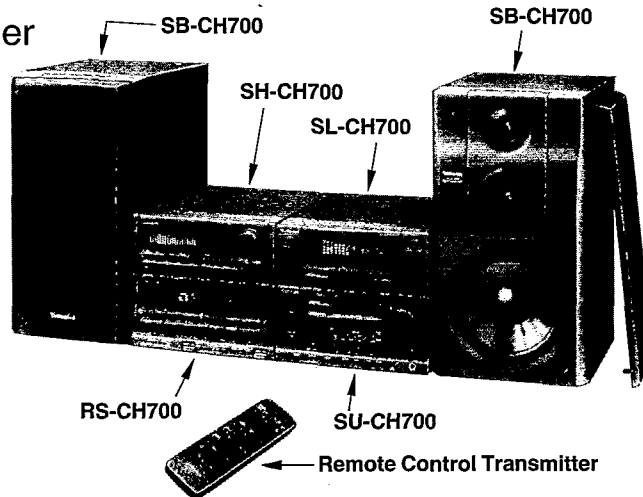


Service Manual

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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DISASSEMBLY INSTRUCTION	5~7	REPLACEMENT PARTS LIST	24~27, 30
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SCHEMATIC DIAGRAM (Input-Output/Main circuit)	11~14	PACKAGING	31

BEFORE REPAIR

- 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.
- 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:

- Switch OFF the power.
- Determine the cause of the problem and correct it.
- Switch ON the power once again.

Note:

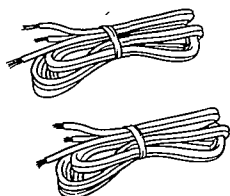
When the protection circuitry functions, the unit will not operate unless the power is first switched OFF and then ON again.

ACCESSORIES

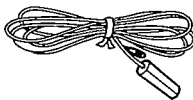
Attachment plug 1 pc.
<SJP9009> for (EB) area



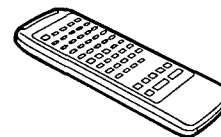
Speaker cord 2 pcs.
<SWXS257M>



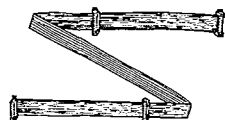
TV/FM indoor antenna 1 pc.
<RSA0006> for (GC) (GN) area
<RSA0007> for (E) (EB) (EG) area



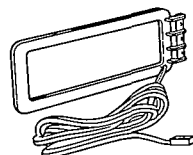
Remote control transmitter 1 pc.
<RAK-SC514W>



Flat cable 1 pc.
<REX0402>



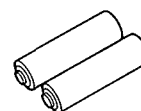
AM loop antenna 1 pc.
<SPB1163T>



Antenna holder 1 pc.
<SMA233-1M>



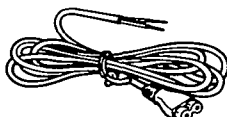
Remote control batteries ... 2 pcs.
<R03>



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

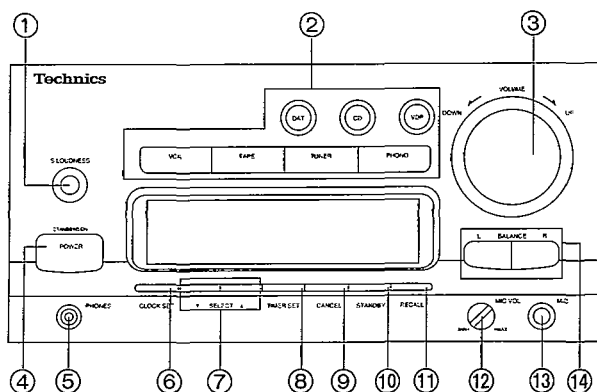


Screws 2 pcs.
<XTN3+10AFZ>



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

LOCATION OF CONTROL

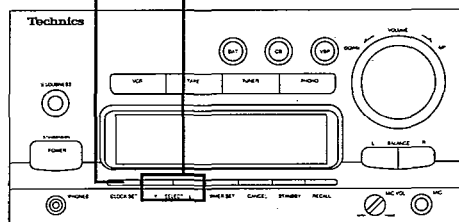


- ① **Loudness button (S. LOUDNESS)**
This button is used to boost the dynamic low frequency ranges in a low volume level.
- ② **Input select buttons (DAT, CD, VDP, VCR, TAPE, TUNER, PHONO)**
These buttons are used to select the sound source to be heard.
- ③ **Volume level control (VOLUME)**
This control 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 \odot /ON" switch (POWER STANDBY \odot /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 \odot 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 \blacktriangle)**
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.

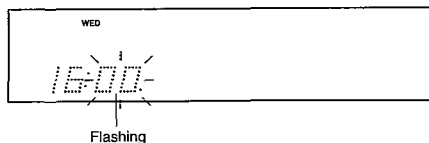
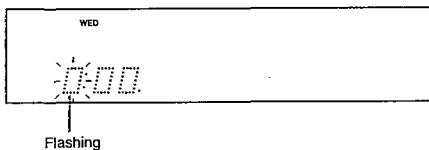
Setting the time

1·3·5·7 2·4·6

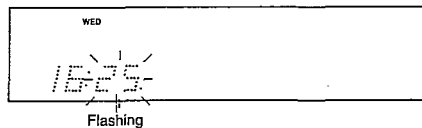


For example:
To set the time at 16:25 on Wednesday (4:25 pm).
Have you switched on the power?

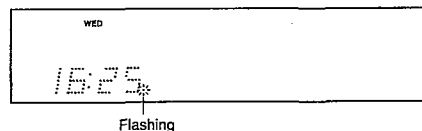
- 1 **Press the clock set button.**
The day indicator will start to flash.
- 2 **Press one of the timer select buttons to select "WED".**
- 3 **Press the clock set button.**
- 4 **Press one of the timer select buttons to select "16".**
- 5 **Press the clock set button.**



- 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.

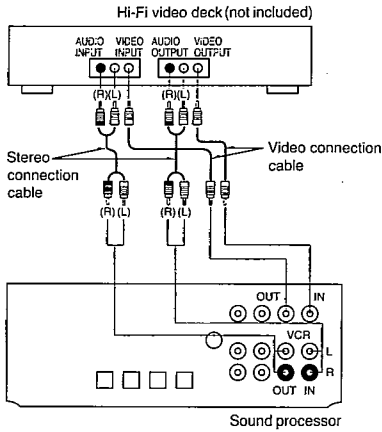


Note:
•"E" appears on the display when the power cord is connected or by electricity failure. Set the time once again.

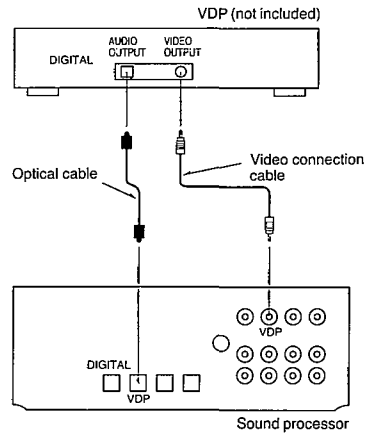
CONNECTIONS

External unit connection

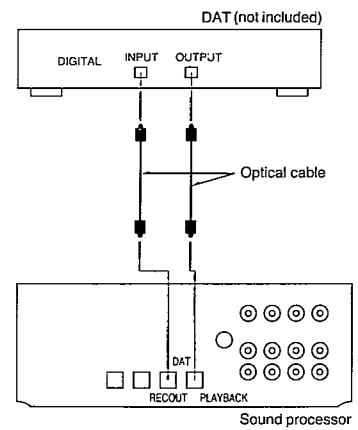
Video deck



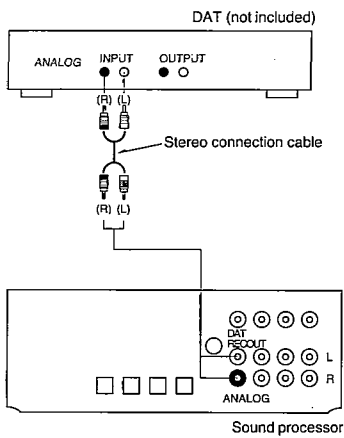
Video disc player



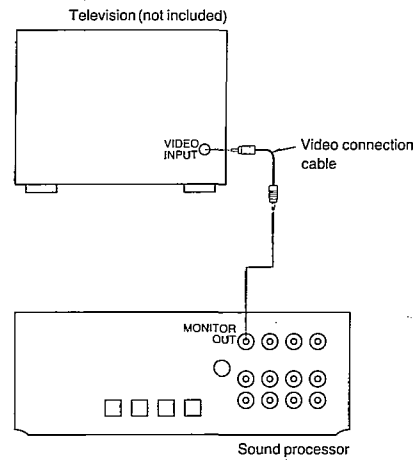
DAT (digital audio tape deck) (with optical cables)



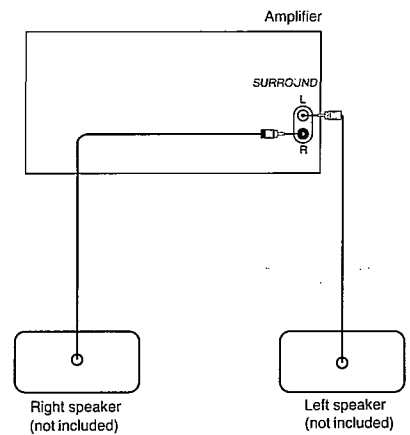
DAT (only recording out) (with stereo connection cables)



Television



Surround speakers

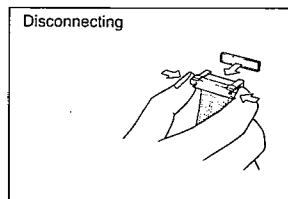
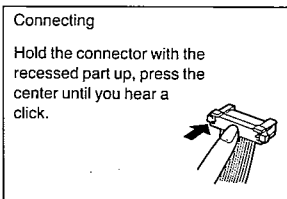
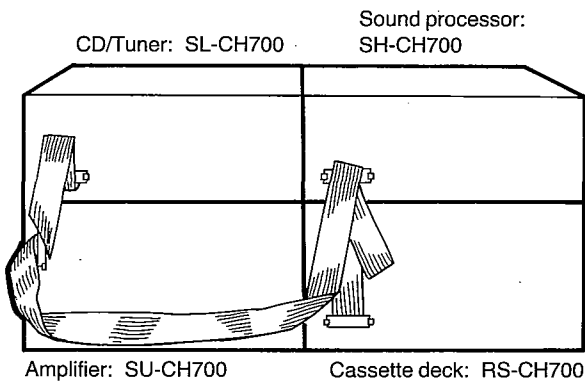


Be sure to connect both speaker systems.
If only one side is connected, no sound will be heard.

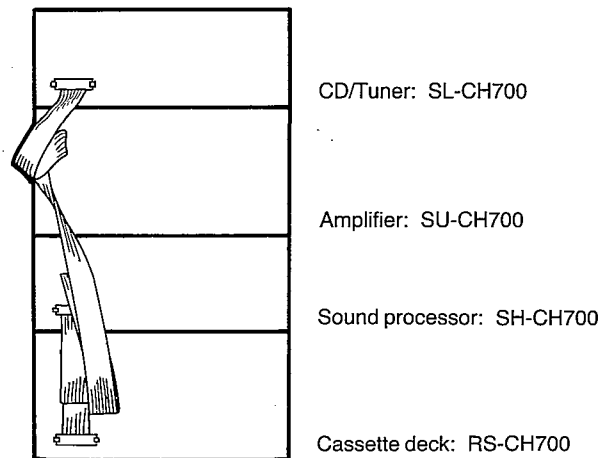
You can record the original sound that you have created with this system to DAT tape.

Connect the flat cables

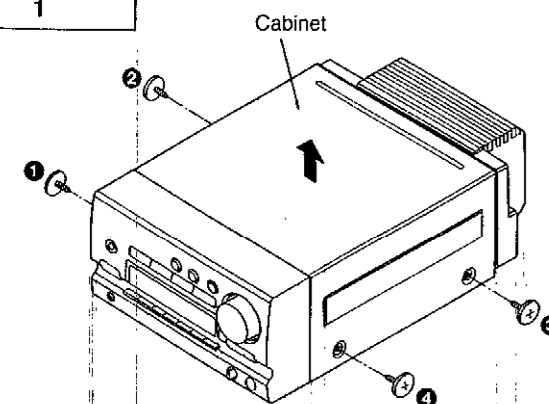
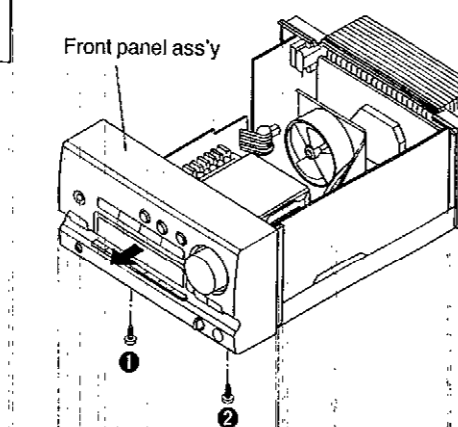
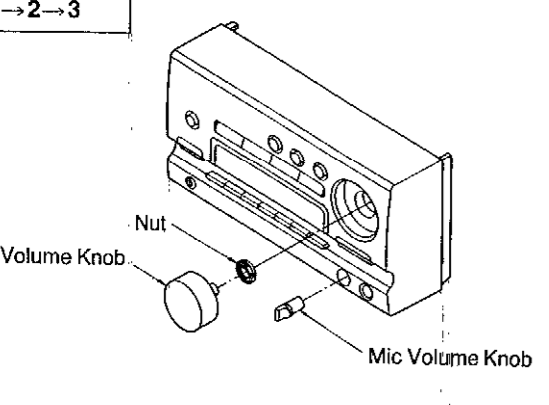
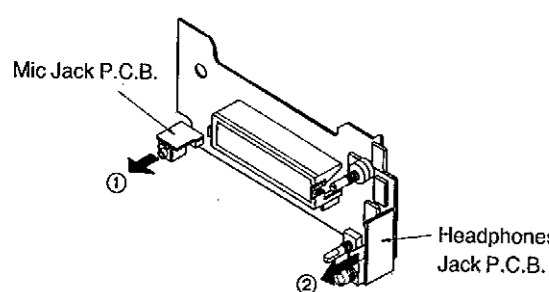
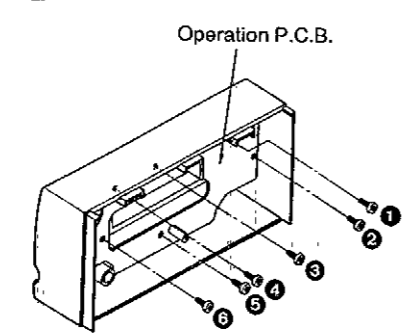
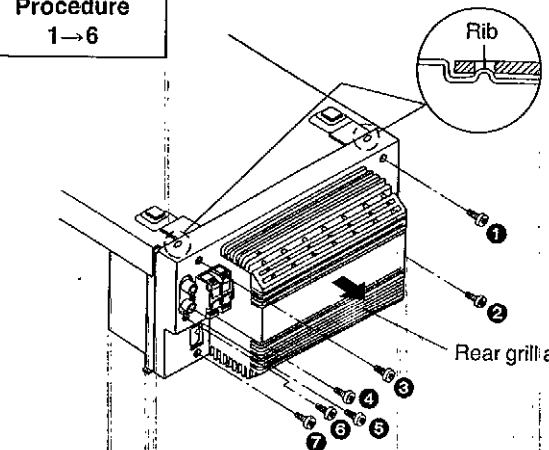
When installing the components horizontally, fold the cable as shown in the figure below.

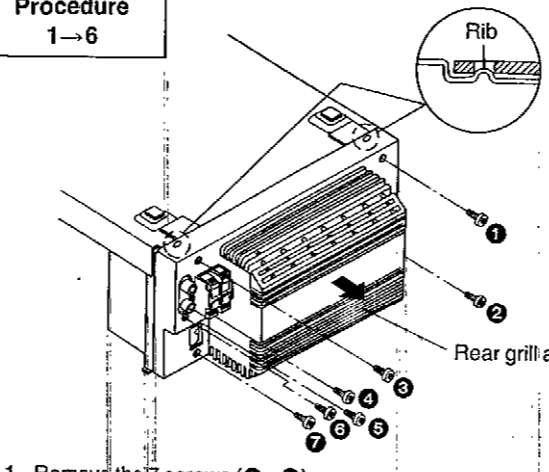
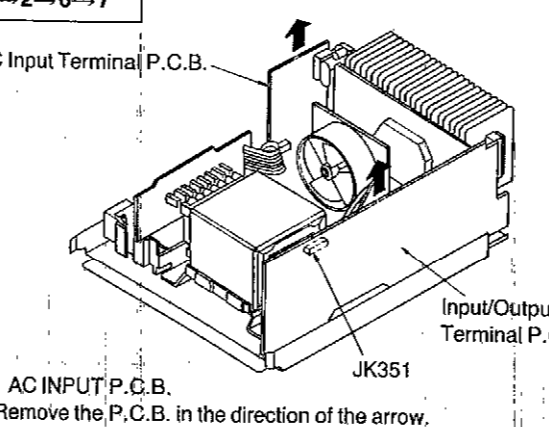
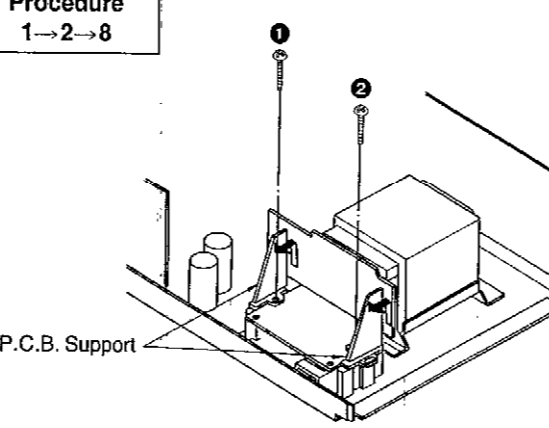
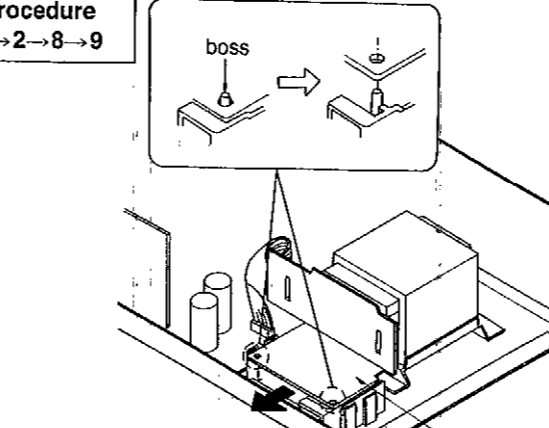
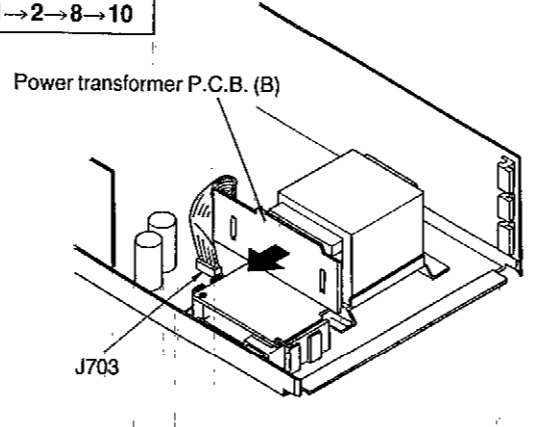
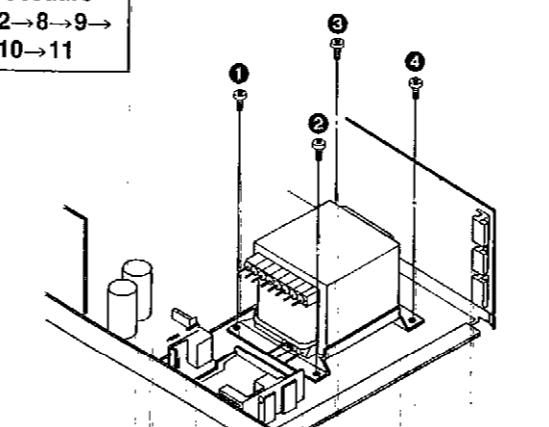


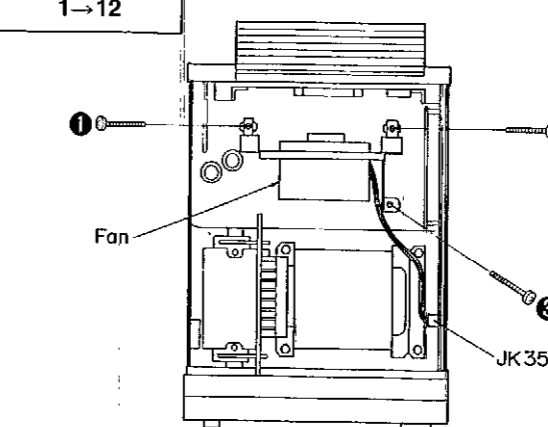
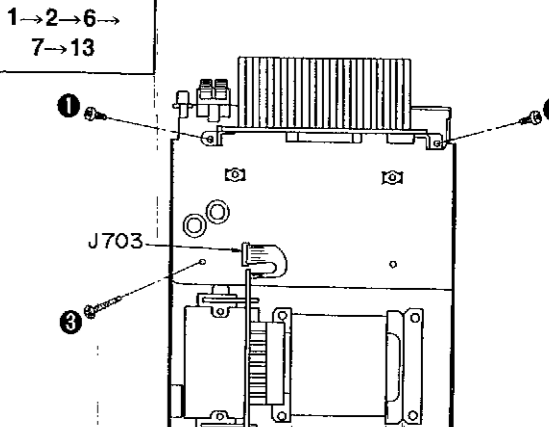
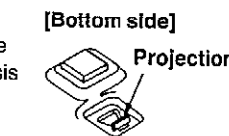
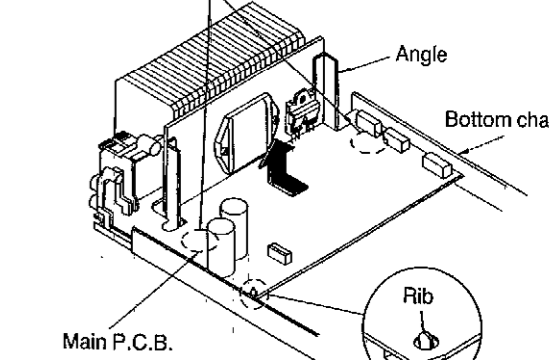
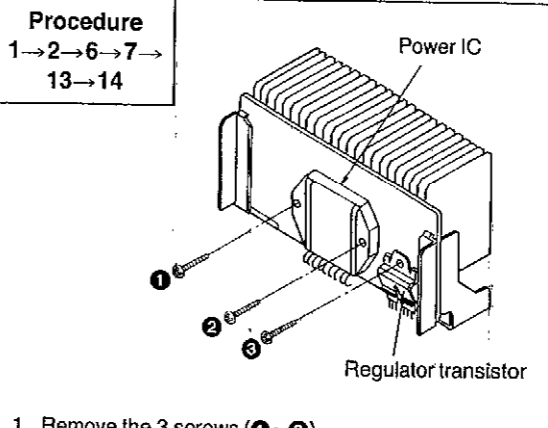
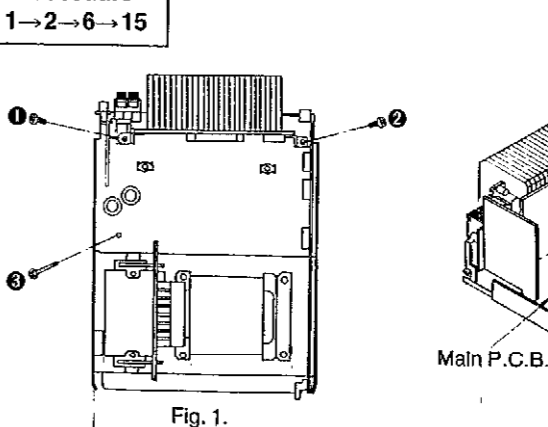
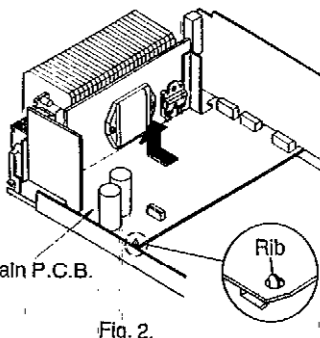
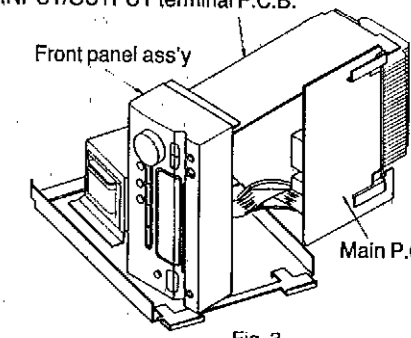
When installing the components vertically, fold the cable as shown in the figure below.

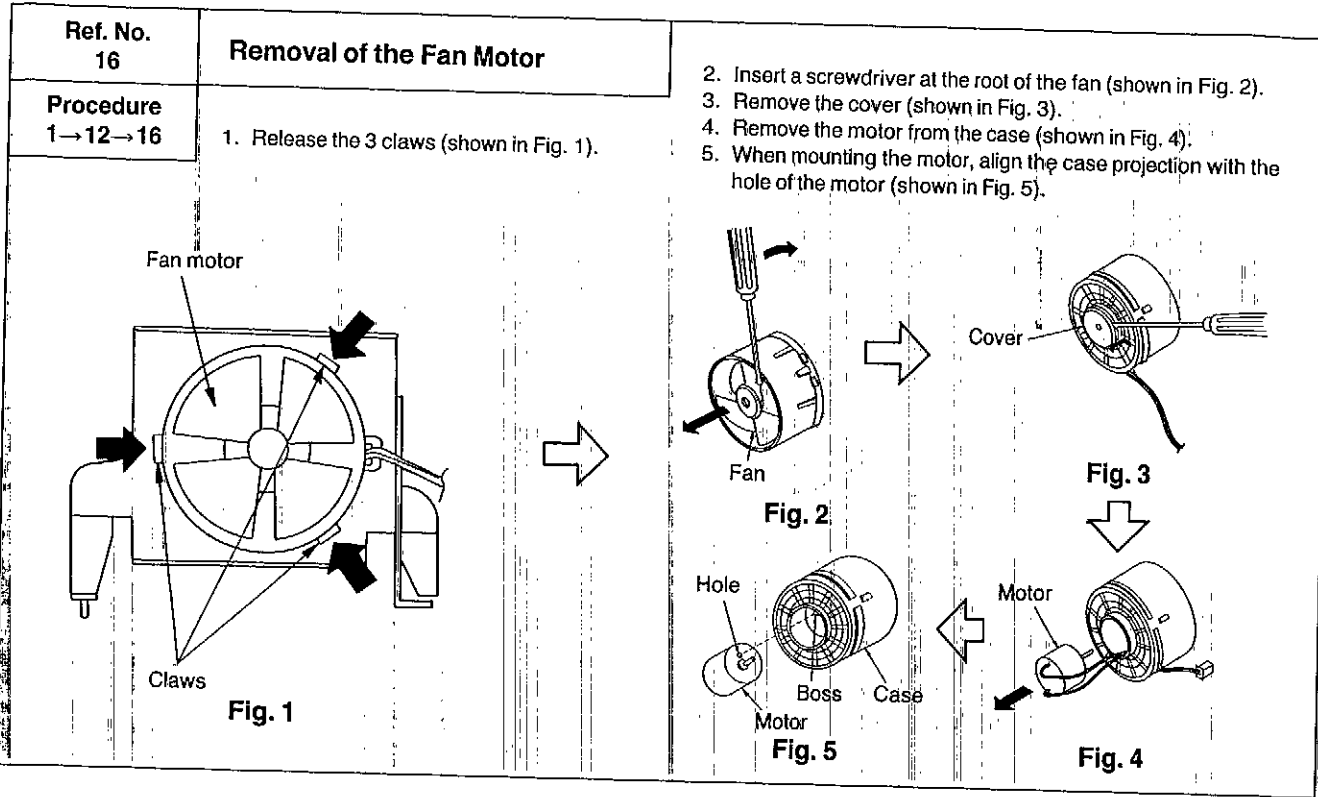


■ DISASSEMBLY INSTRUCTIONS

<p>Ref. No. 1</p> <p>Removal of the Cabinet</p> <p>Procedure 1</p>  <p>Remove the 4 screws (1~4).</p>	<p>Ref. No. 2</p> <p>Removal of the Front Panel Ass'y</p> <p>Procedure 1→2</p>  <p>1. Remove the 2 screws (1, 2). 2. Remove the front panel ass'y in the direction of the arrow.</p>
<p>Ref. No. 3</p> <p>Removal of the FL P.C.B.</p> <p>Procedure 1→2→3</p>  <p>1. Pull out the 2 knobs (Volume and Mic knob). 2. Remove the Nut.</p>	<p>Ref. No. 4</p> <p>Removal of the Mic Jack P.C.B. and Headphones Jack P.C.B.</p> <p>Procedure 1→2→3→4</p>  <p>Remove the Mic Jack P.C.B. in the direction of the arrow ①. Remove the Headphones Jack P.C.B. in the direction of the arrow ②.</p>
<p>Ref. No. 5</p> <p>Removal of the Operation P.C.B.</p> <p>Procedure 1→2→3→5</p>  <p>Remove the 6 screws (1~6).</p>	<p>Ref. No. 6</p> <p>Removal of the Rear Grill Ass'y</p> <p>Procedure 1→6</p>  <p>Remove the 7 screws (1~7). Remove the 2 ribs and then remove the rear grill ass'y in the direction of the arrow.</p>

<p>Ref. No. 6</p> <p>Removal of the Rear Grill Ass'y</p> <p>Procedure 1→6</p>  <p>Remove the 7 screws (1~7). Remove the 2 ribs and then remove the rear grill ass'y in the direction of the arrow.</p>	<p>Ref. No. 7</p> <p>Removal of the AC Input Terminal P.C.B. and Input/Output Terminal P.C.B.</p> <p>Procedure 1→2→6→7</p>  <p>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.</p>
<p>Ref. No. 8</p> <p>Removal of the P.C.B. support</p> <p>Procedure 1→2→8</p>  <p>1. Remove the 2 screws (1, 2). 2. Remove the 2 support in the direction of the arrow.</p>	<p>Ref. No. 9</p> <p>Removal of the Power Transformer P.C.B. (A)</p> <p>Procedure 1→2→8→9</p>  <p>1. Remove the 2 boss. 2. Remove the P.C.B. in the direction of the arrow.</p>
<p>Ref. No. 10</p> <p>Removal of the Power Transformer P.C.B. (B)</p> <p>Procedure 1→2→8→10</p>  <p>1. Remove the flat cable (J703). 2. Remove the P.C.B. in the direction of the arrow.</p>	<p>Ref. No. 11</p> <p>Removal of the Power Transformer</p> <p>Procedure 1→2→8→9→10→11</p>  <p>Remove the 4 screws (1~4).</p>

<p>Ref. No. 12</p> <p>Removal of the Fan</p> <p>Procedure 1→12</p>  <p>1. Remove the connector (JK351). 2. Remove the 3 screws (1~3).</p>	<p>Ref. No. 13</p> <p>Removal of the Main P.C.B.</p> <p>Procedure 1→2→6→7→13</p>  <p>1. Remove the 3 screws (1~3).</p> <p>NOTE Insert the projection on the angle into the hole of the bottom chassis and then install the Main P.C.B.</p>   <p>2. Remove the rib and then remove the Main P.C.B. in the direction of the arrow.</p>
<p>Ref. No. 14</p> <p>Removal of the Power IC and Regulator Transistor</p> <p>Procedure 1→2→6→7→13→14</p>  <p>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 (RFKX0002) to the rear side of power IC or regulator transistor.</p>	<p>Ref. No. 15</p> <p>Check the Main P.C.B.</p> <p>Procedure 1→2→6→15</p>  <p>1. Remove the 3 screws (1~3).</p>  <p>2. Remove the rib and then remove the Main P.C.B. in the direction of the arrow.</p>  <p>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.</p>



- 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

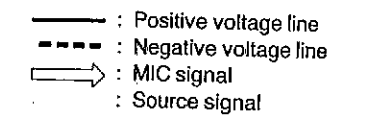
•The supply part number is described alone in the replacement parts list.

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.

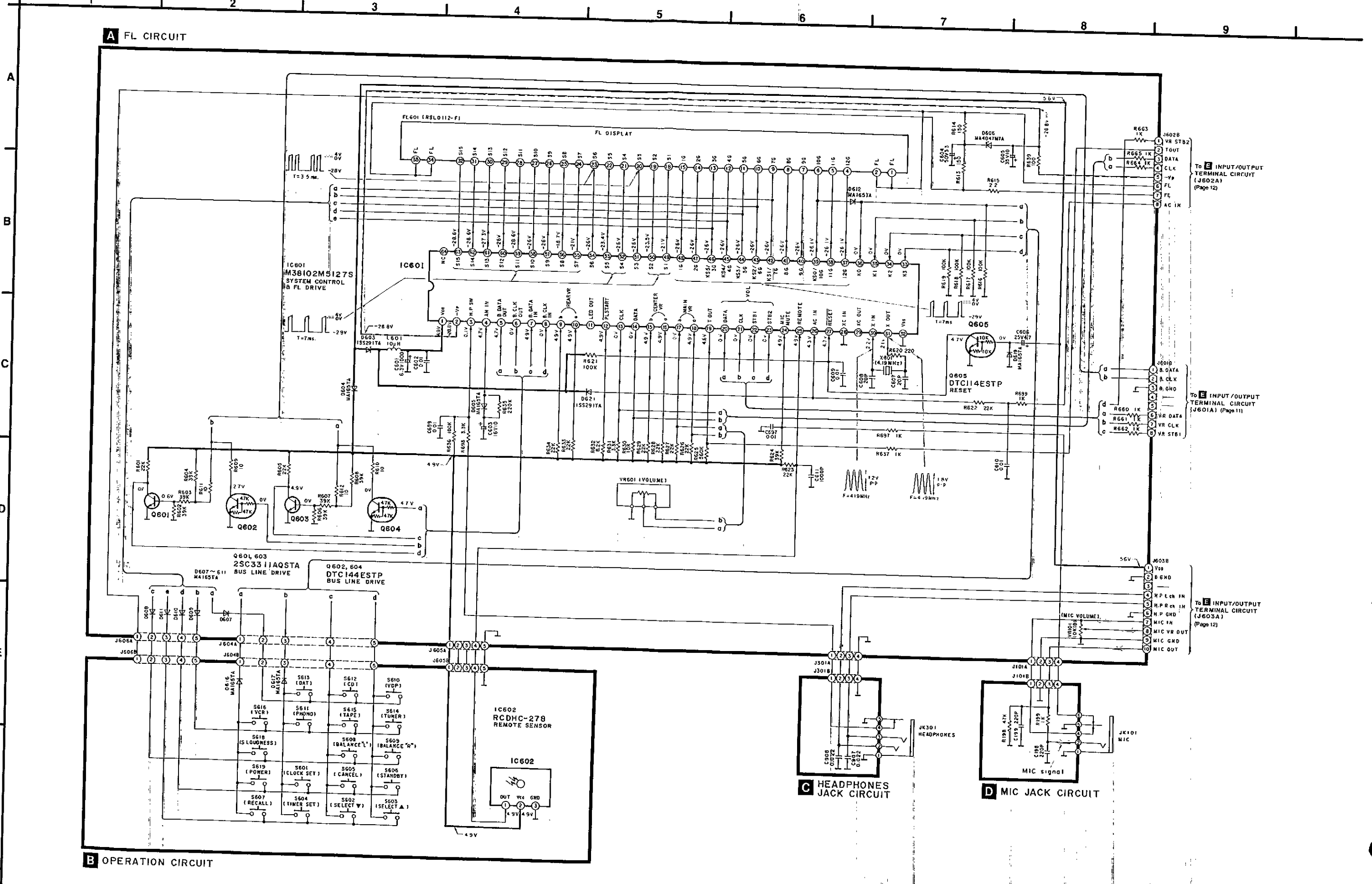
•This schematic diagram may be modified at any time with the development of new technology.



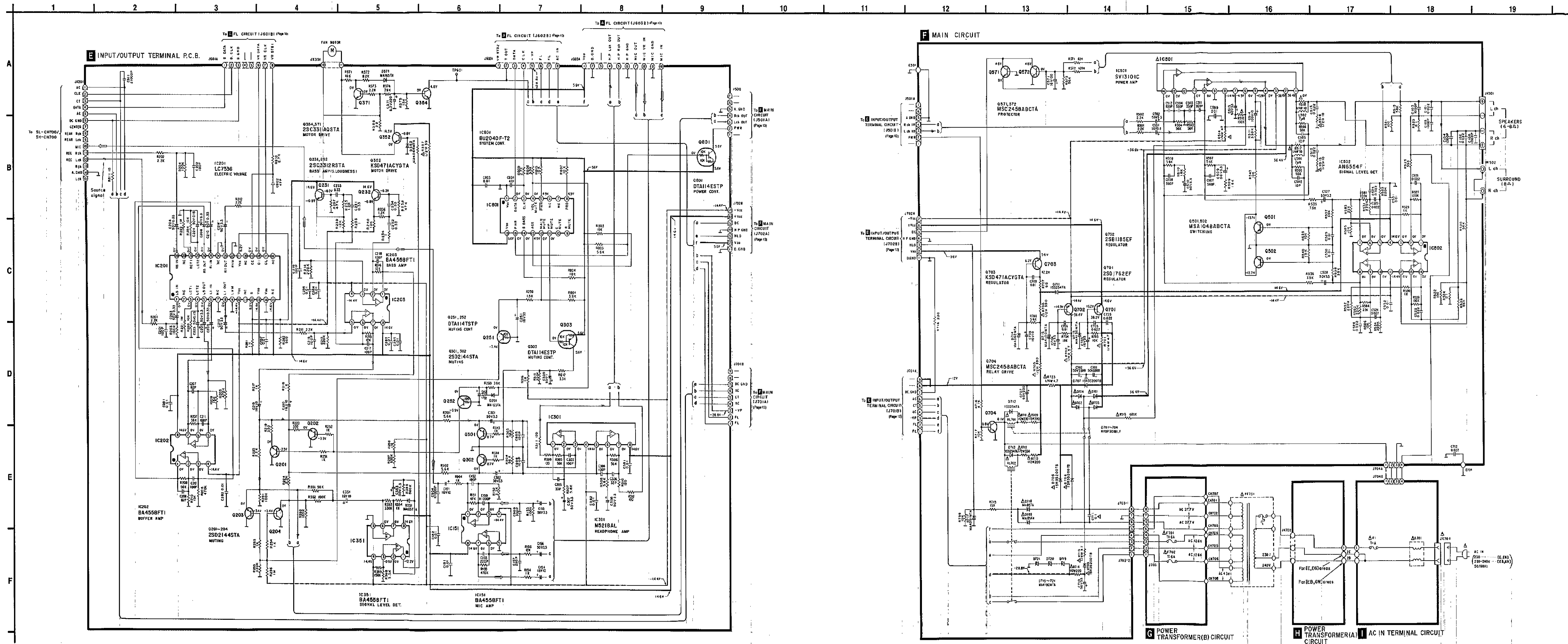
Caution!

- 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.)

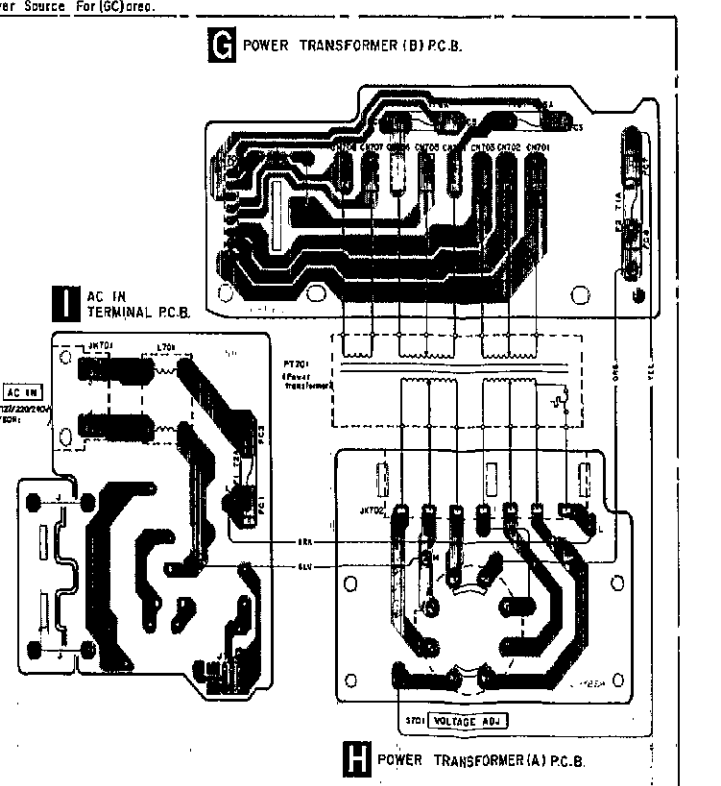
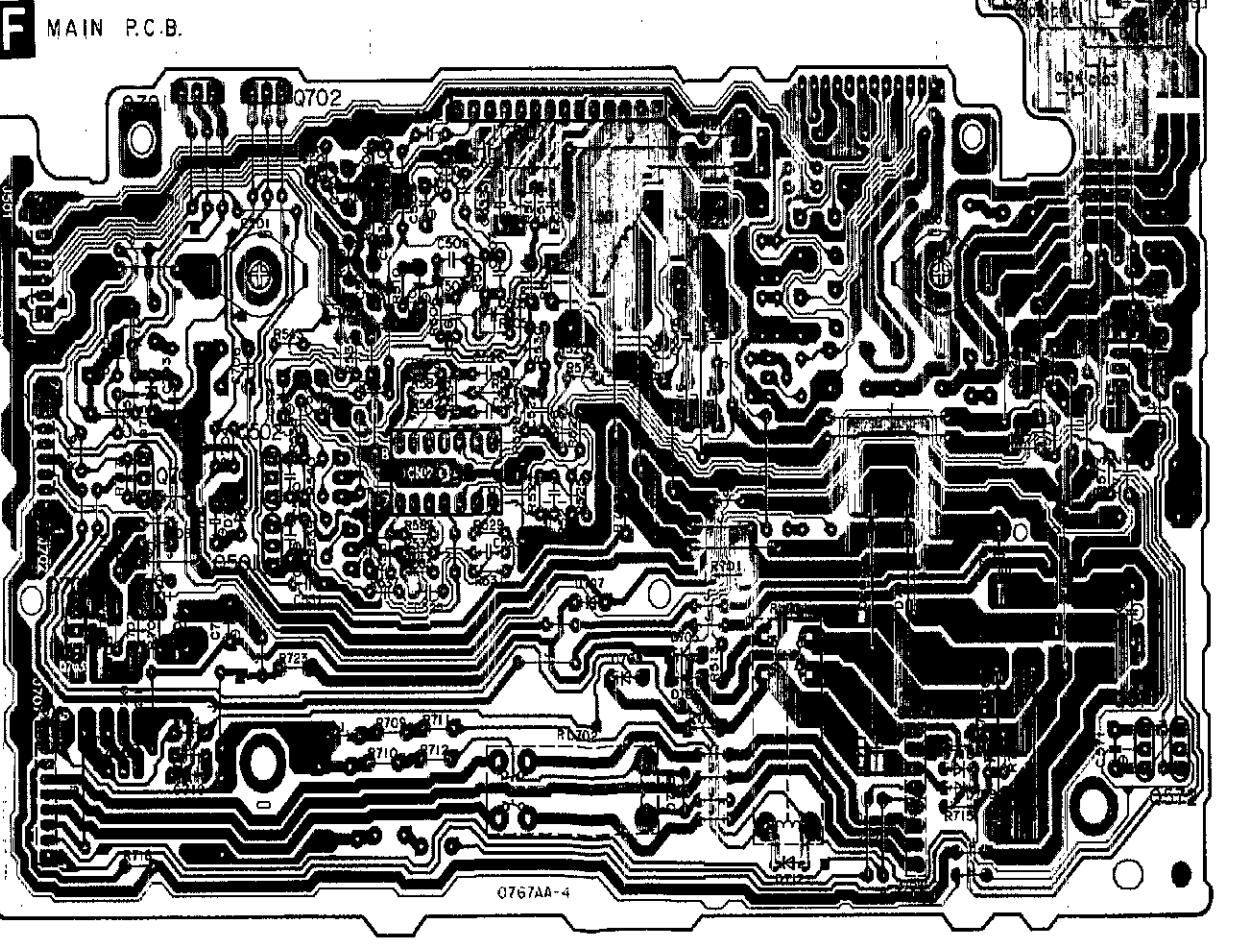
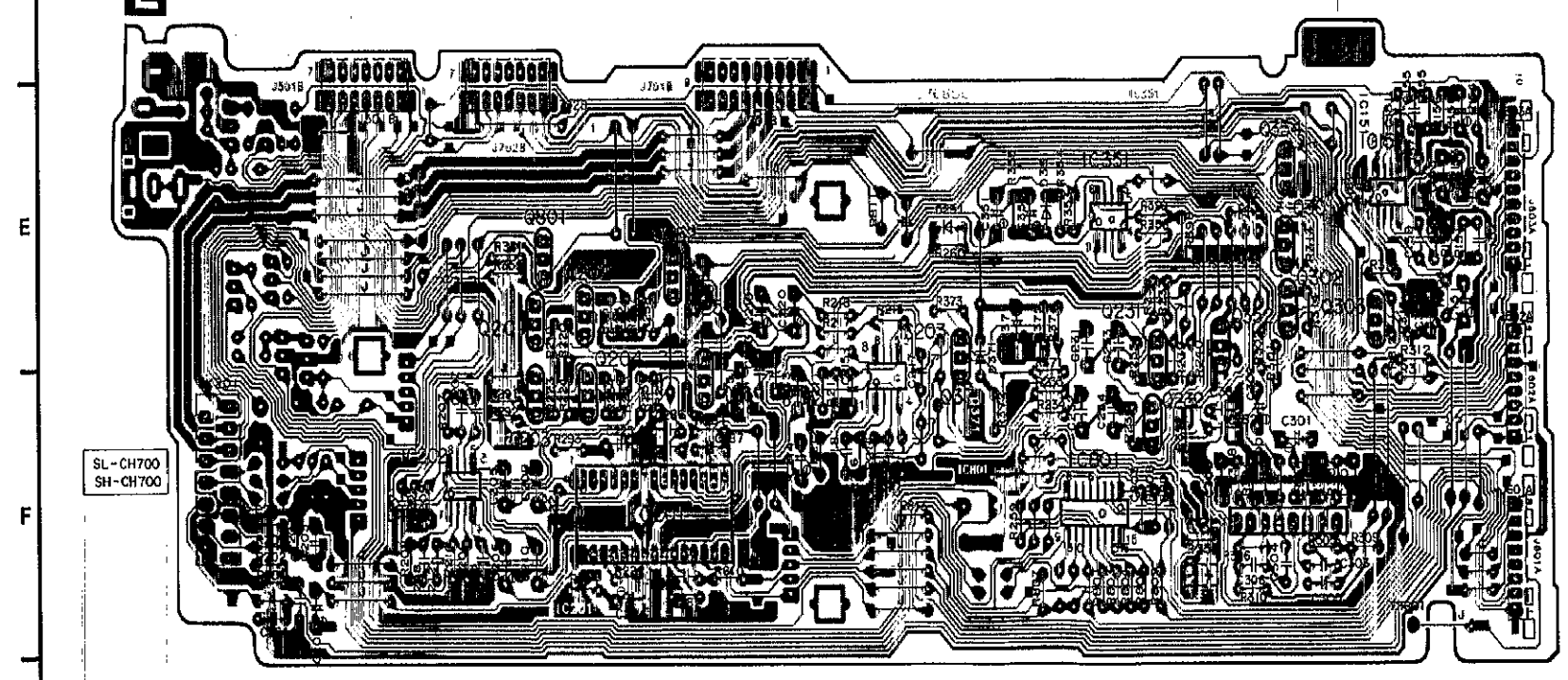
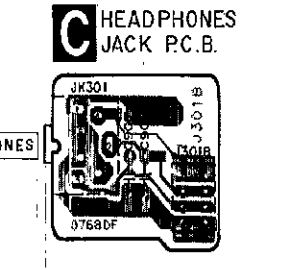
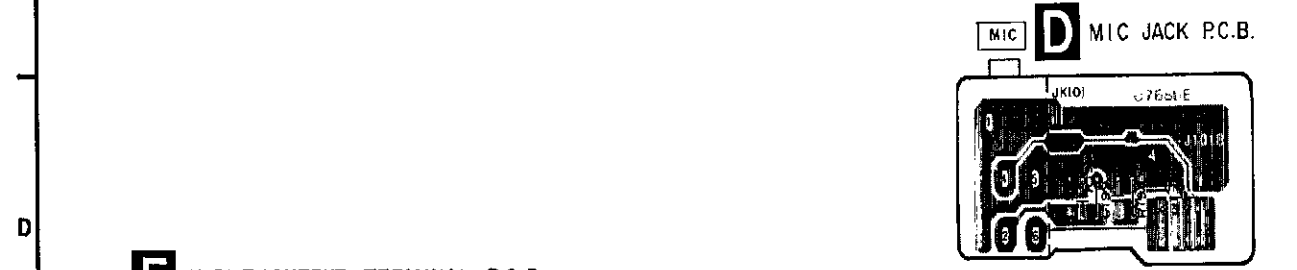
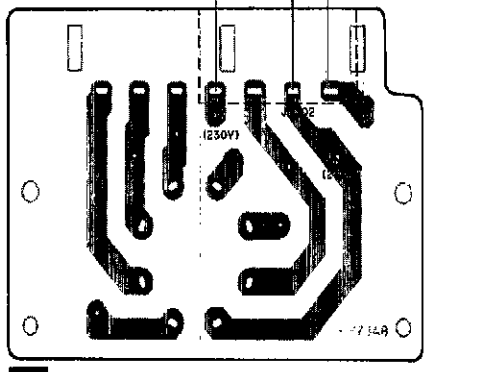
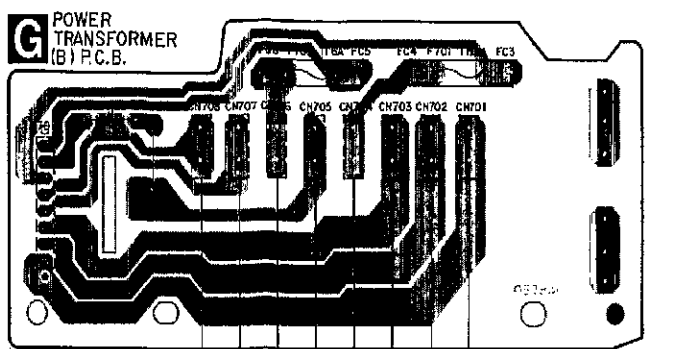
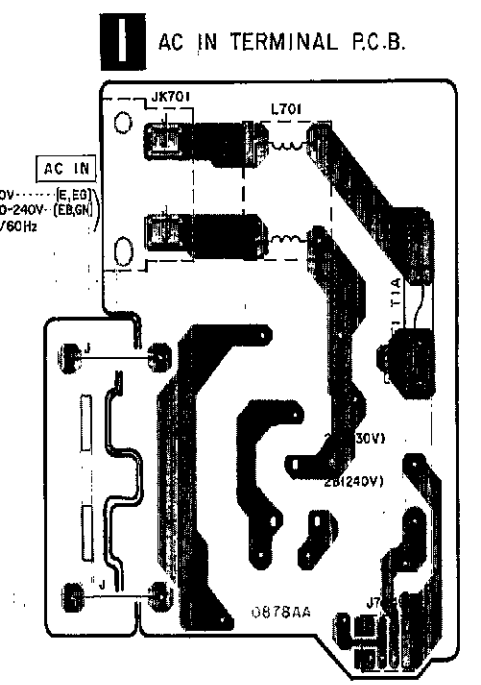
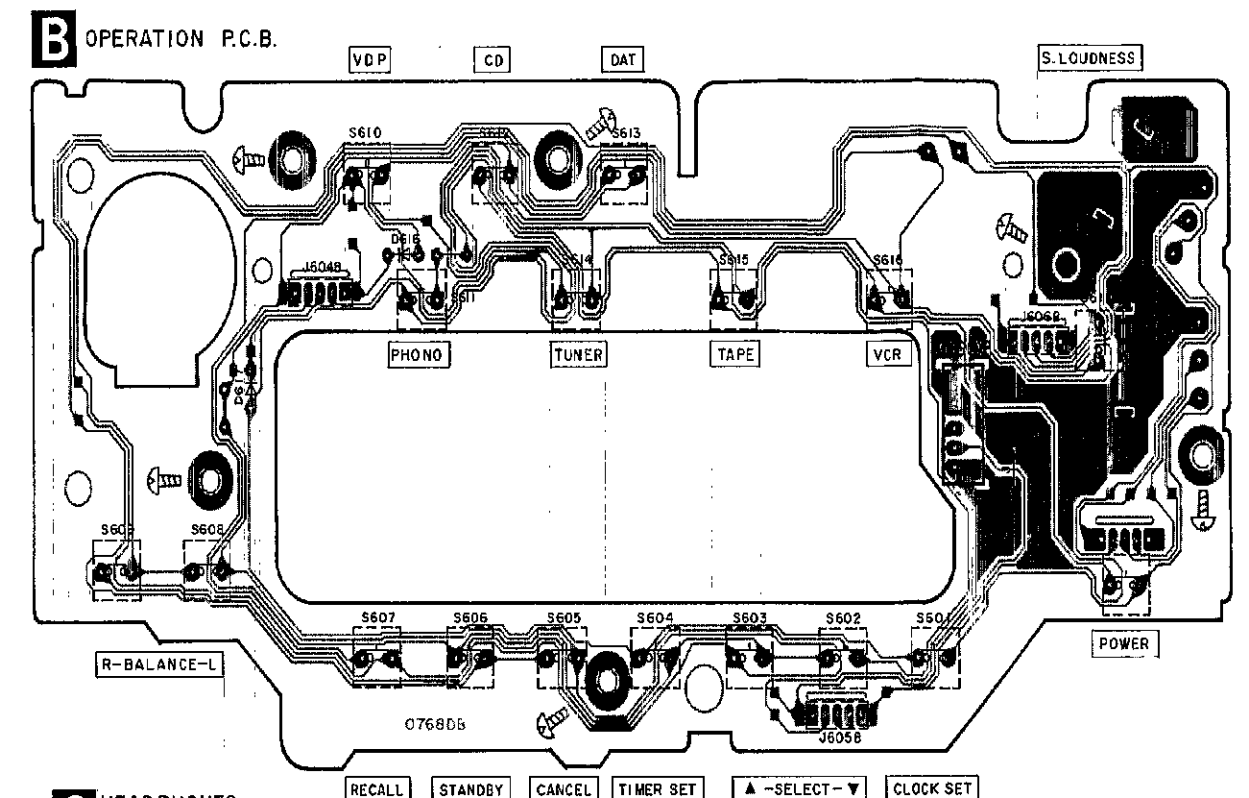
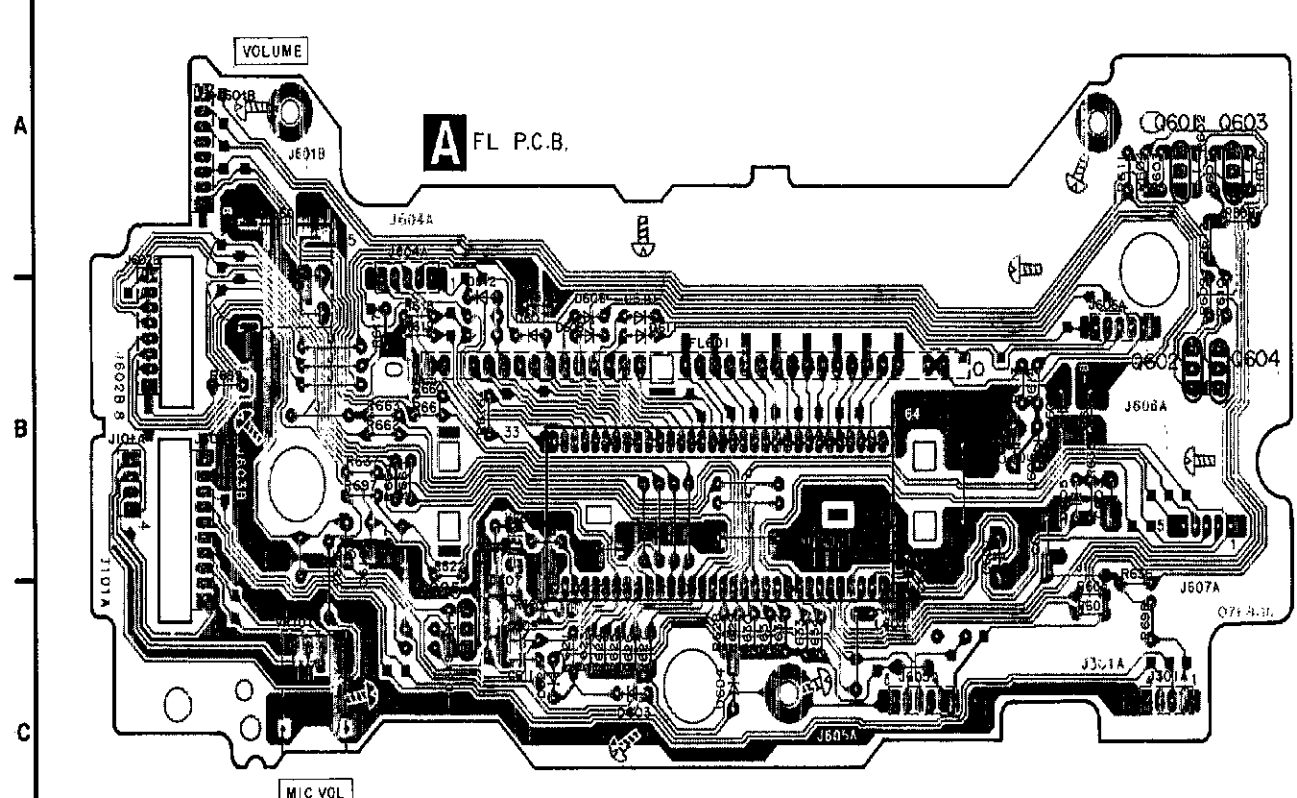


SCHEMATIC DIAGRAM (Input/Output Terminal/Main circuit) (Parts list on pages 24~27.)



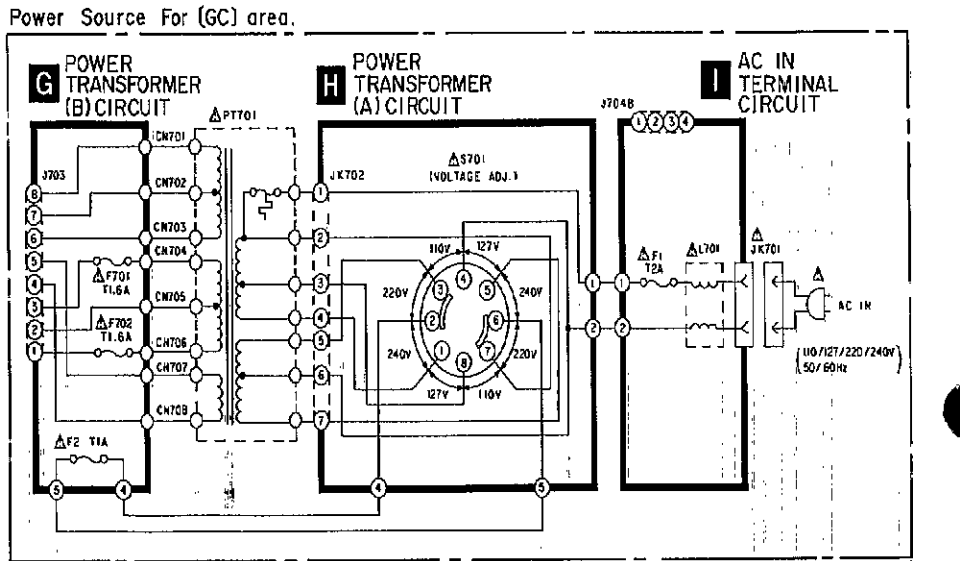
PRINTED CIRCUIT BOARDS

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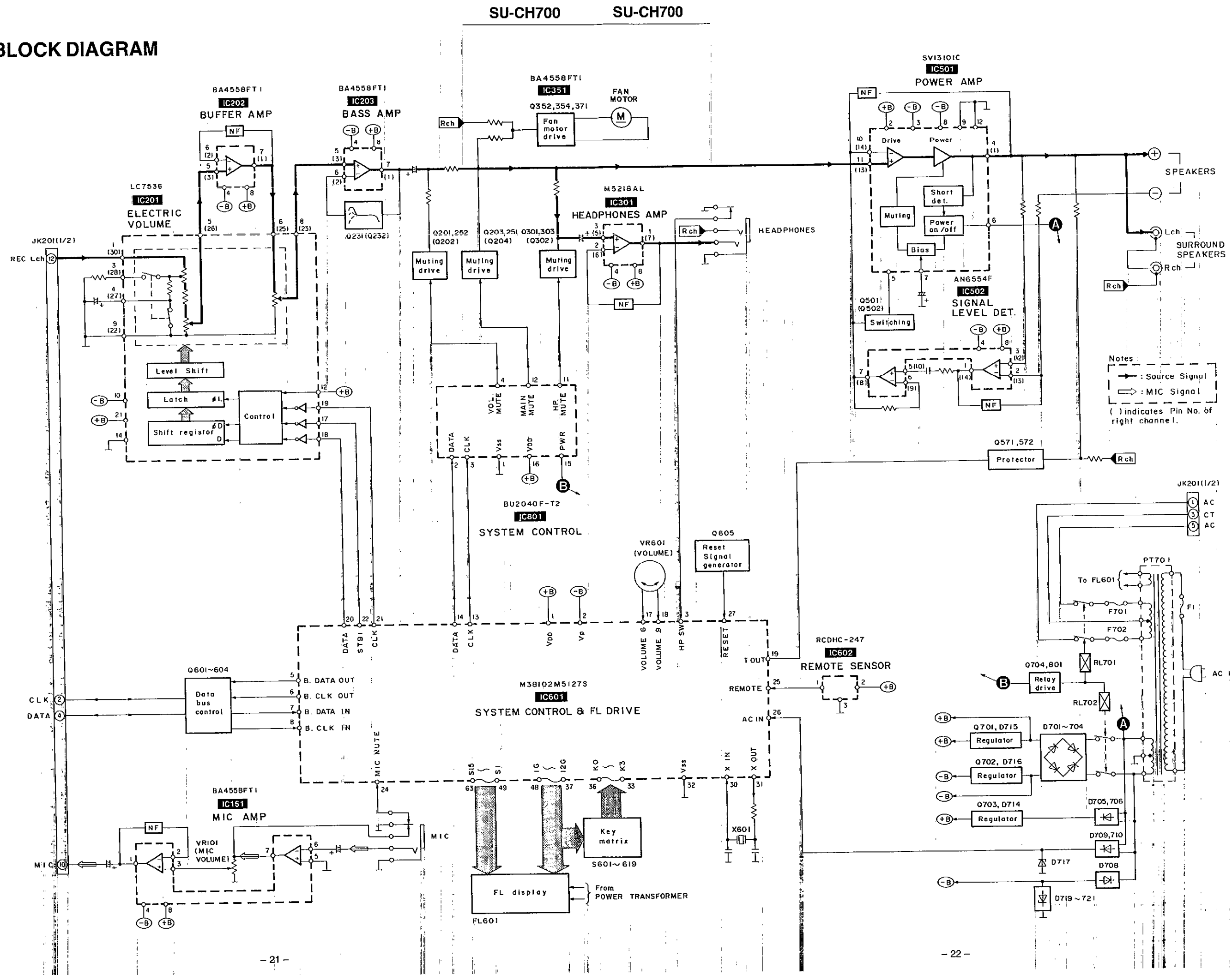


Terminal guide of IC's, transistors and diodes

BA4558FT1	BU2040F-T2	M38102M5127S	M5218AL
	AN6554F 14Pin LC7536 30Pin	SVI3101C	RCDHC-278
KSD471ACYGTA	MSA1048ABCTA MSC2458ABCTA 2SD2144STA DTA114ESTP DTA114TSTP DTC114ESTP DTC144ESTP	2SC3311AQSTA 2SC3312RSTA	
2SB1185EF 2SD1762EF	MA165TA MA185TA 1SS254TA 1SR35200TB	MA4100MTA MA4150MTA	
		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 x 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
		SWITCH(ES)	
S801	EVQ21405R	S. W. CLOCK SET	
S802	EVQ21405R	S. W. SELECT DOWN	
S603	EVQ21405R	S. W. SELECT UP	
S604	EVQ21405R	S. W. TIMER SET	
S605	EVQ21405R	S. W. CANCEL	
S606	EVQ21405R	S. W. STANDBY	
S607	EVQ21405R	S. W. RECALL	
S608	EVQ21405R	S. W. BALANCE (L)	
S609	EVQ21405R	S. W. BALANCE (R)	
S610	EVQ21405R	S. W. BS	
S611	EVQ21405R	S. W. TUNER	
S612	EVQ21405R	S. W. CD	
S613	EVQ21405R	S. W. DAT	
S614	EVQ21405R	S. W. TAPE	
S615	EVQ21405R	S. W. VDP	
S616	EVQ21405R	S. W. VCR	
S618	EVQ21405R	S. W. LOUDNESS	
S619	EVQ21405R	S. W. POWER	
S701	ES37263	SW. VOLTAGE SELECTOR	△ (GC)
		CONNECTOR	
J703-1, 2	RJS1A66D4	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)	

Ref. No.	Part No.	Part Name & Description	Remarks
		EARTH TERMINAL(S)	
E501	SNE1004-1	GND PLATE	
E701	SNE1004-1	GND PLATE	
		FUSE HOLDER(S)	
FC1-6	EYF52BC	FUSE HOLDER	△
FC7, 8	EYF52BC	FUSE HOLDER	△ (GC)
		RELAY (S)	
RL701, 702	SSY134	RELAY	△
		JACK(S)	
JK101	RJ65MA02	MIC JACK	
JK201	RJT055K015-1	CONNECTOR (15P)	
JK301	RJD7S2YA-C	HEADPHONE JACK	
JK351	SJT3213	FAN MOTOR CONNECTOR	
JK501	RJR0054	SPEAKER TERMINAL	
JK502	SJF3068-6N	SURROUND SP. TERMINAL	△ (E, EB, EG, GC)
JK701	SJS9236	AC INLET	△ (E, EB, EG, GC)
JK701	SJS916	AC INLET	△ (GN)
JK702	SJS702-1	CONNECTOR (3P)	(E, EB, EG, GN)

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)

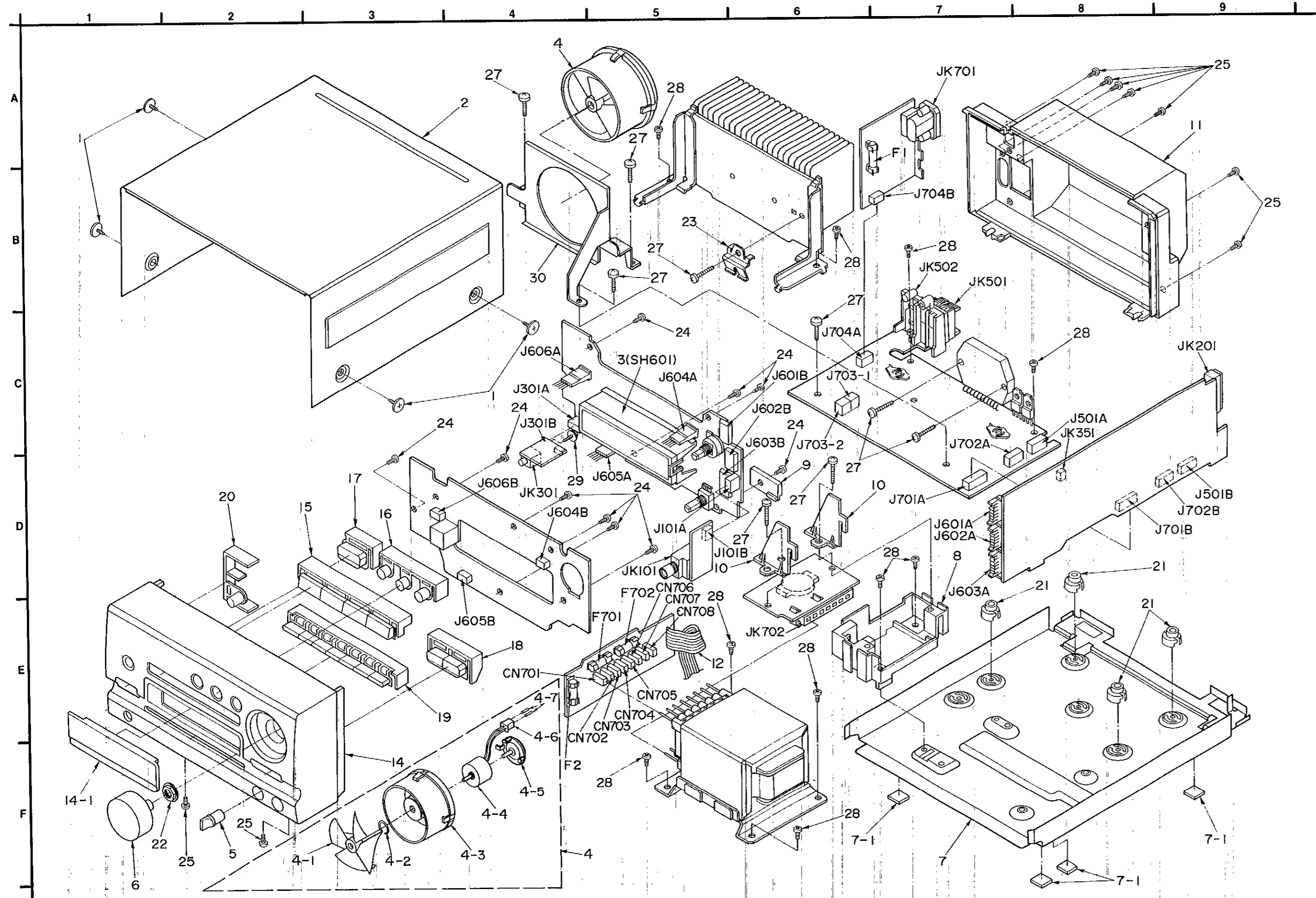
Ref. No.	Part No.	Values & Remarks
		RESISTORS
R151	ERDS2TJ473	1/4W 47K
R152	ERDS2TJ332	1/4W 3.3K
R153	ERDS2TJ104	1/4W 100K
R154	ERDS2TJ102	1/4W 1K
R155	ERDS2TJ474	1/4W 470K
R156	ERDS2TJ123	1/4W 12K
R198	ERDS2TJ473	1/4W 47K
R199	ERDS2TJ102	1/4W 1K
R201, 202	ERDS2TJ222	1/4W 2.2K
R203, 204	ERDS2TJ104	1/4W 100K
R205, 206	ERDS2TJ474	1/4W 470K
R207, 208	ERDS2TJ563	1/4W 56K
R209, 210	ERDS2TJ153	1/4W 15K
R211, 212	ERDS2TJ222	1/4W 2.2K
R213, 214	ERDS2TJ224T	1/4W 220K
R215, 216	ERDS2TJ123	1/4W 12K
R217, 218	ERDS2TJ102	1/4W 1K
R219, 220	ERDS2TJ331	1/4W 330
R221, 222	ERDS2TJ105T	1/4W 1M
R223, 224	ERDS2TJ222	1/4W 2.2K
R233, 234	ERDS2TJ1R0	1/4W 1
R235, 236	ERDS2TJ122	1/4W 1.2K
R237, 238	ERDS2TJ473	1/4W 47K
R239, 240	ERDS2TJ123	1/4W 12K
R251-254	ERDS2TJ102	1/4W 1K
R255	ERDS2TJ334	1/4W 330K
R256	ERDS2TJ105T	1/4W 1M
R257	ERDS2TJ334	1/4W 330K
R258	ERDS2TJ105T	1/4W 1M
R259	ERDS2TJ152	1/4W 1.5K
R260	ERDS2TJ392T	1/4W 3.9K
R281	ERDS2TJ102	1/4W 1K
R282	ERDS2TJ561	1/4W 560
R291, 292	ERDS2TJ104	1/4W 100K
R293, 294	ERDS2TJ103	1/4W 10K
R301, 302	ERDS2TJ562	1/4W 5.6K
R303-306	ERDS2TJ563	1/4W 56K
R307, 308	ERDS2TJ562	1/4W 5.6K
R309-312	ERDS2EJ121	1/4W 120
R313, 314	ERDS2TJ102	1/4W 1K
R315	ERDS2TJ334	1/4W 330K
R316	ERDS2TJ105T	1/4W 1M
R351	ERDS2TJ563	1/4W 56K
R352	ERDS2TJ184T	1/4W 180K
R353	ERDS2TJ334	1/4W 330K
R354	ERDS2TJ102	1/4W 1K

Ref. No.	Part No.	Values & Remarks
R355	ERDS2TJ564	1/4W 560K
R356	ERDS2TJ332	1/4W 3.3K
R357	ERDS1FVJ390T	1/2W 39
R358	ERDS2TJ220T	1/4W 22
R371	ERDS2TJ103	1/4W 10K
R372	ERDS2TJ823T	1/4W 82K
R373	ERDS2TJ222	1/4W 2.2K
R374	ERDS2TJ393	1/4W 39K
R375	ERDS2TJ153	1/4W 15K
R398	ERDS2TJ332	1/4W 3.3K
R399	ERDS2TJ154	1/4W 150K
R501, 502	ERDS2TJ222	1/4W 2.2K
R503-506	ERDS2TJ563	1/4W 56K
R507, 508	ERDS2TJ562	1/4W 5.6K
R509, 510	ERDS2TJ182	1/4W 1.8K
R511	ERDS2TJ334	1/4W 330K
R512	ERDS2TJ154	1/4W 150K △
R513	ERDS2TJ684	1/4W 680K △
R514	ERD25FVJ470	1/4W 47 △
R515, 516	FRDS1FVJ100T	1/2W 10 △
R517, 518	ERD25FVJ100T	1/4W 10 △
R519, 520	ERDS2TJ563	1/4W 56K
R521, 522	ERDS2TJ101	1/4W 100
R523, 524	ERD2EXKR10V	2W 0.1
R525, 526	ERDS2TJ563	1/4W 56K
R527, 528	ERDS2TJ104	1/4W 100K
R529, 530	ERDS2TJ102	1/4W 1K
R531-534	ERDS2TJ224T	1/4W 220K
R535, 536	ERDS2TJ52T	1/4W 7.5K
R537, 538	ERDS2TJ393	1/4W 39K
R539, 540	ERDS2TJ103	1/4W 10K
R543	ERDS2TJ103	1/4W 10K
R571	ERDS2TJ823T	1/4W 82K
R572	ERDS2TJ124T	1/4W 120K
R573	ERDS2TJ563	1/4W 56K
R581, 582	ERDS2TJ224T	1/4W 220K
R583, 584	ERDS2TJ223	1/4W 22K
R585, 586	ERDS2TJ103	1/4W 10K
R601	ERDS2TJ223	1/4W 22K
R602-604	ERDS2TJ393	1/4W 39K
R605	ERDS2TJ223	1/4W 22K
R606-608	ERDS2TJ393	1/4W 39K
R609-612	ERDS2TJ100	1/4W 10
R613, 614	ERDS2TJ151	1/4W 150
R615	ERDS2TJ2R2T	1/4W 2.2
R616-619	ERDS2TJ104	1/4W 100K
R620	ERDS2TJ221	1/4W 220
R621	ERDS2TJ104	1/4W 100K
R622, 623	ERDS2TJ223	1/4W 22K

Ref. No.	Part No.	Values & Remarks
R624	ERDS2TJ393	1/4W 39K
R625	ERDS2TJ564	1/4W 560K
R626-629	ERDS2TJ223	1/4W 22K
R630	ERDS2TJ103	1/4W 10K
R631	ERDS2TJ332	1/4W 3.3K
R632	ERDS2TJ822	1/4W 8.2K
R633, 634	ERDS2TJ223	1/4W 22K
R635	ERDS2TJ224T	1/4W 220K
R636	ERDS2TJ104	1/4W 100K
R637	ERDS2TJ102	1/4W 1K
R639	ERDS2TJ101	1/4W 100
R660-665	ERDS2TJ102	1/4W 1K
R697	ERDS2TJ102	1/4W 1K
R698	ERDS2TJ332	1/4W 3.3K
R699	ERDS2TJ102	1/4W 1K
R701, 702	ERD2FCVJ4R7T	1/4W 4.7 △
R703, 704	ERDS2TJ103	1/4W 10K
R705, 706	ERDS1FVJ391T	1/2W 390 △
R707	ERDS2TJ680T	1/4W 68
R708	ERDS2TJ562	1/4W 5.6K
R709, 710	ERDS1FVJ391T	1/2W 390 △
R711, 712	ERDS1FVJ331T	1/2W 330
R713	ERD2FCVJ4R7T	1/4W 4.7 △
R714	ERDS1FVJ221T	1/2W 220 △
R715	ERDS2TJ153	1/4W 15K
R716	ERDS2TJ472	1/4W 4.7K
R717	ERDS2TJ103	1/4W 10K
R718	ERDS2TJ221	1/4W 220
R723	ERD25FVJ4R7T	1/4W 4.7 △
R799	ERDS2TJ103	1/4W 10K
R801	ERDS2TJ392T	1/4W 3.9K
R803, 804	ERDS2TJ103	1/4W 10K
R805	ERDS2TJ562	1/4W 5.6K
R807	ERDS2TJ103	1/4W 10K
R808	ERDS2TJ392T	1/4W 3.9K
R809, 810	ERDS2TJ272T	1/4W 2.7K
R811	ERDS2TJ100	1/4W 10
R812	ERDS2TJ332	1/4W 3.3K
R813	ERDS2TJ103	1/4W 10K
R904	ERDS2TJ102	1/4W 1K
		CAPACITORS
C101, 102	ECBT1E223ZF	25V 0.022U
C103-106	ECBT1H102KB5	50V 1000P
C151	ECEA1CKA100B	16V 10U
C152	ECBT1H181KB5	50V 180P
C153	ECEA1HKA3R3B	50V 3.3U
C154	ECEA1CKA100B	16V 10U

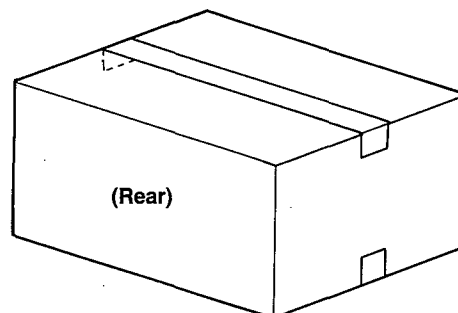
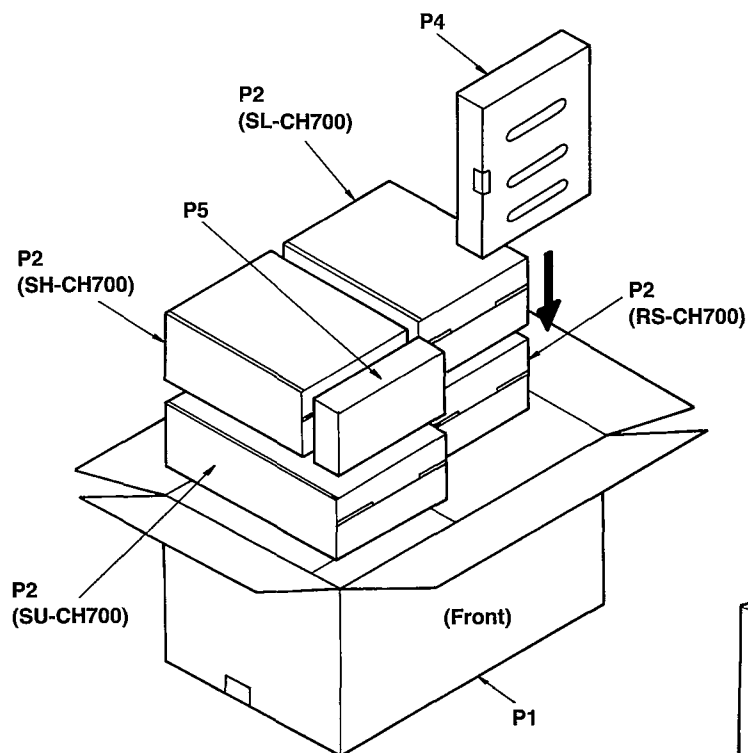
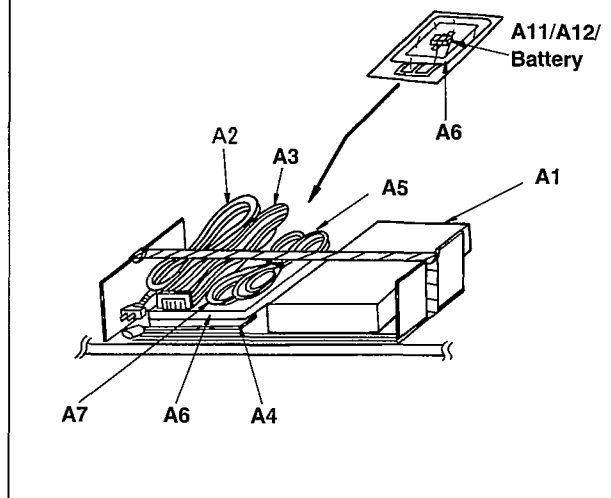
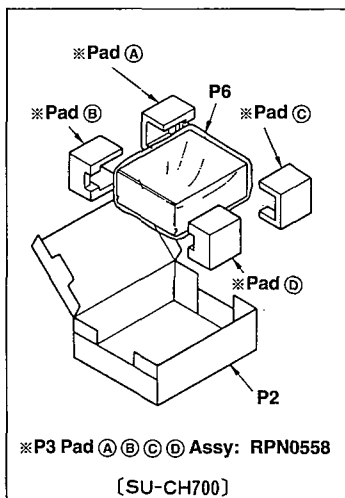
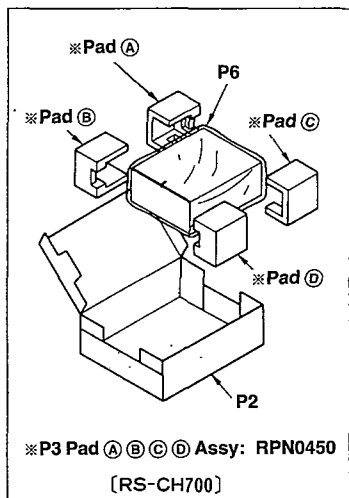
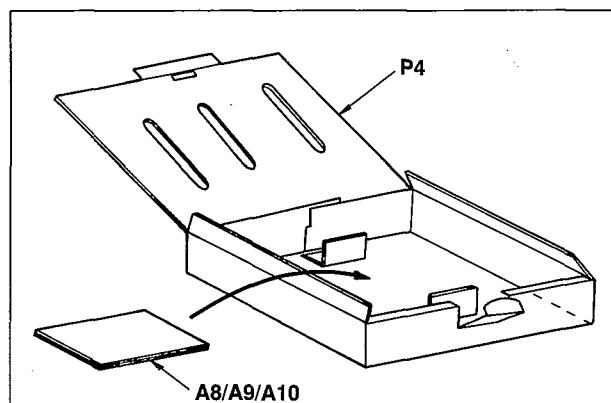
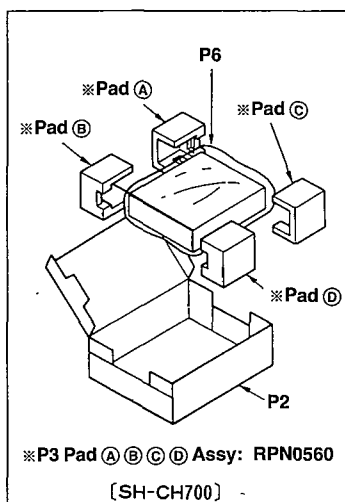
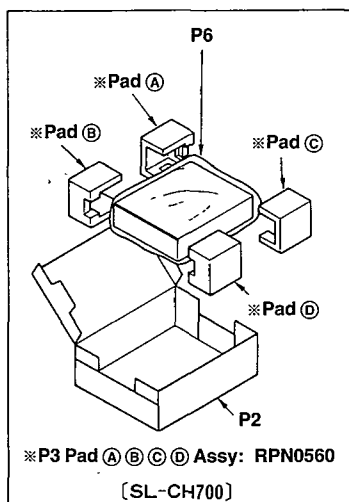
Ref. No.	Part No.	Values & Remarks
C155	ECBT1H221KB5	50V 220P
C156	ECEA1HKA3R3B	50V 3.3U
C157	ECBT1H221KB5	50V 220P
C159	ECBT1H102KB5	50V 1000P
C181, 182	ECBT1E103ZF	25V 0.01U
C198, 199	ECBT1H221KB5	50V 220P
C201, 202	ECBT1H101KB5	50V 100P
C203, 204	ECEA1HKA3R3B	50V 0.33U
C205, 206	ECEA1HKA3R3B	50V 3.3U
C207, 208	ECBT1H820KB5	50V 82P
C209, 210	ECEA1HKA3R3B	50V 0.33U
C211, 212	ECBT1H101KB5	50V 100P
C213, 214	ECEA1HKA3R3B	50V 3.3U
C215-218	ECBT1H101KB5	50V 100P
C219, 220	ECEA1CKA100B	16V 10U
C223, 224	ECEA1HKA15B	50V 0.15U
C231-234	ECQV1H34JZ3	50V 0.33U
C251	ECEA1CKA330B	16V 33U
C252	ECEA1CKA100B	16V 10U
C281-287	ECBT1E103ZF	25V 0.01U
C301, 302	ECEA1HKA3R3B	50V 3.3U
C303, 304	ECBT1H101KB5	50V 100P
C305, 306	ECBT1H30J5	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,		

■ 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)	
				P3	RPN0558	PAD (AMPLIFIER)	
				P3	RPN0450	PAD (DECK)	
				P3	RPN0560	PAD (CD/PROCESSOR)	
				P4	RPOF0029	ACCESSORY BOX	
				P5	RPQ0194	SPACER	
				P6	XZB45X50A01Z	PROTECTION COVER	
						ACCESSORIES	
				A1	RAK-SC514W	REMOTE CONTROLLER	
				A1-1	RK0020-K	BATTERY COVER	
				A2	RJA0019-1K	POWER CORD, AC	△ (E, EG)
				A2	SJA173	POWER CORD, AC	△ (GN)
				A2	SJA193	POWER CORD, AC	△ (EB)
				A2	RJA0004	POWER CORD, AC	△ (GC)
				A3	REX0402	FLAT CABLE	(E, EB, EG, GN)
				7-1	RKAD043	FOOT	
				A4	SJP2281	OPTICAL CABLE	
				8	RAN0154	HOLDER	
				9	RAN0155	HOLDER	
				10	RAN0158	HOLDER	
				A6-1	SMA233-1M	ANTENNA HOLDER	
				A6-2	XTN3+10AFZ	SCREW	
				A7	RSAD007	FM ANTENNA	(E, EB, EG)
				A7	RSAD006	FM ANTENNA	(GC, GN)
				A8	RQAD013	WARRANTY CARD	(E, EB, EG)
				A8	RQX74332A	WARRANTY CARD	(GN)
				A9	RQCB0169	SERVICENTOR LIST	
				A10	RFKSUCH700EK	INST. MANUAL	(E)
				A10	RQT1359-B	INST. MANUAL	(EB, GN)
				A10	RQT1360-D	INST. MANUAL	(EG)
				A10	RQT1367-G	INST. MANUAL	(GC)
				A11	SJP9009	ATTACHMENT PLUG	(EB)
				A12	SJP9215	AC PLUG ADAPTOR	△ (GC)
						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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