2TJ224T	1/4W 220K	R509, 510	ERDS2TJ182	1/4W 1.8K	R699	ERDS2TJ102	1/4W 1K
R215, 216	ERDS2TJ123	1/4W 12K	R511	ERDS2TJ334	1/4W 330K	R701, 702	ERD2FCVJ4R7T	1/4W 4.7 △
R217, 218	ERDS2TJ102	1/4W 1K	R512	ERDS2TJ154	1/4W 150K △	R703, 704	ERDS2TJ103	1/4W 10K
R219, 220	ERDS2TJ331	1/4W 330	R513	ERDS2TJ684	1/4W 680K △	R705, 706	ERDS1FVJ391T	1/2W 390 △
R221, 222	ERDS2TJ105T	1/4W 1M	R514	ERD25FVJ470	1/4W 47 △	R707	ERDS2TJ680T	1/4W 68
R223, 224	ERDS2TJ222	1/4W 2.2K	R515, 516	ERDS1FVJ100T	1/2W 10 △	R708	ERDS2TJ562	1/4W 5.6K
R233, 234	ERDS2TJ1R0	1/4W 1	R517, 518	ERD25FVJ100T	1/4W 10 △	R709, 710	ERDS1FVJ391T	1/2W 390 △
R235, 236	ERDS2TJ122	1/4W 1.2K	R519, 520	ERDS2TJ563	1/4W 56K	R711, 712	ERDS1FVJ331T	1/2W 330
R237, 238	ERDS2TJ473	1/4W 47K	R521, 522	ERDS2TJ101	1/4W 100	R713	ERD2FCVJ4R7T	1/4W 4.7 △
R239, 240	ERDS2TJ123	1/4W 12K	R523, 524	ERF2EXKR10V	2W 0.1	R714	ERDS1FVJ221T	1/2W 220 △
R251-254	ERDS2TJ102	1/4W 1K	R525, 526	ERDS2TJ563	1/4W 56K	R715	ERDS2TJ153	1/4W 15K
R255	ERDS2TJ334	1/4W 330K	R527, 528	ERDS2TJ104	1/4W 100K	R716	ERDS2TJ472	1/4W 4.7K
R256	ERDS2TJ105T	1/4W 1M	R529, 530	ERDS2TJ102	1/4W 1K	R717	ERDS2TJ103	1/4W 10K
R257	ERDS2TJ334	1/4W 330K	R531-534	ERDS2TJ224T	1/4W 220K	R718	ERDS2TJ221	1/4W 220
R258	ERDS2TJ105T	1/4W 1M	R535, 536	ERDS2TJ752T	1/4W 7.5K	R723	ERD25FVJ4R7T	1/4W 4.7 △
R259	ERDS2TJ152	1/4W 1.5K	R537, 538	ERDS2TJ393	1/4W 39K	R799	ERDS2TJ103	1/4W 10K
R260	ERDS2TJ392T	1/4W 3.9K	R539, 540	ERDS2TJ103	1/4W 10K	R801	ERDS2TJ392T	1/4W 3.9K
R281	ERDS2TJ102	1/4W 1K	R543	ERDS2TJ103	1/4W 10K	R803, 804	ERDS2TJ103	1/4W 10K
R282	ERDS2TJ561	1/4W 560	R571	ERDS2TJ823T	1/4W 82K	R805	ERDS2TJ562	1/4W 5.6K
R291, 292	ERDS2TJ104	1/4W 100K	R572	ERDS2TJ124T	1/4W 120K	R807	ERDS2TJ103	1/4W 10K
R293, 294	ERDS2TJ103	1/4W 10K	R573	ERDS2TJ563	1/4W 56K	R808	ERDS2TJ392T	1/4W 3.9K
R301, 302	ERDS2TJ562	1/4W 5.6K	R581, 582	ERDS2TJ224T	1/4W 220K	R809, 810	ERDS2TJ272T	1/4W 2.7K
R303-306	ERDS2TJ563	1/4W 56K	R583, 584	ERDS2TJ223	1/4W 22K	R811	ERDS2TJ100	1/4W 10
R307, 308	ERDS2TJ562	1/4W 5.6K	R585, 586	ERDS2TJ103	1/4W 10K	R812	ERDS2TJ332	1/4W 3.3K
R309-312	ERDS2EJ121	1/4W 120	R601	ERDS2TJ223	1/4W 22K	R813	ERDS2TJ103	1/4W 10K
R313, 314	ERDS2TJ102	1/4W 1K	R602-604	ERDS2TJ393	1/4W 39K	R904	ERDS2TJ102	1/4W 1K
R315	ERDS2TJ334	1/4W 330K	R605	ERDS2TJ223	1/4W 22K			CAPACITORS
R316	ERDS2TJ105T	1/4W 1M	R606-608	ERDS2TJ393	1/4W 39K			
R351	ERDS2TJ563	1/4W 56K	R609-612	ERDS2TJ100	1/4W 10	C101, 102	ECBT1E223ZF	25V 0.022U
R352	ERDS2TJ184T	1/4W 180K	R613, 614	ERDS2TJ151	1/4W 150	C103-106	ECBT1H102KB5	50V 1000P
R353	ERDS2TJ334	1/4W 330K	R615	ERDS2TJ2R2T	1/4W 2.2	C151	ECEA1CKA100B	16V 10U
R354	ERDS2TJ102	1/4W 1K	R616-619	ERDS2TJ104	1/4W 100K	C152	ECBT1H181KB5	50V 180P
			R620	ERDS2TJ221	1/4W 220	C153	ECEA1HKA3R3B	50V 3.3U
			R621	ERDS2TJ104	1/4W 100K	C154	ECEA1CKA100B	16V 10U
			R622, 623	ERDS2TJ223	1/4W 22K			

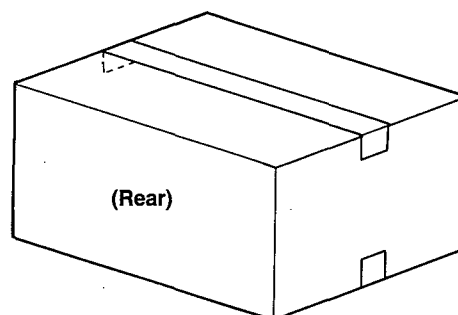
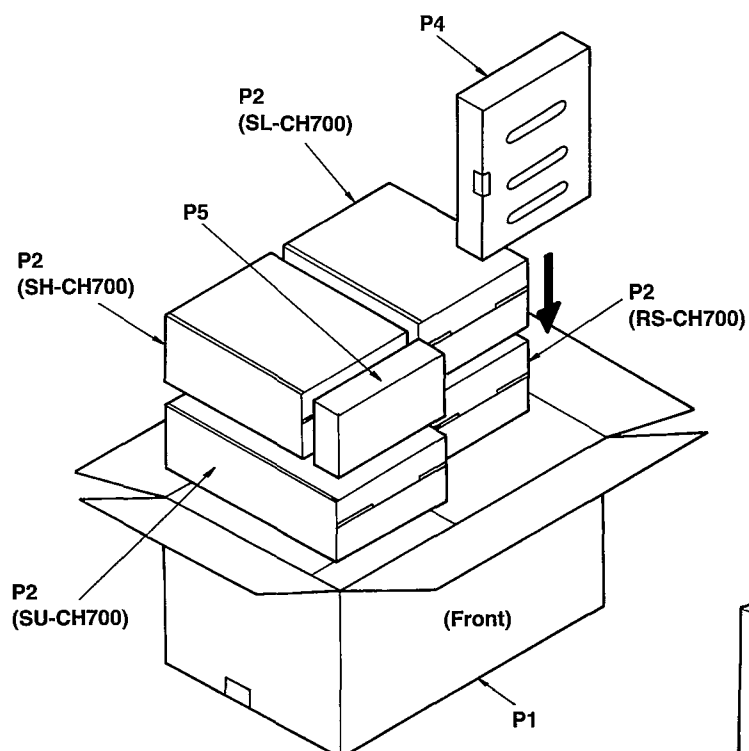
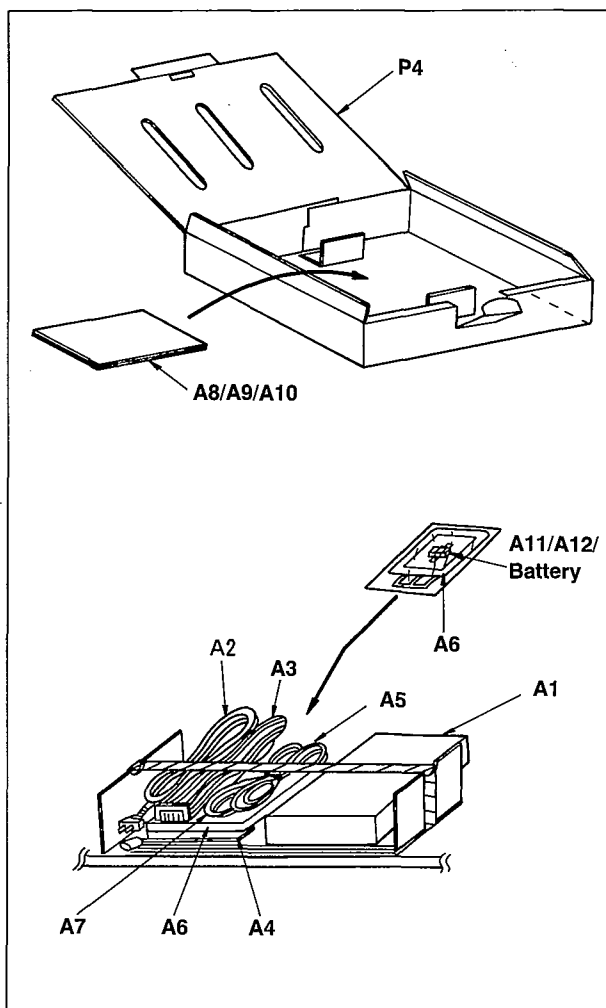
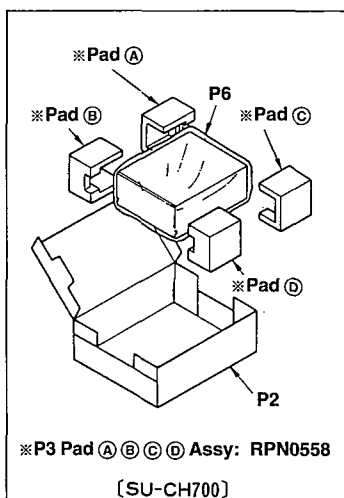
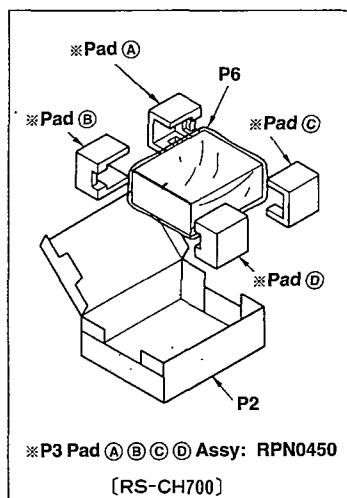
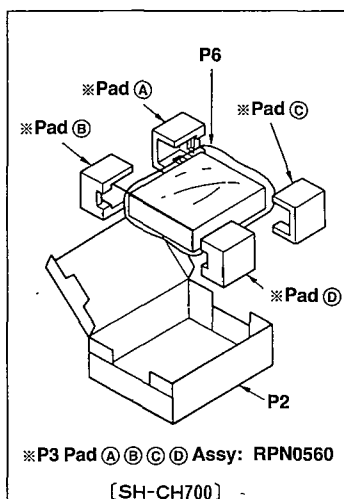
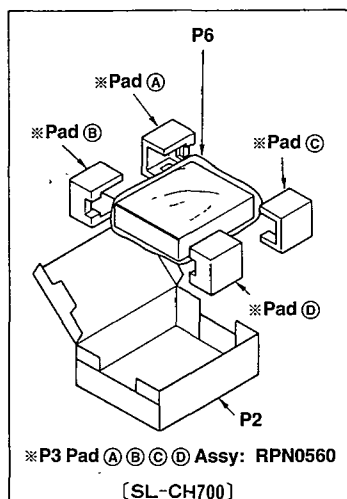
Ref. No.	Part No.	Values & Remarks	Ref. No.	Part No.	Values & Remarks
C155	ECBT1H221KB5	50V 220P	C611	ECBT1H102KB5	50V 1000P
C156	ECEA1HKA3R3B	50V 3.3U	C697	ECBT1E103ZF	25V 0.01U
C157	ECBT1H221KB5	50V 220P	C699	ECBT1E103ZF	25V 0.01U
C159	ECBT1H102KB5	50V 1000P	C701, 702	ECEA1HJ3320B	50V 3300U
C181, 182	ECBT1E103ZF	25V 0.01U	C703, 704	ECEA1CKA330B	16V 33U
C198, 199	ECBT1H221KB5	50V 220P	C705	ECBT1E223ZF	25V 0.022U
C201, 202	ECBT1H101KB5	50V 100P	C706	ECR1H103ZF5	50V 0.01U
C203, 204	ECEA1HKA3R3B	50V 0.33U	C707	ECA1HM221B	50V 220U
C205, 206	ECEA1HKA3R3B	50V 3.3U	C708	ECEA1CKA100B	16V 10U
C207, 208	ECBT1H820KB5	50V 82P	C709	ECBT1E103ZF	25V 0.01U
C209, 210	ECEA1HKA3R3B	50V 0.33U	C710	ECA1HAP330B	50V 33U
C211, 212	ECBT1H101KB5	50V 100P	C711	ECQE104KF3	100V 0.1U △
C213, 214	ECEA1HKA3R3B	50V 3.3U	C712	ECBT1E223ZF	25V 0.022U
C215-218	ECBT1H101KB5	50V 100P	C725	ECBT1E223ZF	25V 0.022U
C219, 220	ECEA1CKA100B	16V 10U	C801, 802	ECBT1H470J5	50V 47P
C223, 224	ECEA1HKA15B	50V 0.15U	C803	ECBT1E103ZF	25V 0.01U
C231-234	ECQV1H34JZ3	50V 0.33U	C904	ECBT1H102KB5	50V 1000P
C251	ECEA1CKA330B	16V 33U	C905, 906	ECBT1H101KB5	50V 100P
C252	ECEA1CKA100B	16V 10U	C907, 908	ECBT1E223ZF	25V 0.022U
C281-287	ECBT1E103ZF	25V 0.01U	C909	ECBT1H331KB5	50V 330P
C301, 302	ECEA1HKA3R3B	50V 3.3U	C911	ECR1H102ZF5	50V 1000P
C303, 304	ECBT1H101KB5	50V 100P			
C305, 306	ECBT1H330J5	50V 33P			
C307, 308	ECEA1HKA3R3B	50V 3.3U			
C309	ECEA1HKA100B	50V 1U			
C351	ECEA1CKA100B	16V 10U			
C353	ECEA1HKA3R3B	50V 3.3U			
C371	ECEA0JKA221B	6.3V 220U			
C381, 382	ECBT1E103ZF	25V 0.01U			
C501, 502	ECA1HAP3R3B	50V 3.3U			
C503, 504	ECBT1H331KB5	50V 330P			
C505, 506	ECBT1H100J5	50V 10P			
C507, 508	ECBT1H561KB5	50V 560P			
C509, 510	ECA1HAP3R3B	50V 3.3U			
C511, 512	ECBT1H821KB5	50V 820P			
C513	ECA1HAP330B	50V 33U			
C514	ECA2AAP100B	100V 10U			
C515, 516	ECBT1E223ZF	25V 0.022U			
C521-526	ECBT0J223MS5	6.3V 0.022U			
C527, 528	ECEA1HKA3R3B	50V 3.3U			
C529, 530	ECBT1C103MS5	16V 0.01U			
C531, 532	ECBT1E103ZF	25V 0.01U			
C571	ECEA1CKA101B	16V 100U			
C599	ECBT1C103MS5	16V 0.01U			
C601	ECEA0JU102	6.3V 1000U			
C602	ECBT1E103ZF	25V 0.01U			
C603	ECEA1CKA100B	16V 10U			
C604	ECEA1HKA3R3B	50V 3.3U			
C605	ECEA1VKA100B	35V 10U			
C606	ECEA1EKA4R7B	25V 4.7U			
C607, 608	ECBT1H200JC5	50V 20P			
C609, 610	ECBT1E103ZF	25V 0.01U			

CABINET PARTS LOCATION



Ref. No.	Part No.	Part Name & Description	Remarks	Ref. No.	Part No.	Part Name & Description	Remarks
		CABINET PARTS		P2	RPG1070	PACKING CASE (DECK)	
				P2	RPG1071	PACKING CASE (CD/PROCESSOR)	
1	RHD30007	SCREW		P3	RPN0558	PAD (AMPLIFIER)	
2	RKN0105C-K	CABINET		P3	RPN0450	PAD (DECK)	
3	RKN0153	HOLDER		P3	RPN0560	PAD (CD/PROCESSOR)	
4	SYE1128-2	FAN ASS'Y		P4	RPOF0029	ACCESSORY BOX	
4-1	SHE232	FAN		P5	RPO0194	SPACER	
4-2	SUS271	SPRING		P6	XZB45X50A01Z	PROTECTION COVER	
4-3	SHE233	CASE				ACCESSORIES	
4-4	MDN-4RB4MRC	MOTOR					
4-5	SHE234	CASE COVER		A1	RAK-SC514W	REMOTE CONTROLLER	
4-6	SJSS215	SOCKET (2P)		A1-1	RK0020-K	BATTERY COVER	
4-7	SJT783	TERMINAL		A2	RJA0019-1K	POWER CORD, AC	△ (E, EG)
5	RGN0105-K	KNOB, MIC		A2	SJA173	POWER CORD, AC	△ (GN)
6	RGN0136-K	KNOB, MAIN VOLUME		A2	SJA193	POWER CORD, AC	△ (EB)
7	RFKUCH900GC	BOTTOM BOARD ASS'Y	(GC)	A2	RJA0004	POWER CORD, AC	△ (GC)
7	RFKUCH700NK	BOTTOM BOARD ASS'Y	(E, EB, EG, GN)	A3	REX0402	FLAT CABLE	
7-1	RKA0043	FOOT		A4	SJP2281	OPTICAL CABLE	
8	RKN0154	HOLDER		A5	SNXS257M	SPEAKE CORD	
9	RKN0155	HOLDER		A6	SPB1163T	AM LOOP ANTENNA	
10	RKN0158	HOLDER		A6-1	SMA233-1M	ANTENNA HOLDER	
11	RFKUCH700GC	BACK GRILL ASS'Y	(GC)	A6-2	XTN3-10AFZ	SCREW	
11	RFKUCH700EK	BACK GRILL ASS'Y	(E, EG)	A7	RSAD007	FM ANTENNA	(E, EB, EG)
11	RFKUCH700EB	BACK GRILL ASS'Y	(EB, GN)	A7	RSAD006	FM ANTENNA	(GC, GN)
12	RWJ1808110QQ	FLAT CABLE (8P), J703		A8	RQA0013	WARRANTY CARD	(E, EB, EG)
14	RFKUCH700EK	FRONT PANEL ASS'Y		A8	RQX74332A	WARRANTY CARD	(GN)
14-1	RKN0186-G	FL PANEL		A9	RQCB0169	SERVICENTOR LIST	
15	RGU0680A-K	BUTTON, SELECTOR		A10	RFKUCH700EK	INST. MANUAL	(E)
16	RGU0681A-K	BUTTON, DIGITAL		A10	RQT1359-B	INST. MANUAL	(EB, GN)
17	RGU0682-K	BUTTON, POWER		A10	RQT1360-D	INST. MANUAL	(EG)
18	RGU0683-K	BUTTON, BALANCE		A10	RQT1367-G	INST. MANUAL	(GC)
19	RGU0685-K	BUTTON, TIMER		A11	SJP9009	ATTACHMENT PLUG	(EB)
20	RGU0686-K	BUTTON, LOUDNESS		A12	SJP9215	AC PLUG ADAPTOR	△ (GC)
21	SHE185-2	P. C. B SPACER					
22	SNE4021-1	MUT					
23	SUS894-1	SPRING					
24	XTB326-8J	SCREW					
25	XTB33-8JFZ1	SCREW					
27	XTB3-16JFZ	SCREW					
28	XTB3-8JFZ	SCREW					
29	XTWS3-8T	SCREW					
30	RKN0169	ANGLE					
		PACKING MATERIALS					
P1	RPG1119	PACKING CASE (SYSTEM)	(E)				
P1	RPG1146	PACKING CASE (SYSTEM)	(GN)				
P1	RPG1123	PACKING CASE (SYSTEM)	(EB)				
P1	RPG1124	PACKING CASE (SYSTEM)	(EG)				
P1	RPG1147	PACKING CASE (SYSTEM)	(GC)				
P2	RPG1069	PACKING (AMPLIFIER)					

PACKAGING



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