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Service Manual

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AD9906132C3

Service Manual

Tuner/Amplifier

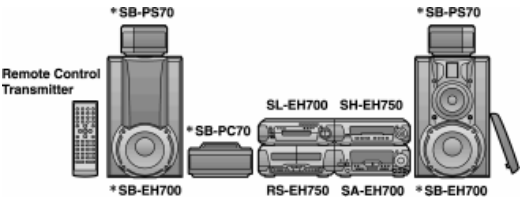
SA-EH700

Colour

(S).....Silver Type

Area

(GC).....Asia, Latin America, Middle East and Africa.



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

Specifications

Amplifier Section

Power output (at HIGH terminal):

DIN 1 kHz, THD 1 %, both channels driven; $2 \times 35 \text{ W (6 } \Omega \text{)}$

RMS 1 kHz, THD 10 %, both channels driven; $2 \times 50 \text{ W (6 } \Omega \text{)}$

Prologic mode (at HIGH terminal):

DIN 1 kHz, THD 1 %

MAIN (both channels driven); $2 \times 35 \text{ W (6 } \Omega \text{)}$

CENTER; $35 \text{ W (8 } \Omega \text{)}$

SURROUND; $2 \times 15 \text{ W (8 } \Omega \text{)}$

RMS 1 kHz, THD 10 %

MAIN (both channels driven); $2 \times 50 \text{ W (6 } \Omega \text{)}$

CENTER; $50 \text{ W (8 } \Omega \text{)}$

SURROUND; $2 \times 20 \text{ W (8 } \Omega \text{)}$

PMPO 1 kHz: $1,500 \text{ W}$
(MAIN 6 Ω , CENT. 8 Ω , SURR. 8 Ω)

Total harmonic distortion:

Rated power at 1 kHz; $1 \text{ % (6 } \Omega \text{)}$

Half power at 1 kHz; $0.1 \text{ % (6 } \Omega \text{)}$

Load impedance:

MAIN (HIGH/LOW); total impedance 6 Ω

CENTER; 8 Ω

SURROUND; 8 Ω

S.WOOFER:

Center frequency; 70 Hz

LEVEL (VOL-20 dB); MID +8 dB

MAX +12 dB

Notes: • Specifications are subject to change without notice.

• Weight and dimensions are approximate.

FM tuner Section

Frequency range:

87.50 – 108.00 MHz (0.05 MHz steps)

Sensitivity:

1.8 μV (IHF usable)

S/N 26 dB;

1.5 μV

S/N(MONO):

70 dB (75 dB, IHF)

Antenna terminal(s):

75 Ω (unbalanced)

AM tuner Section

Frequency range:

522 – 1629 kHz (9 kHz steps)

520 – 1630 kHz (10 kHz steps)

Sensitivity (S/N 20 dB):

500 $\mu\text{V/m}$

Timer Section

Clock:

Quartz - lock type

Function:

Play timer (1 time, daily), Rec timer (1 time, daily)

Sleep (120 min, 30 min intervals)

Setting (Play/Rec):

1 minute – 23 hours 59 minutes (1 min intervals)

General

Power supply:

AC 110/127/220/230 – 240 V, 50/60 Hz

Power consumption:

130 W

Standby;

Normal;

11 W

ECO mode;

1.0 W

Dimensions (W×H×D):

293×118.5×342.5 mm

Weight:

4.6 kg

• Total harmonic distortion is measured by the digital spectrum analyzer

* : Made in Singapore

System	SC-EH700V
Sound Processor	SH-EH750
Tuner/Amplifier	SA-EH700
CD Changer	SL-EH700
Cassette Deck	RS-EH750
Front Speakers*	SB-EH700
Center Speaker*	SB-PC70
Surround Speakers*	SB-PS70

1 Before Repair

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1. Turn off the power supply. Using a 10Ω, 10 W resistor, connect both ends of power supply capacitors (C701, C703 and C702, 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 should be shown below.

Power supply voltage	AC 110 V	AC 240
Consumed current 50 Hz	160-550 mA	80-270 mA

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2 Protection Circuitry

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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 functions 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 bellow:

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 ON again.

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3 Accessories

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AC power supply cord

(RJA0019-X).....1 pc.



AM loop antenna set

(RSA0022-J).....1 pc.



FM indoor antenna

(RSA0006).....1 pc.



Speaker cords

(REE0499).....2 pcs.

(REE0853).....2 pcs.



Power plug adaptor

(SJP5213-2).....1 pc.



Remote control transmitter

(RAK-EHA19WH).....1 pc.



Video connection cable

(RJL1P019B15).....1 pc.



Batteries

(UM-3, AA, R6/LR6).....2 pcs.

Note:

These are available on sales route.



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4 Operation

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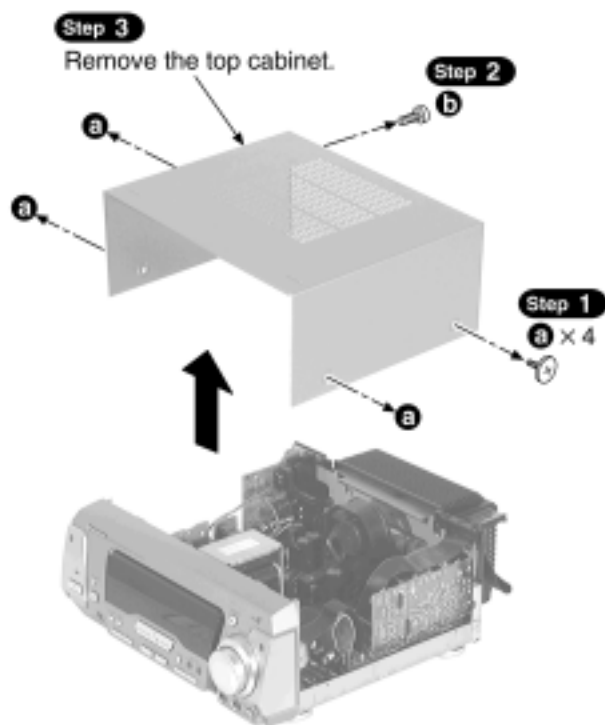
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5 Operation Checks and Component Replacement Procedures

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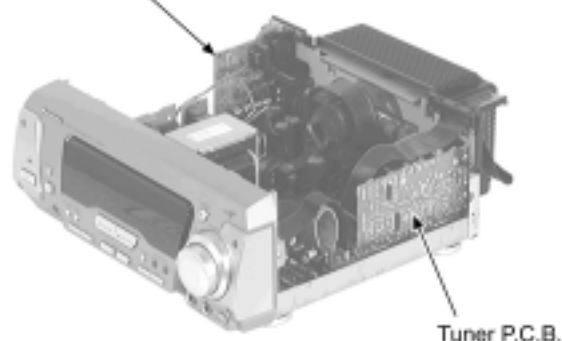
- NOTE**
1. This section describes procedures for checking the operation of the major printed circuit boards and replacing the main components.
 2. For reassembly after operation checks or replacement, reverse the respective procedures. Special reassembly procedures are described only when required.

1. Checking for the tuner P.C.B. and power supply P.C.B.



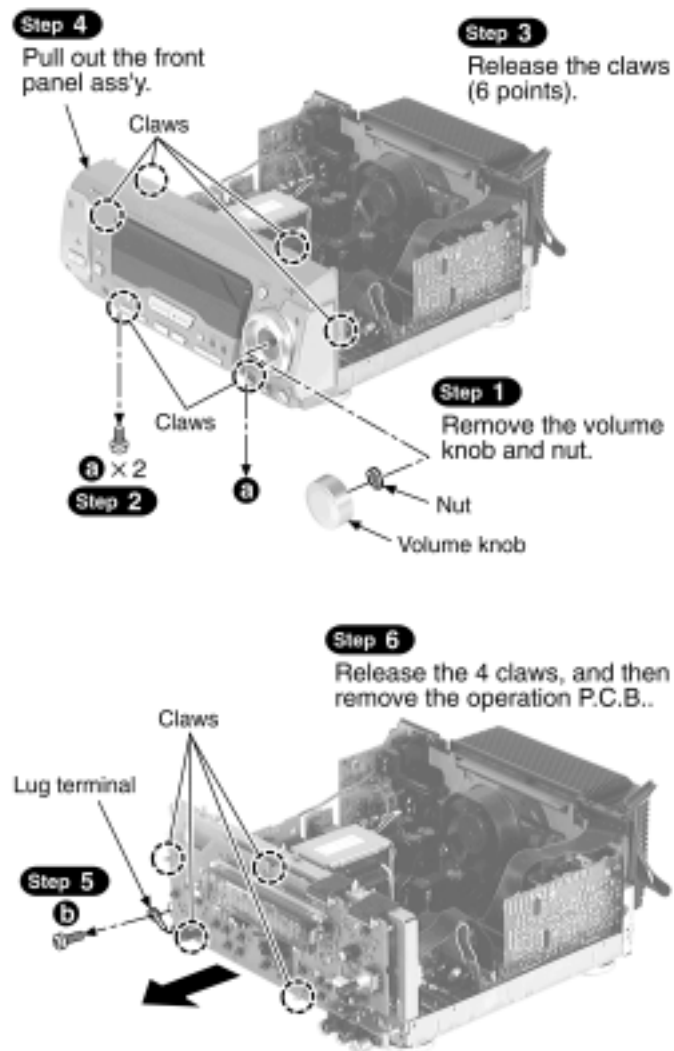
- Check the tuner P.C.B. and power supply P.C.B. as shown below.

Power supply P.C.B.

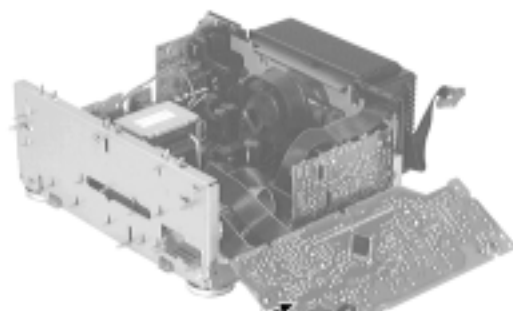


2. Checking for the operation P.C.B.

- Follow the Step 1 - Step 3 of the item 1.



- Check the operation P.C.B. as shown below.



Tuner P.C.B.

Operation P.C.B.

3. Checking for the main P.C.B.

- Follow the **Step 1** - **Step 3** of the item 1.
- Follow the **Step 1** - **Step 6** of the item 2.

Step 2
Remove the cable holder.

Step 1
 $a \times 8$

Step 3
Release the 2 claws, and then remove the rear grille ass'y.

Claws

Rear grille ass'y

Step 4
 $b \times 2$

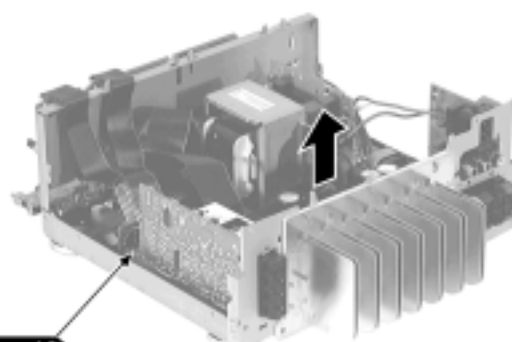
Step 5
c

Step 6
Remove the transistor holder.

Step 7
 $d \times 5$

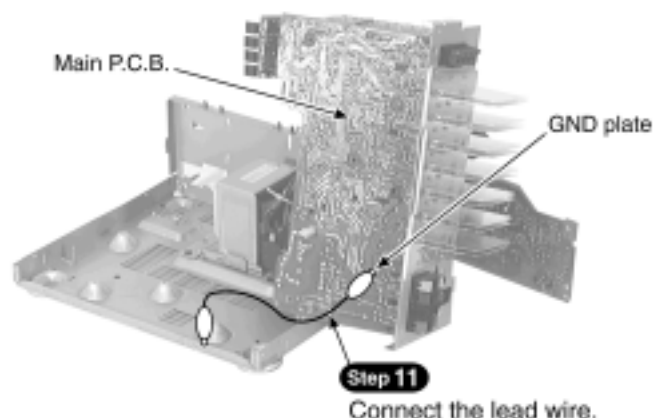
Step 9
Remove the fan motor ass'y.

Step 8
Remove the connector.



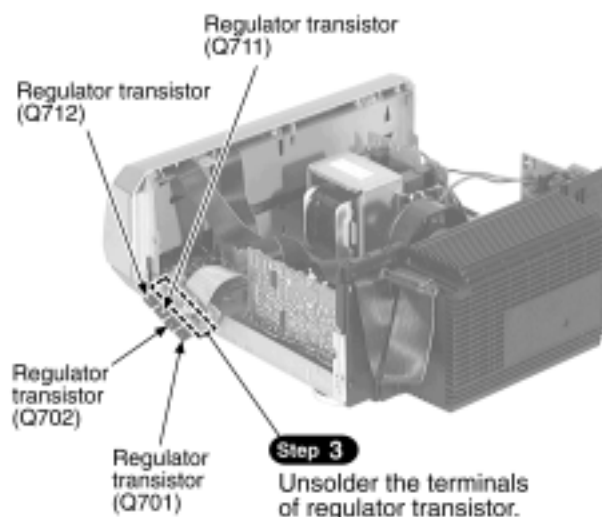
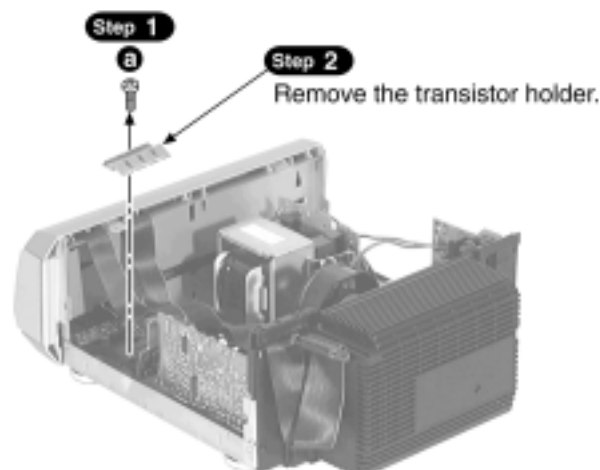
Step 10
Lift up the main P.C.B..

• Check the main P.C.B. as shown below.



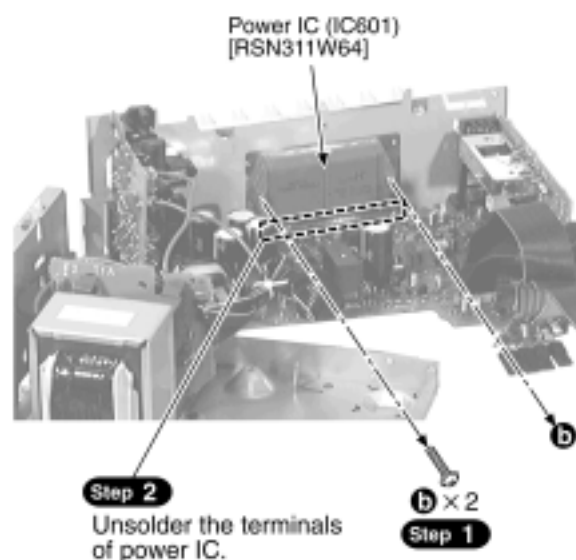
4. Replacement for the regulator transistor

• Follow the **Step 1** - **Step 3** of the item 1.



5. Replacement for the power IC

- Follow the **Step 1** - **Step 3** of the item 1.
- Follow the **Step 1** - **Step 6** of the item 2.
- Follow the **Step 1** - **Step 10** of the item 3.



NOTE

When mounting the power IC apply silicone compound (RFKX0002) to the rear side of power IC.



silicone compound (HT 100002) to the rear side of power IC.

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6 Self-Diagnostic Mode

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This unit is equipped with a self-diagnostic function which, in the event of a malfunction, automatically displays a code indicating the nature of the malfunction. Use this self-diagnostic function when servicing the unit.

Display method	Display location
To display the malfunction code U70 CD: U70 DECK: Automatically displays on the tuner/amplifier when a malfunction occurs. F61 Automatically displays on the tuner/amplifier when a malfunction occurs. To return to the normal display 1. For U70 CD/U70 DECK: - Press any operation button on the tuner/amplifier. - To re-display the code, switch the power off (POWER STANDBY button), and then switch power back on again. 2. For F61: - If "F61" is displayed, the power will automatically be switched off and the standby indicator will light up. "F61" will be displayed for 3 seconds, and then the clock will be displayed. - To re-display the code, switch the power on. "F61" will be re-displayed, and then after 3 seconds the clock will be displayed and the power will automatically switch off.	CD Changer (SL-EH700) Sound processor (SH-EH750) Cassette deck (RS-EH750) Tuner/Amplifier (SA-EH700) U70 CD U70 DECK

Display contents

Display code	Problem or condition	Correction procedure
U70 CD U70 DECK (displayed automatically)	A bus-line communications error has occurred as a result of the flat cables being inserted incorrectly, thus preventing the system from operating. 1. If "U70" is displayed on the tuner/amplifier, the tape deck or CD Changer cannot be operated by remote control.	Flat cable - To check for correct insertion of the flat cables. - Insert each connector until you hear a click. - Insert the flat cables at the back of the unit in the order indicated. Make sure the white side of the cable is on your right side. - Breakage of flat cable. (Check and replace as necessary.) - If the problem is not corrected by items (1.) and (2.) above, this indicates a faulty IC. SA-EH700: IC901 (LC8A524A5K01) SL-EH700: IC451 (M38067MC412F) RS-EH750: IC701 (M38503M2400F) Check these IC's and replace as necessary. White side
	When the power switch is switched on, it automatically switches back off, making it impossible to operate.	Faulty Tuner/Amplifier (SA-EH700) output IC (IC601). (When a DC voltage is applied to the analog terminals.)

		IC701 (M38503M2400F) Check these IC's and replace as necessary.
F61	When the power switch is switched on, it automatically switches back off, making it impossible to switch power on.	Faulty Tuner/Amplifier (SA-EH700) output IC (IC801). (When a DC voltage is applied to the speaker terminals.)

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7 Schematic Diagram

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[7.1 Schematic Diagram Notes](#)

[7.2 Schematic Diagram](#)

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7.1 Schematic Diagram Notes

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

Notes:

S701:

Voltage selector (VOLT ADJ)

S901:

Power Standby/on switch (/I)

S902:

ECO mode switch (ECO)

S903:

Clock/timer, demo switch (CLOCK/TIMER, -DEMO)

S904:

Play timer/Record timer switch (PLAY/REC)

S905:

FM mode select switch (FM AUTO/MONO)

S906:

Tuning mode select switch (TUNING MODE)

S907:

Set switch (SET)

S908:

Input source select switch (INPUT SELECTOR)

S910:

Tuning/time adjust/key adjust down switch (TUNING, DOWN, b)

S911:

Tuning/time adjust/key adjust up switch (TUNING, UP,#)

S912:

Tuner/band select switch (TUNER/BAND)

S913:

Super woofer switch (S.WOOFER)

S914, 915:

KARAOKE and echo (S914:KARAOKE, S915:ECHO) switch (KARAOKE, ECHO)

S916:

Key control on/off switch (KEY CON)

S917, 918:

Mic effect (S917:LOUNGE, S918:CHORUS) switch (MIC EFFECT, LOUNGE, CHORUS)

VR401:

Microphone volume control VR (MIC VOL)

VR901:

Volume control VR (VOLUME)

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.

No mark : FM

() : AM

Important safety notice:

Components identified by  mark have special characteristics important safety.

Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.

When replacing any of components, be sure to use only manufacturers specified parts shown in the parts list.

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.

:Positive voltage line

:Negative voltage line

:AM signal line

:AM OSC signal line

:FM signal line

:FM OSC signal line

:Center Sp.drive signal line

:Surround Sp.drive signal line

:Source signal line

:Mic signal line

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7.2 Schematic Diagram

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8 Printed Circuit Board Diagram

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This printed circuit board diagram may be modified at any time with the development of new technology.



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9 Wiring Connection Diagram

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10 Type Illustration of ICs, Transistors and Diodes

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11 Block Diagram

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12 Terminal Function of ICs

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IC901 (LC8A524A5K01) : System Control/FL drive

Pin No.	Terminal Name	I/O	Function
1	CHECK	O	Clock check signal output
2	LC72 DI	O	PLL data signal output for IC102
3	LC72 CE	O	Chip enable signal output for IC102
4	LC72 DO/ST	I	IF count data/ stereo detect signal input for IC102
5	LC72 CK	O	Clock signal output for IC102
6	SW LV1	O	LEVEL 1 signal output for IC502
7	SW LV2	O	LEVEL 2 signal output for IC502
8	SW MUT	O	Muting signal output for IC502
9	SEL TUNER	-	Tuner select signal output (Not used, open)
10	SEL/ TUNER	O	Tuner select signal output (L=Tuner)
11	AC IN	I	Power failure detect signal input
12	RESET	I	Reset signal input
13	X IN	I	Oscillator connected terminal (32.7 kHz)
14	X OUT	O	Oscillator connected terminal (32.7 kHz)
15	Vss	-	GND terminal
16	XC IN	I	Oscillator connected terminal (6 MHz)
17	XC OUT	O	Oscillator connected terminal (6 MHz)
18	VDD1	I	Power supply terminal
19	KEY TU	I	Operation key signal input (TUNER, TIMER, AMP. section)
20	KEY KARAOKE	I	Operation key signal input (KARAOKE section)
21	SH REQ	I	Request signal input for sound processor
22	NC (GND)	-	Not used, connected to GND
23	VR JOGB	I	Volume control signal input
24	VR JOGA	I	Volume control signal input

25	MIC DET	I	Microphone connecting detect signal input
26	HP SW	I	Headphones connecting detect signal input
27	RDS CLK	I	RDS clock signal input
28	RDS DATA	I	RDS data signal input
29	REMOCON	I	Remote control signal input
30 41	12G-1G	O	Grid signal output
42 45	P33-P30	O	Segment signal output
46	VDD3	I	Power supply terminal
47 50	P29-P26	O	Segment signal output
51	-VP	I	Power supply terminal (negative)
52 71	P25-P6	O	Segment signal output
72	VDD4	I	Power supply terminal
73 77	P5-P1	O	Segment signal output
78	REGIN0	I	Area select signal input
79	REGIN1	I	Area select signal input
80	STANDBY	O	LED (STAND BY) drive signal output
81	TIMER	O	LED (TIMER) drive signal output
82	S.W LED	O	LED (S.WOOFER) drive signal output
83	LOUNGE	O	LED (LOUNGE) drive signal output
84	CHORUS	O	LED (CHORUS) drive signal output
85	MUTE	O	Muting signal output
86	POWER	O	Power control signal output
87	/ECO	O	ECO signal output
88	NC	-	Not used, open
89	VSS2	-	GND terminal
90	VDD2	I	Power supply terminal

91 93	NC	-	Not used, open
94	SH CS	O	Chip select signal output to Sound processor
95	SH DO	O	Serial communication signal to Sound processor (Data signal output)
96	SH DI	I	Serial communication signal to Sound processor (Data signal input)
97	SH CK	I	Serial communication signal to Sound processor (Clock signal input)
98	E DET	I	Unusual condition detect terminal(L:Unusual)
99	CR TIMER	I/ O	TIME CONSTANT terminal
100	SD	I	Station detector signal input for tuner circuit

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13 Replacement Parts List

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Notes:

Important safety notice:

Components identified by  mark have special characteristics important for safety.

Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.

When replacing any of components, be sure to use only manufactures specified parts shown in the parts list.

The<IA> mark in Remarks indicates language of instruction manual.

<IA> : English, Chinese

The marking (RTL) indicates that Retention Time is limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availabilityis dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

All parts are supplied by MESA.

Ref. No.	Part No.	Part Name& Description	Pcs.	Remarks
<u>1</u>	RKM0395A-S	TOP CABINET	1	
<u>2</u>	RHD30007-S	SCREW	4	
<u>3</u>	XTBS3+10JFZ1	SCREW	1	
<u>4</u>	REX0967	WIRE ASSY	1	
<u>5</u>	RMZ0339	ZNR COVER	1	
<u>6</u>	RGW0317-S	KNOB,VOLUME	1	
<u>7</u>	RHN90001	NUT	1	
<u>8</u>	RKA0106-N	FOOT RING	4	

<u>9</u>	RKF0589J-K	BACK COVER	1	
<u>10</u>	RKW0581-V	FL WINDOW	1	
<u>11</u>	RMN0427	CABLE HOLDER	1	
<u>12</u>	RLBT4001-N	FERRITE CORE	1	
<u>13</u>	RYP0915L-S	FRONT PANEL	1	
<u>13-1</u>	RGB0022-A	PANASONIC BADGE	1	
<u>14</u>	SHG1654	RUBBER	4	
<u>15</u>	XTB3+10JFZ	SCREW	11	
<u>16</u>	XTB3+8JFZ	SCREW	10	
<u>17</u>	XTW3+15T	SCREW	2	
<u>18</u>	XTBS3+8JFZ1	SCREW	2	
<u>19</u>	RGN1727-K	NAME PLATE	1	
<u>20</u>	REM0057	FAN UNIT	1	
<u>21</u>	RGW0178-S	KNOB,MIC	1	
<u>22</u>	XTWS3+8T	SCREW	1	
<u>23</u>	XTB3+8FFZ	SCREW	1	
<u>A1</u>	RAK-EHA19WH	REMOTE CONT.TRANSMITTER	1	
<u>A1-1</u>	RKK0123-H	BATTERY COVER	1	
<u>A2</u>	REE0499	SPEAKER CORD	2	
<u>A3</u>	REE0853	SPEAKER CORD	2	
<u>A4</u>	RJA0019-X	AC POWER SUPPLY CORD	1	
<u>A5</u>	RJL1P019B15	PIN CORD	1	
<u>A6</u>	RQCA0570	CD CAUTION	1	
<u>A7</u>	RQCB0169	SERVICE CENTER LIST	1	
<u>A8</u>	RQT5048-K	OPERATING INSTRUCTIONS	1	<1A>
<u>A9</u>	RSA0006	FM INDOOR ANTENNA	1	
<u>A10</u>	RSA0022-J	AM LOOP ANTENNA	1	
<u>A11</u>	SJP5213-2	PLUG ADAPTOR	1	
C101	ECBT1C103NS5	16V 0.01U	1	
C102	RCE1CKA100BG	16V 10U	1	
C103	ECBT1C103NS5	16V 0.01U	1	
C104	ECBT1H102KB5	50V 1000P	1	

C106	ECBT1C103NS5	16V 0.01U	1	
C107	ECBT1H473ZF5	50V 0.047U	1	
C108	ECBT1H8R2KC5	50V 8.2P	1	
C109	ECBT1H102KB5	50V 1000P	1	
C110	ECBT1C103NS5	16V 0.01U	1	
C111	ECEA1EKS4R7	25V 4.7U	1	
C112	ECBT1C103NS5	16V 0.01U	1	
C113	ECBT1H102KB5	50V 1000P	1	
C114	RCE1HKA3R3BG	50V 3.3U	1	
C115	ECEA1EKS4R7	25V 4.7U	1	
C116	ECFR1C333KR	16V 0.033U	1	
C117,18	ECFR1C183KR	16V 0.018U	2	
C119	ECQB1H561JF3	50V 560P	1	
C120	RCE1CKA100BG	16V 10U	1	
C121	RCE1HKAR47BG	50V 0.47U	1	
C122,23	ECEA1HKS010	50V 1U	2	
C124	ECBT1H101KB5	50V 100P	1	
C125	ECEA1CKS220	16V 22U	1	
C126	ECBT1H473ZF5	50V 0.047U	1	
C127	ECEA1CKS220	16V 22U	1	
C129,30	ECEA0JKS101	6.3V 100U	2	
C131	ECBT1H101KB5	50V 100P	1	
C132	ECBT1H102KB5	50V 1000P	1	
C133,34	ECBT1H270JU5	50V 27P	2	
C136	ECBT1H102KB5	50V 1000P	1	
C137	ECFR1E472KR	25V 4700P	1	
C138	ECBT1C103KS5	16V 0.01U	1	
C139	ECFR1E472KR	25V 4700P	1	
C141,42	ECEA1HKS010	50V 1U	2	
C143,44	ECBT1C472KR5	16V 4700P	2	
C147	ECBT1H102KB5	50V 1000P	1	
C148	ECBT1C103NS5	16V 0.01U	1	
C149	ECBT1H104ZF5	50V 0.1U	1	
C371	ECEA0JKS101	6.3V 100U	1	
C395,96	ECBT1H473ZF5	50V 0.047U	2	
C401	ECBT1H102KB5	50V 1000P	1	
C403	ECBT1C472KR5	16V 4700P	1	

C404	RCE1HKA3R3BG	50V 3.3U	1	
C405	ECBT1H471KB5	50V 470P	1	
C406	ECEA1EKS4R7	25V 4.7U	1	
C407	ECBT1E103ZF	25V 0.01U	1	
C408	ECBT1H223KB5	50V 0.022U	1	
C409	ECEA1HKS010	50V 1U	1	
C410	ECEA1CKS100	16V 10U	1	
C411	ECBT1H101KB5	50V 100P	1	
C412	ECBT1H102KB5	50V 1000P	1	
C413	ECEA1HKS010	50V 1U	1	
C414	RCE1AM102BV	10V 1000U	1	
C415	ECEA1HKS010	50V 1U	1	
C416	RCE1CKA100BG	16V 10U	1	
C417	ECBT1C472KR5	16V 4700P	1	
C509,10	ECBT1E103ZF	25V 0.01U	2	
C521	ECQV1H473JM3	50V 0.047U	1	
C522	ECQV1H683JZ3	50V 0.068U	1	
C523,24	ECBT1H101KB5	50V 100P	2	
C525	ECQV1H563JM3	50V 0.056U	1	
C526	ECQV1H683JZ3	50V 0.068U	1	
C527,28	ECBT1H101KB5	50V 100P	2	
C529,30	RCE1CKA100BG	16V 10U	2	
C531	ECQV1H823JZ	50V 0.082U	1	
C532	ECBT1E103ZF	25V 0.01U	1	
C533	ECEA1EKS4R7	25V 4.7U	1	
C534	RCE1AKA330BG	10V 33U	1	
C535	ECQV1H683JZ3	50V 0.068U	1	
C536	ECQV1H393JM3	50V 0.039U	1	
C537	ECBT1H104KB5	50V 0.1U	1	
C538	ECQV1H154JM3	50V 0.15U	1	
C539	ECBT1C472KR5	16V 4700P	1	
C540,41	ECEA0JKS470	6.3V 47U	2	
C542	ECBT1E103ZF	25V 0.01U	1	
C550	ECBT1C103NS5	16V 0.01U	1	
C551	ECEA1HKS2R2	50V 2.2U	1	
C552	ECBT1E103ZF	25V 0.01U	1	
C554	ECEA1AKS221	10V 220U	1	

C555,56	ECEA1CKN100B	16V 10U	2	
C559	ECBT1C103NS5	16V 0.01U	1	
C561,62	ECQV1H823JZ	50V 0.082U	2	
C563	ECEA0JKS101	6.3V 100U	1	
C564	RCE1CKA100BG	16V 10U	1	
C601,02	RCE1CKA100BG	16V 10U	2	
C603,04	ECBT1H471KB5	50V 470P	2	
C605,06	ECBT1H102KB5	50V 1000P	2	
C607,08	ECBT1H471KB5	50V 470P	2	
C609,10	ECBT1H220JC5	50V 22P	2	
C611,12	ECBT1H150JC5	50V 15P	2	
C613,14	ECBT1H220JC5	50V 22P	2	
C615	ECKR1H103ZF5	50V 0.01U	1	
C616	ECEA1HKNR47B	50V 0.47U	1	
C617,18	ECKR2H103ZU	500V 0.01U	2	
C619	ECBT1E103ZF	25V 0.01U	1	
C620,21	ECQV1H473JM3	50V 0.047U	2	
C622	ECA1HM101	50V 100U	1	
C624-27	ECQV1H473JM3	50V 0.047U	4	
C629	RCE1CKA100BG	16V 10U	1	
C631,32	ECBT1H473ZF5	50V 0.047U	2	
C633,34	ECBT1H102KB5	50V 1000P	2	
C635,36	ECBT1H473ZF5	50V 0.047U	2	
C637-44	ECBT1H102KB5	50V 1000P	8	
C645,46	ECBT1H473ZF5	50V 0.047U	2	
C647-50	ECBT1H102KB5	50V 1000P	4	
C651	ECBT1H473ZF5	50V 0.047U	1	
C652-54	ECBT1H102KB5	50V 1000P	3	
C701,02	ECA1VM562E	35V 5600U	2	
C703,04	ECA1VM472E	35V 4700U	2	
C706	RCE1VKA100BG	35V 10U	1	
C707	ECBT1E103ZF	25V 0.01U	1	
C709	ECBT1H104ZF5	50V 0.1U	1	
C710	ECBT1E103ZF	25V 0.01U	1	
C714	ECBT1H102KB5	50V 1000P	1	
C715	ECA1EM472	25V 4700U	1	
C717	ECEA1CKS330	16V 33U	1	

C718	RCE1AKA101BG	10V 100U	1	
C719	ECBT1E103ZF	25V 0.01U	1	
C720	ECBT1H473KB5	50V 0.047U	1	
C721,22	RCE1AKA101BG	10V 100U	2	
C723	ECBT1H473KB5	50V 0.047U	1	
C731	ECBT1H102KB5	50V 1000P	1	
C732	ECBT1E223ZF	25V 0.022U	1	
C733	ECBT1E103ZF	25V 0.01U	1	
C734	RCE1HKA3R3BG	50V 3.3U	1	
C737	ECA1HM101	50V 100U	1	
C740	RCE1CKA100BG	16V 10U	1	
C741	ECQE1104KF3	100V 0.1U	1	
C753	ECKR1H103ZF5	50V 0.01U	1	
C755,56	RCE1CM102BV	16V 1000U	2	
C757	ECBT1H102KB5	50V 1000P	1	
C758	ECBT1E103ZF	25V 0.01U	1	
C759	RCE1AKA470BG	10V 47U	1	
C761	ECQE1104KF3	100V 0.1U	1	
C762	ECEA1CKS220	16V 22U	1	
C791	ECKWRS102MBC	250V 1000P	1	
C901	ECBT1H102KB5	50V 1000P	1	
C902	RCE1AM102BV	10V 1000U	1	
C903,04	ECBT1E103ZF	25V 0.01U	2	
C907,08	ECBT1H471KB5	50V 470P	2	
C909	ECBT1H102KB5	50V 1000P	1	
C910	ECBT1H200JC5	50V 20P	1	
C911	ECBT1H180J5	50V 18P	1	
C912	ECBT1H104ZF5	50V 0.1U	1	
C913	RCE1CKA100BG	16V 10U	1	
C914	ECEA1HKS2R2	50V 2.2U	1	
C915	ECBT1E103ZF	25V 0.01U	1	
C916	EEAFC0J101B	6.3V 100	1	
C917	ECBT1E103ZF	25V 0.01U	1	
C918	ECEA0JKS101	6.3V 100U	1	
C919,20	RCE1HKA4R7BG	50V 4.7U	2	
C921	ECBT1H102KB5	50V 1000P	1	
C922	ECEA1VKA330B	35V 33U	1	

C923,24	ECBT1H104ZF5	50V 0.1U	2	
C925,26	ECBT1H102KB5	50V 1000P	2	
C927,28	RCE1HKA4R7BG	50V 4.7U	2	
CF201 02	RLFFETWN01DD	CERAMIC FILTER	2	
CN101B 2B	RJU100W07	CONNECTOR(7P)	2	
CN601	RJU057W012	CONNECTOR(12P)	1	
CN701-10	RJS1A1101T1	CONNECTOR(1P)	10	
CN714-20	RJS1A1101T1	CONNECTOR(1P)	7	
CN751	RJP1A4103	CONNECTOR(3P)	1	
CN904	RJS4T5ZA	CONNECTOR(4P)	1	
CP101B 2B	RJT100W07	CONNECTOR(7P)	2	
CP601	RJT057W012-1	CONNECTOR(12P)	1	
D101	MA4051M	DIODE	1	
D306	LNJ801TPSJAD	LED	1	
D500-04	MA165	DIODE	5	
D551,52	MA165	DIODE	2	
D553	MA700TA	DIODE	1	
D554	MA165	DIODE	1	
D555	MA4100M	DIODE	1	
D558	MA165	DIODE	1	
D559,60	MA4020LTA	DIODE	2	
D562,63	MA165	DIODE	2	
D601,02	SB360L6508	DIODE	2	
D607	1SS291TA	DIODE	1	
D657,58	MA165	DIODE	2	
D701-04	1N5402BF	DIODE	4	
D705	RL1N4003N02	DIODE	1	
D711	RL1N4003N02	DIODE	1	
D715	MA165	DIODE	1	
D717-20	RL1N4003N02	DIODE	4	
D721	MA4270M	DIODE	1	
D723	MA4150M	DIODE	1	
D725	MA4082LTA	DIODE	1	

D730	MA4091H	DIODE	1	
D736	MA165	DIODE	1	
D737	MA4082LTA	DIODE	1	
D738,39	MA165	DIODE	2	
D741,42	RL1N4003N02	DIODE	2	
D745	MA4051M	DIODE	1	
D746	RL1N4003N02	DIODE	1	
D747	MA4075LTA	DIODE	1	
D748,49	MA165	DIODE	2	
D750	1SS291TA	DIODE	1	
D751,52	1N5402BF	DIODE	2	
D753-55	RL1N4003N02	DIODE	3	
D756,57	MA700TA	DIODE	2	
D758	MA165	DIODE	1	
D901,02	1SS291TA	DIODE	2	
D903,04	MA165	DIODE	2	
D905	1SS291TA	DIODE	1	
D908	LNJ301MPUJAD	LED	1	
D915	1SS291TA	DIODE	1	
D935	MA165	DIODE	1	
D951-53	LNJ301MPUJAD	LED	3	
D954	LNJ401NPYJA	LED	1	
D974	MA165	DIODE	1	
F1	XBA2C20TB0	FUSE	1	
F2	XBA2C10TB0	FUSE	1	
FC1-C4	EYF52BC	FUSE HOLDER	4	
FL901	RSL0285-F	FL	1	
IC101	LA1833MN-TLM	IC	1	
IC102	LC72131MDTLM	IC	1	
IC401	TA2011S	IC	1	
IC502	M62456FPE1	IC	1	
IC601	RSN311W64-P	IC	1	
IC901	LC8A524A5K01	IC	1	

JK101	RJH5404M	JACK,ANTENNA	1	
JK551	SJT3213	JACK,FAN MOTOR	1	
JK601	RJR0054B	JACK,SPEAKER	1	
JK602	RJR0054C	JACK,SPEAKER	1	
JK603	RJH2308	JACK	1	
JK701	SJS9236	JACK,AC INLET	1	
JK901 02	RJJ65MA01	JACK,MIC	2	
JK903	RJJ37TN02-C	JACK,HEADPHONE	1	
L101,02	ELESNR68MA	COIL	2	
L103	ELEXTR47MA9	COIL	1	
L601-06	RLQYR73MW1-0	COIL	6	
L701	RLQZ371	COIL	1	
L901	RLQA100JT-Y	COIL	1	
L902	RLQZP1R0KT-Y	COIL	1	
<u>P1</u>	RPF0139	PROTECTION COVER	1	
<u>P2</u>	RPG4397	PACKING CASE(RS)	1	
<u>P2</u>	RPG4396	PACKING CASE(SA)	1	
<u>P2</u>	RPG4398	PACKING CASE(SH)	1	
<u>P2</u>	RPG4399	PACKING CASE(SL)	1	
<u>P3</u>	RPN1195-2	PAD(RS)	1	
<u>P3</u>	RPN1194	PAD(SA)	1	
<u>P3</u>	RPN1196	PAD(SH)	1	
<u>P3</u>	RPN1197	PAD(SL)	1	
<u>P4</u>	RPG4500	PACKING CASE(SYSTEM)	1	
<u>P5</u>	RPQ0951	PAD(SYSTEM)	1	
<u>P6</u>	SPP740-1	SHEET	1	
PCB1	REP2592B-T	TUNER P.C.B.	1	(RTL)
PCB2	REP2845A-P	BATTERY P.C.B.	1	(RTL)
PCB3	REP2861A-M	MAIN P.C.B.	1	(RTL)
Q101	2SC2787FK	TRANSISTOR	1	
Q106	UN4111	TRANSISTOR	1	

Q401	2SC5398RSTA	TRANSISTOR	1	
Q503	2SC3327A	TRANSISTOR	1	
Q551	2SA1995RSTA	TRANSISTOR	1	
Q553	2SC3327A	TRANSISTOR	1	
Q554	2SA1995RSTA	TRANSISTOR	1	
Q555	2SC3327A	TRANSISTOR	1	
Q556	2SC5398RSTA	TRANSISTOR	1	
Q557	2SA1995RSTA	TRANSISTOR	1	
Q558	UN4211	TRANSISTOR	1	
Q601,02	2SC5398RSTA	TRANSISTOR	2	
Q701	2SD2374PQAU	TRANSISTOR	1	
Q702	2SB1548PQAU	TRANSISTOR	1	
Q703,04	2SD2137PQTA	TRANSISTOR	2	
Q705	2SA1995RSTA	TRANSISTOR	1	
Q706	UN4211	TRANSISTOR	1	
Q707	2SB621A-R	TRANSISTOR	1	
Q708	UN4211	TRANSISTOR	1	
Q709	2SC3327A	TRANSISTOR	1	
Q711,12	2SB1548PQAU	TRANSISTOR	2	
Q723	2SC3940AQSTA	TRANSISTOR	1	
Q725	2SC5398RSTA	TRANSISTOR	1	
Q726	2SC3940AQSTA	TRANSISTOR	1	
Q727	2SC5398RSTA	TRANSISTOR	1	
Q791	2SC3327A	TRANSISTOR	1	
Q901	UN4212TA	TRANSISTOR	1	
Q906	UN4111	TRANSISTOR	1	
R102	ERDS2FJ472	1/4W 4.7K	1	
R103	ERDS2FJ271	1/4W 270	1	
R104	ERDS2FJ102	1/4W 1K	1	
R105	ERDS2FJ471	1/4W 470	1	
R106	ERDS2FJ474	1/4W 470K	1	
R107	ERDS2FJ331	1/4W 330	1	
R110	ERDS2FJ102	1/4W 1K	1	
R111	ERDS2FJ391	1/4W 390	1	
R112	ERDS2FJ104	1/4W 100K	1	

R113	ERDS2FJ103	1/4W 10K	1	
R114	ERDS2FJ562	1/4W 5.6K	1	
R115	ERDS2FJ561	1/4W 560	1	
R116	ERDS2FJ102	1/4W 1K	1	
R117	ERDS2FJ473	1/4W 47K	1	
R118	ERDS2FJ332	1/4W 3.3K	1	
R119	ERDS2FJ682	1/4W 6.8K	1	
R120	ERDS2FJ473	1/4W 47K	1	
R121	ERDS2FJ223	1/4W 22K	1	
R122	ERDS2FJ272	1/4W 2.7K	1	
R123	ERDS2FJ683	1/4W 68K	1	
R124	ERDS2FJ271	1/4W 270	1	
R125	ERDS2FJ471	1/4W 470	1	
R126	ERDS2FJ152	1/4W 1.5K	1	
R127	ERDS2FJ471	1/4W 470	1	
R128	ERDS2FJ820	1/4W 82	1	
R129	ERDS2FJ273	1/4W 27K	1	
R130	ERDS2FJ103	1/4W 10K	1	
R131	ERDS2FJ680	1/4W 68	1	
R132	ERDS2FJ103	1/4W 10K	1	
R133	ERDS2FJ102	1/4W 1K	1	
R134	ERDS2FJ471	1/4W 470	1	
R135-37	ERDS2FJ102	1/4W 1K	3	
R138	ERDS2FJ332	1/4W 3.3K	1	
R141,42	ERDS2FJ102	1/4W 1K	2	
R143	ERDS2FJ223	1/4W 22K	1	
R145,46	ERDS2FJ104	1/4W 100K	2	
R229,30	ERDS2FJ102	1/4W 1K	2	
R289,90	ERDS2FJ563	1/4W 56K	2	
R401,02	ERDS2FJ681	1/4W 680	2	
R403	ERDS2FJ223	1/4W 22K	1	
R404	ERDS2FJ471	1/4W 470	1	
R405	ERDS2FJ472	1/4W 4.7K	1	
R406	ERDS2FJ474	1/4W 470K	1	
R407	ERDS2FJ472	1/4W 4.7K	1	
R409	ERDS2FJ472	1/4W 4.7K	1	
R410	ERDS2FJ222	1/4W 2.2K	1	

R411	ERDS2FJ331	1/4W 330	1	
R412	ERDS2FJ105	1/4W 1M	1	
R415	ERDS2FJ471	1/4W 470	1	
R416	ERDS2FJ331	1/4W 330	1	
R421	ERDS2FJ223	1/4W 22K	1	
R509-12	ERDS2FJ470	1/4W 47	4	
R521	ERDS2FJ433	1/4W 43K	1	
R522	ERDS2FJ333	1/4W 33K	1	
R523,24	ERDS2FJ153	1/4W 15K	2	
R525,26	ERDS2FJ333	1/4W 33K	2	
R527,28	ERDS2FJ101	1/4W 100	2	
R529	ERDS2FJ223	1/4W 22K	1	
R530	ERDS2FJ273	1/4W 27K	1	
R531	ERDS2FJ274	1/4W 270K	1	
R532	ERDS2FJ153	1/4W 15K	1	
R533	ERDS2FJ822	1/4W 8.2K	1	
R534,35	ERDS2FJ823	1/4W 82K	2	
R538	ERDS2FJ273	1/4W 27K	1	
R539	ERDS2FJ824	1/4W 820K	1	
R542,43	ERDS2FJ472	1/4W 4.7K	2	
R544	ERDS2FJ103	1/4W 10K	1	
R545	ERDS2FJ222	1/4W 2.2K	1	
R551	ERDS2FJ183	1/4W 18K	1	
R552	ERDS2FJ473	1/4W 47K	1	
R555	ERDS2FJ223	1/4W 22K	1	
R556	ERDS2FJ104	1/4W 100K	1	
R557	ERDS2FJ103	1/4W 10K	1	
R558	ERDS2FJ102	1/4W 1K	1	
R559	ERDS2FJ472	1/4W 4.7K	1	
R560,61	ERDS2FJ104	1/4W 100K	2	
R563,64	ERDS2FJ272	1/4W 2.7K	2	
R566	ERDS2FJ683	1/4W 68K	1	
R567	ERG1SJ220	1W 22	1	
R568	ERDS2FJ101	1/4W 100	1	
R569	ERDS2FJ103	1/4W 10K	1	
R570	ERDS2TJ225	1/4W 2.2M	1	
R571	ERDS2FJ562	1/4W 5.6K	1	

R572	ERDS2FJ153	1/4W 15K	1	
R591	ERDS2FJ472	1/4W 4.7K	1	
R597,98	ERDS2FJ102	1/4W 1K	2	
R601,02	ERDS2FJ472	1/4W 4.7K	2	
R603,04	ERDS2FJ682	1/4W 6.8K	2	
R605,06	ERDS2FJ472	1/4W 4.7K	2	
R607-12	ERDS2FJ563	1/4W 56K	6	
R613	ERDS2FJ183	1/4W 18K	1	
R614	ERDS2FJ472	1/4W 4.7K	1	
R615	ERDS2FJ103	1/4W 10K	1	
R616	ERDS2FJ563	1/4W 56K	1	
R617,18	ERDS2FJ472	1/4W 4.7K	2	
R619,20	ERDS2FJ124	1/4W 120K	2	
R621	ERDS2FJ154	1/4W 150K	1	
R622,23	ERDS2FJ124	1/4W 120K	2	
R624	ERDS2FJ154	1/4W 150K	1	
R627	ERDS2FJ474	1/4W 470K	1	
R628	ERDS2FJ223	1/4W 22K	1	
R637	ERDS2FJ153	1/4W 15K	1	
R638	ERDS2FJ683	1/4W 68K	1	
R639,40	ERDS1FJ100	1/2W 10	2	
R641,42	ERD2FCG100	1/4W 10	2	
R643,44	ERDS1FJ100	1/2W 10	2	
R645,46	ERD2FCG100	1/4W 10	2	
R647,48	ERDS2FJ2R2	1/4W 2.2	2	
R649,50	ERDS1FJ100	1/2W 10	2	
R651,52	ERD2FCG100	1/4W 10	2	
R662	ERDS2FJ473	1/4W 47K	1	
R703-05	ERG1SJ272E	1W 2.7K	3	
R707	ERD2FCJ4R7	1/4W 4.7	1	
R708	ERDS2FJ472	1/4W 4.7K	1	
R712	ERDS2FJ472	1/4W 4.7K	1	
R719	ERDS2FJ332	1/4W 3.3K	1	
R720	ERDS2FJ272	1/4W 2.7K	1	
R721	ERD2FCJ4R7	1/4W 4.7	1	
R722	ERQ16NKW2R2E	1/6W 2.2	1	

R723	ERDS2FJ562	1/4W 5.6K	1	
R724	ERDS2FJ392	1/4W 3.9K	1	
R725	ERDS2FJ100	1/4W 10	1	
R727	ERDS2FJ392	1/4W 3.9K	1	
R729	ERDS2FJ221	1/4W 220	1	
R738	ERDS2FJ392	1/4W 3.9K	1	
R739	ERDS2FJ473	1/4W 47K	1	
R749	ERDS2FJ102	1/4W 1K	1	
R753	ERD16TJ000T	1/4W 0	1	
R754	ERDS2FJR47	1/4W 0.47	1	
R763	ERDS2FJ472	1/4W 4.7K	1	
R764	ERDS2FJ331	1/4W 330	1	
R765	ERDS1FJ221	1/2W 220	1	
R766	ERDS1FJ470	1/2W 47	1	
R767	ERDS2FJ4R7	1/4W 4.7	1	
R768	ERDS2FJ101	1/4W 100	1	
R771	ERDS2FJ122	1/4W 1.2K	1	
R772	ERDS2FJ223	1/4W 22K	1	
R773	ERDS1FJ470	1/2W 47	1	
R774	ERDS1FJ270	1/2W 27	1	
R775	ERDS2FJ824	1/4W 820K	1	
R776	ERDS2FJ103	1/4W 10K	1	
R777	ERDS2FJ182	1/4W 1.8K	1	
R779	ERDS1FJ470	1/2W 47	1	
R780	ERDS2FJ103	1/4W 10K	1	
R791,92	RSFMB40KT-L	FUSE PROTECTOR	2	
R793	ERDS2FJ1R0	1/4W 1	1	
R794	ERDS2FJ473	1/4W 47K	1	
R795	ERDS2FJ392	1/4W 3.9K	1	
R796,97	ERDS2FJ2R2	1/4W 2.2	2	
R798	ERX1SJ6R8	1W 6.8	1	
R799	ERX1SJ6R8	1W 6.8	1	
R901	ERDS2FJ821	1/4W 820	1	
R902	ERDS2FJ102	1/4W 1K	1	
R903	ERDS2FJ122	1/4W 1.2K	1	
R904	ERDS2FJ152	1/4W 1.5K	1	

R905	ERDS2FJ182	1/4W 1.8K	1	
R906	ERDS2FJ222	1/4W 2.2K	1	
R907	ERDS2FJ332	1/4W 3.3K	1	
R908	ERDS2FJ472	1/4W 4.7K	1	
R909	ERDS2FJ182	1/4W 1.8K	1	
R910	ERDS2FJ222	1/4W 2.2K	1	
R911	ERDS2FJ332	1/4W 3.3K	1	
R912	ERDS2FJ472	1/4W 4.7K	1	
R913	ERDS2FJ821	1/4W 820	1	
R914	ERDS2FJ102	1/4W 1K	1	
R915	ERDS2FJ122	1/4W 1.2K	1	
R916	ERDS2FJ152	1/4W 1.5K	1	
R918	ERDS2FJ103	1/4W 10K	1	
R919	ERDS2FJ153	1/4W 15K	1	
R921,22	ERDS2FJ103	1/4W 10K	2	
R923	ERDS2FJ223	1/4W 22K	1	
R924,25	ERDS2FJ102	1/4W 1K	2	
R926	ERDS2FJ222	1/4W 2.2K	1	
R928	ERDS2FJ473	1/4W 47K	1	
R929-32	ERDS2FJ102	1/4W 1K	4	
R933	ERDS2FJ471	1/4W 470	1	
R934-36	ERDS2FJ101	1/4W 100	3	
R937	ERDS2FJ103	1/4W 10K	1	
R939	ERDS2FJ331	1/4W 330	1	
R940	ERDS2FJ102	1/4W 1K	1	
R943	ERDS2FJ101	1/4W 100	1	
R944	ERDS2FJ223	1/4W 22K	1	
R945	ERDS2FJ101	1/4W 100	1	
R946	ERDS2FJ102	1/4W 1K	1	
R947,48	ERDS2FJ104	1/4W 100K	2	
R949	ERDS2FJ472	1/4W 4.7K	1	
R950	ERDS2FJ101	1/4W 100	1	
R951	ERDS2FJ334	1/4W 330K	1	
R952	ERDS2TJ106T	1/4W 10M	1	
R953	ERDS2FJ101	1/4W 100	1	
R954	ERDS2FJ104	1/4W 100K	1	
R955	ERDS2FJ824	1/4W 820K	1	

R956-58	ERDS2FJ102	1/4W 1K	3	
R959	ERDS2FJ470	1/4W 47	1	
R960	ERDS2FJ152	1/4W 1.5K	1	
R961,62	ERDS2FJ223	1/4W 22K	2	
R974	ERDS2FJ271	1/4W 270	1	
R975	ERDS2FJ680	1/4W 68	1	
R981-85	ERD16TJ000T	1/4W 0	5	
R986	ERDS2FJ221	1/4W 220	1	
R987,88	ERDS2FJ102	1/4W 1K	2	
R990	ERDS2FJ104	1/4W 100K	1	
R991	ERDS2FJ473	1/4W 47K	1	
R992	ERDS2FJ221	1/4W 220	1	
R993	ERDS2FJ104	1/4W 100K	1	
R995	ERDS2FJ221	1/4W 220	1	
R996,97	ERDS2FJ151	1/4W 150	2	
R998	ERDS2FJ221	1/4W 220	1	
RL701	RSY0030M-0	RELAY	1	
RL702	RSY0040M-0	RELAY	1	
S701	ESE37314	SW,VOLT ADJ.	1	
S901-08	EVQ11G05R	SW,PUSH	8	
S910-18	EVQ11G05R	SW,PUSH	9	
T701	RTP2N5E017	POWER TRANSFORMER	1	
T702	RTP1I3E001	POWER TRANSFORMER	1	
VR401	EVUE27FK3B53	VR,MIC VOL.	1	
VR901	EVQVBXFK124B	VR,VOLUME	1	
X102	RLFDFT13DD	OSCILLATOR	1	
X103	RSXC7M20S05T	OSCILLATOR	1	
X901	EF0EC6004T4	OSCILLATOR	1	
X902	RSXD32K7S02	OSCILLATOR	1	
Z101	RLA2Z006M-T	COMPONENT COMBINATION	1	
Z102	RLI2Z022M-T	COMPONENT COMBINATION	1	

Z120	RAL0006	FM FRONT END	1	
Z701	ERZV10V511CS	COMPONENT COMBINATION	1	
Z901	RCDGP1U28XD	REMOTE SENSOR	1	

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[TOP](#) [PREVIOUS](#) [NEXT](#)

14 Cabinet Parts Location

[TOP](#) [PREVIOUS](#) [NEXT](#)



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[TOP](#) [PREVIOUS](#) [NEXT](#)

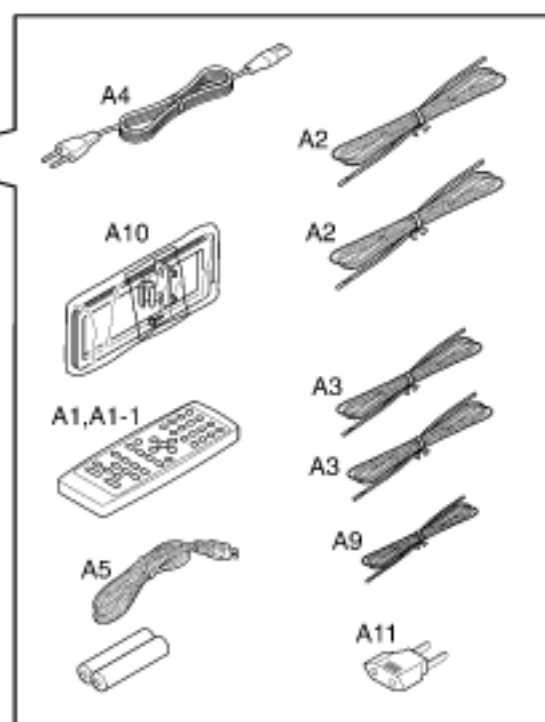
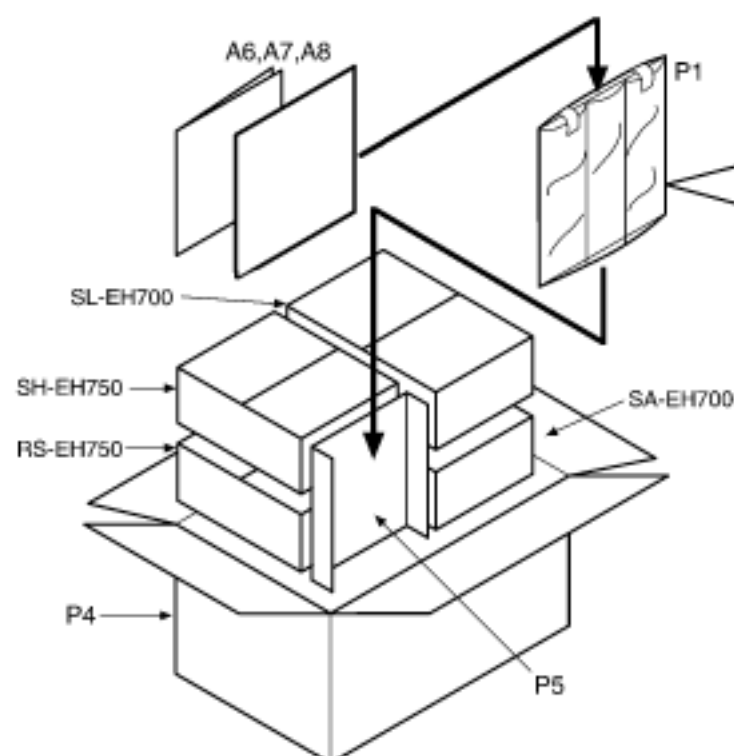
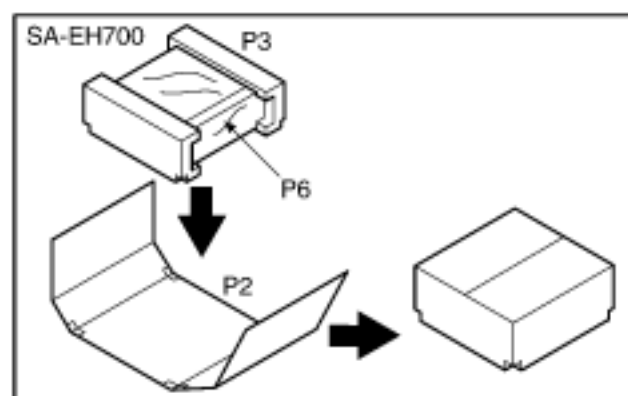
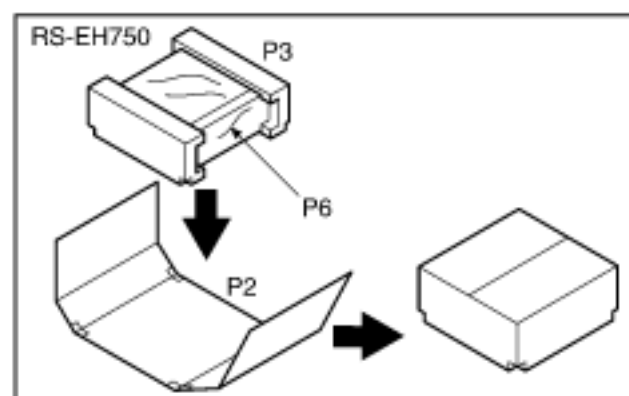
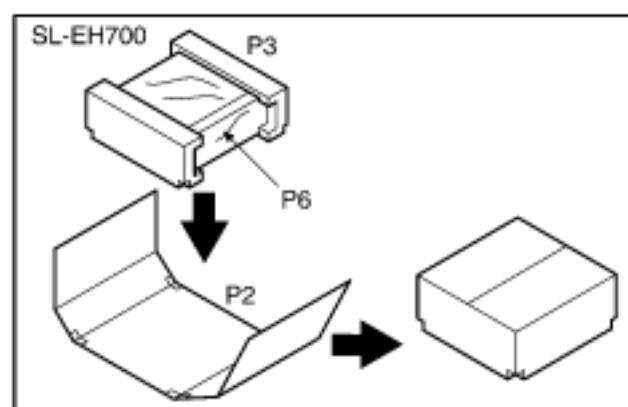
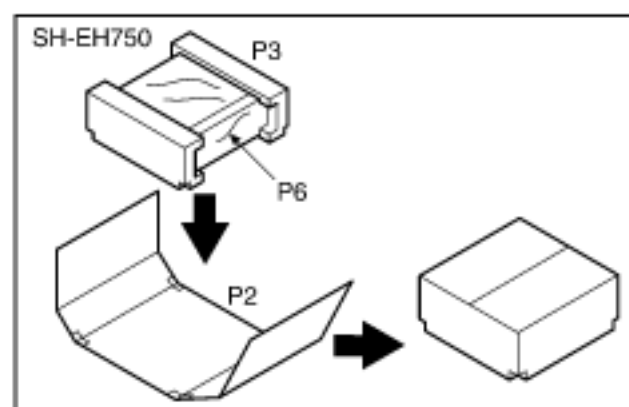
15 Packaging

[TOP](#) [PREVIOUS](#)



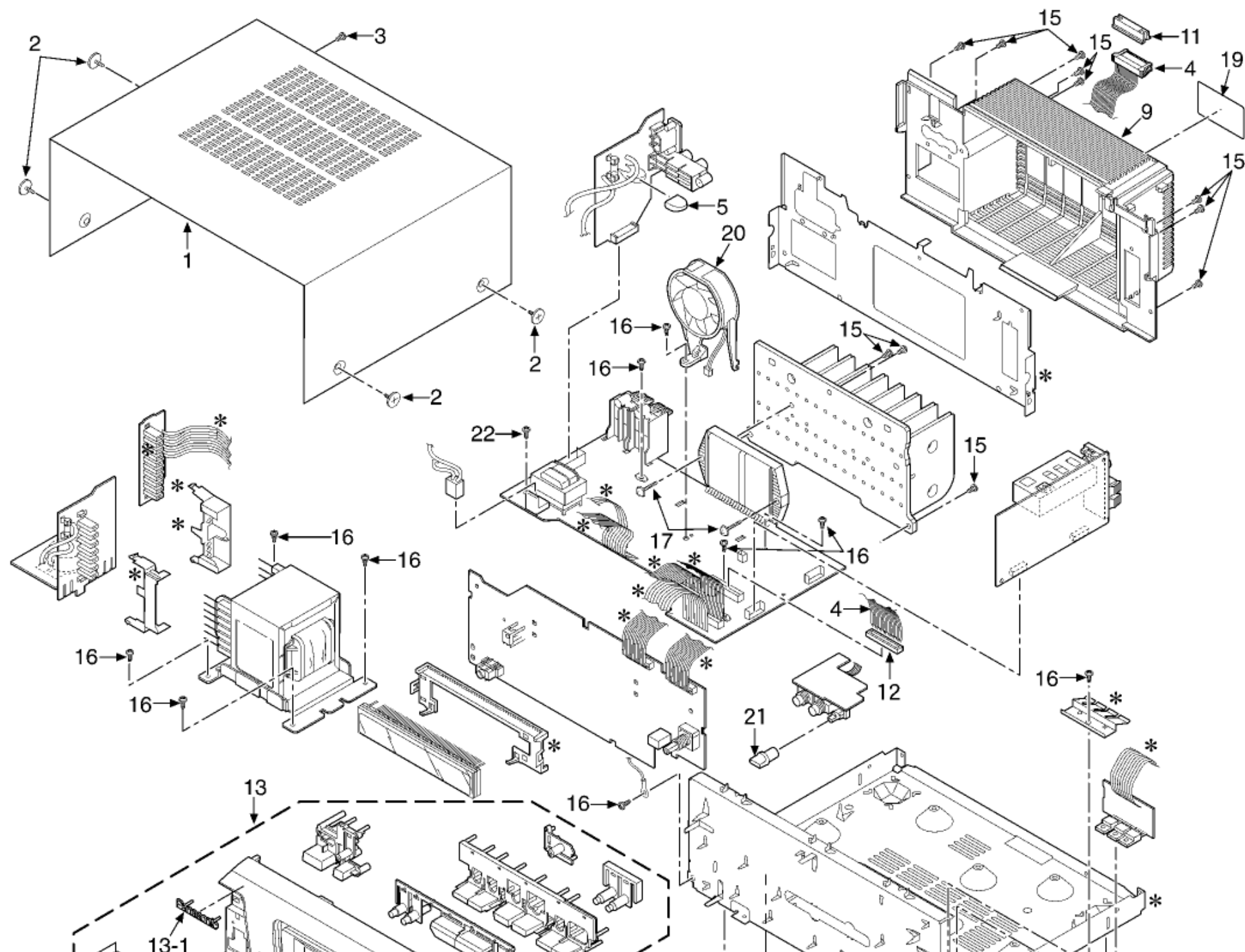
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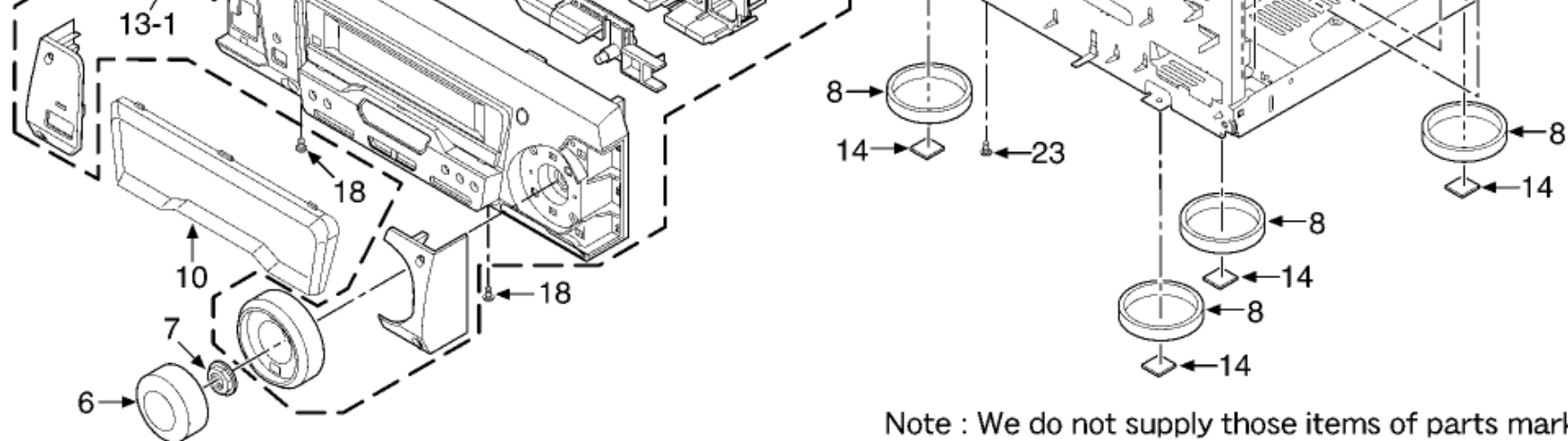
[TOP](#) [PREVIOUS](#)



Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
A1	RAK-EHA19WH	REMOTE CONT.TRANSMITTER	1	
A1-1	RKK0123-H	BATTERY COVER	1	
A2	REE0489	SPEAKER CORD	2	
A3	REE0853	SPEAKER CORD	2	
A4	RLA0019-X	AC POWER SUPPLY CORD	1	
A5	RJL1P019B15	PIN CORD	1	
A6	RQCA0570	CD CAUTION	1	
A7	RQC00109	SERVICE CENTER LIST	1	
A8	RQT5048-K	OPERATING INSTRUCTIONS	1	<3A>
A9	RSA0008	FM INDOOR ANTENNA	1	
A10	RSA0022-J	AM LOOP ANTENNA	1	
A11	SJP5213-2	PLUG ADAPTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P1	RPF0139	PROTECTION COVER	1	
P2	RPG4397	PACKING CASE(RS)	1	
P2	RPG4395	PACKING CASE(SA)	1	
P2	RPG4398	PACKING CASE(SH)	1	
P2	RPG4399	PACKING CASE(SL)	1	
P3	RPN1195-2	PAD(RS)	1	
P3	RPN1194	PAD(SA)	1	
P3	RPN1196	PAD(SH)	1	
P3	RPN1197	PAD(SL)	1	
P4	RPG4500	PACKING CASE(SYSTEM)	1	
P5	RPG0661	PAD(SYSTEM)	1	
P6	SPP740-1	SHEET	1	

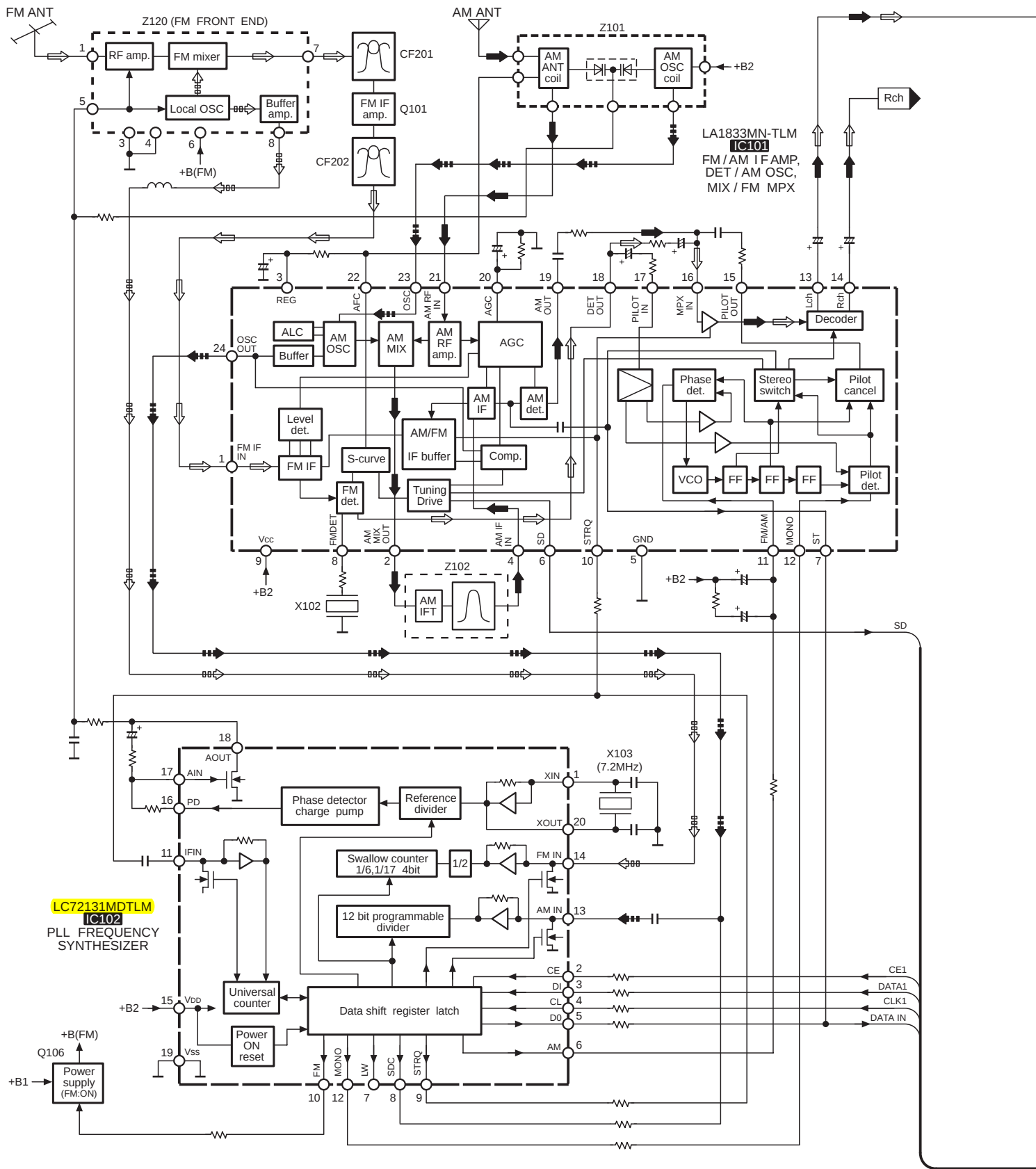


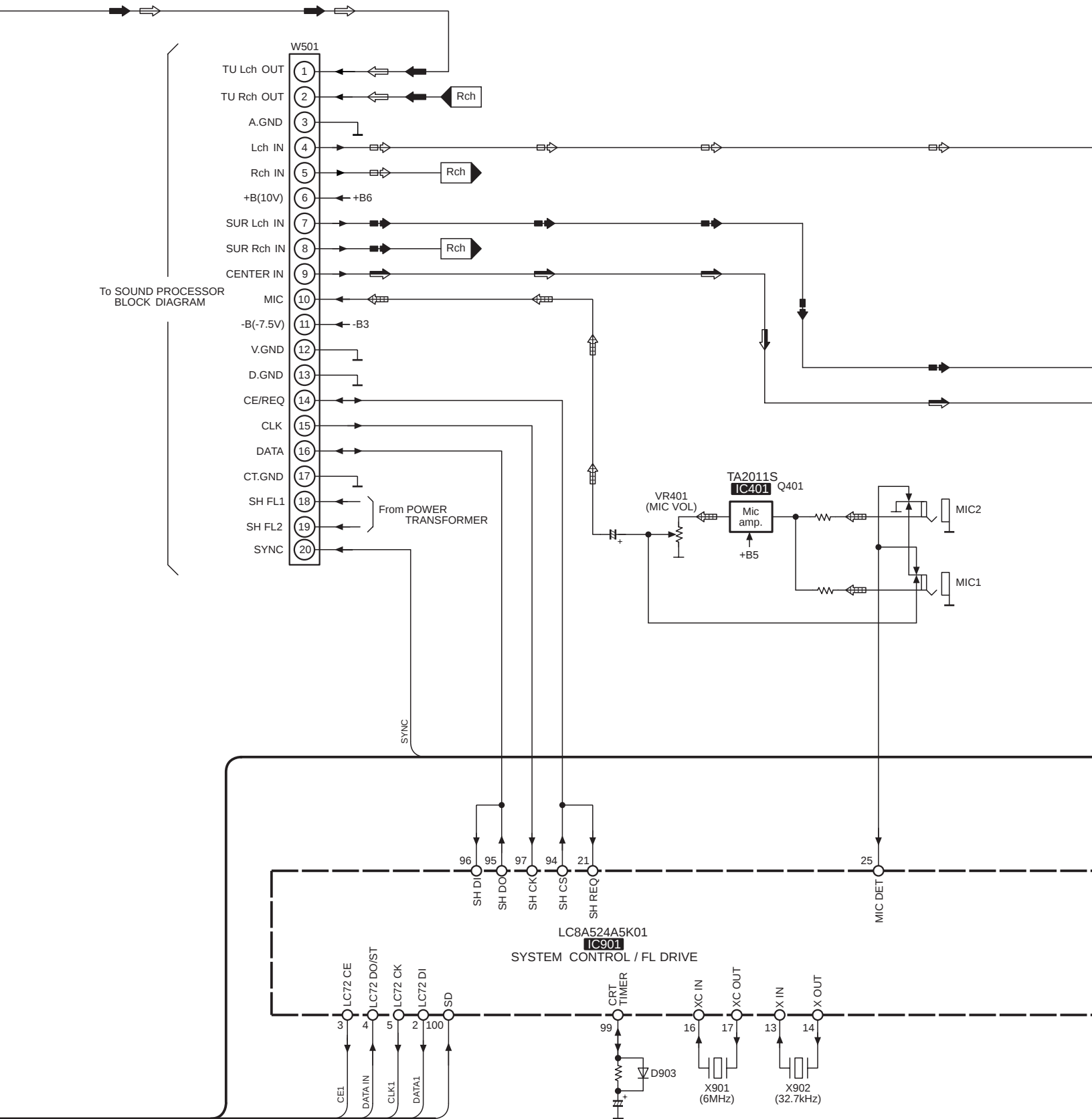


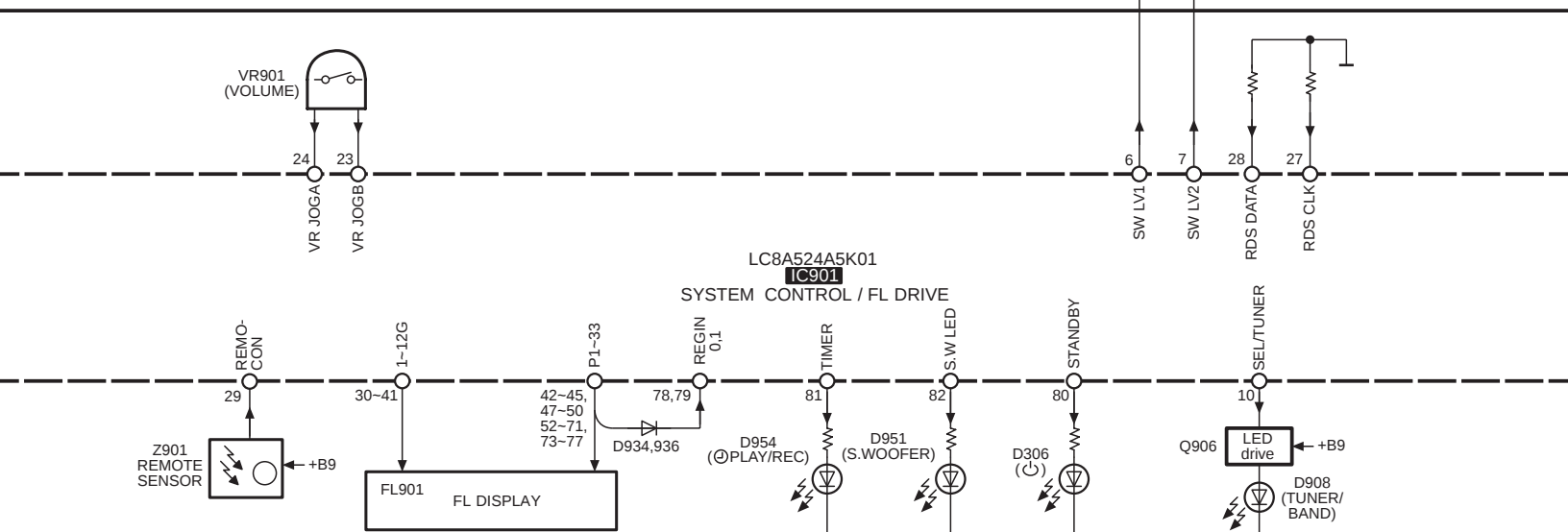
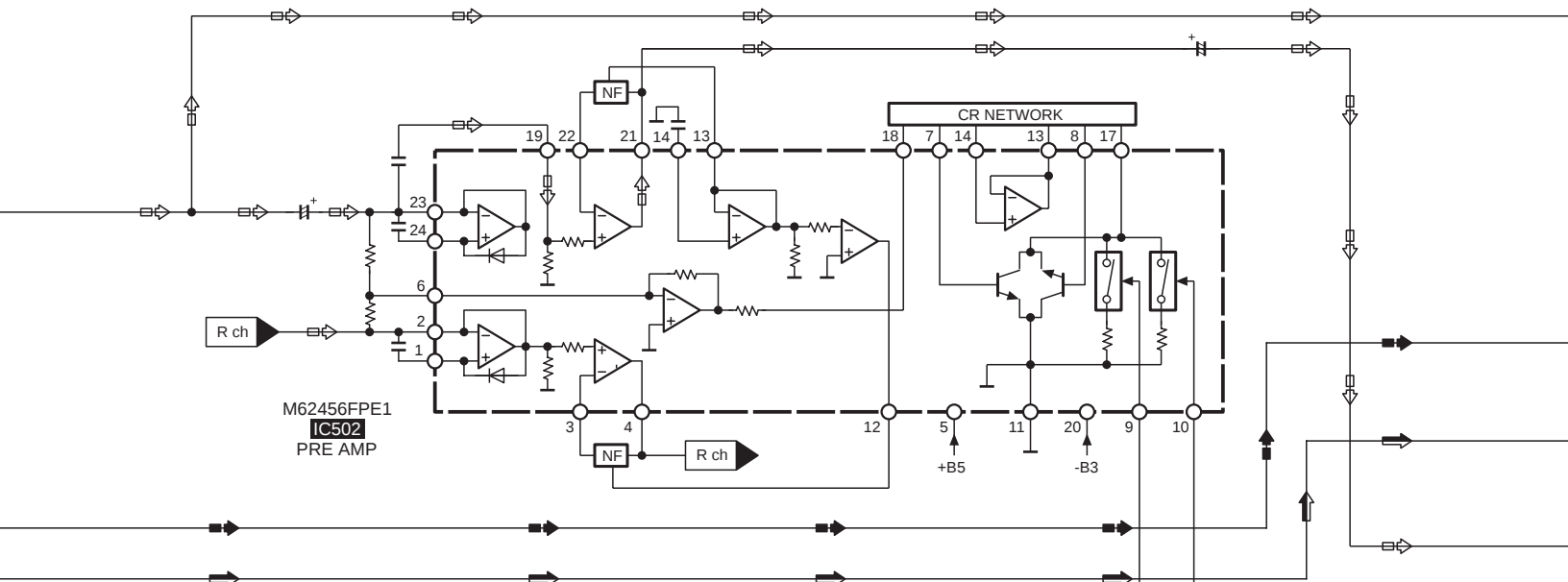
Note : We do not supply those items of parts marked *.

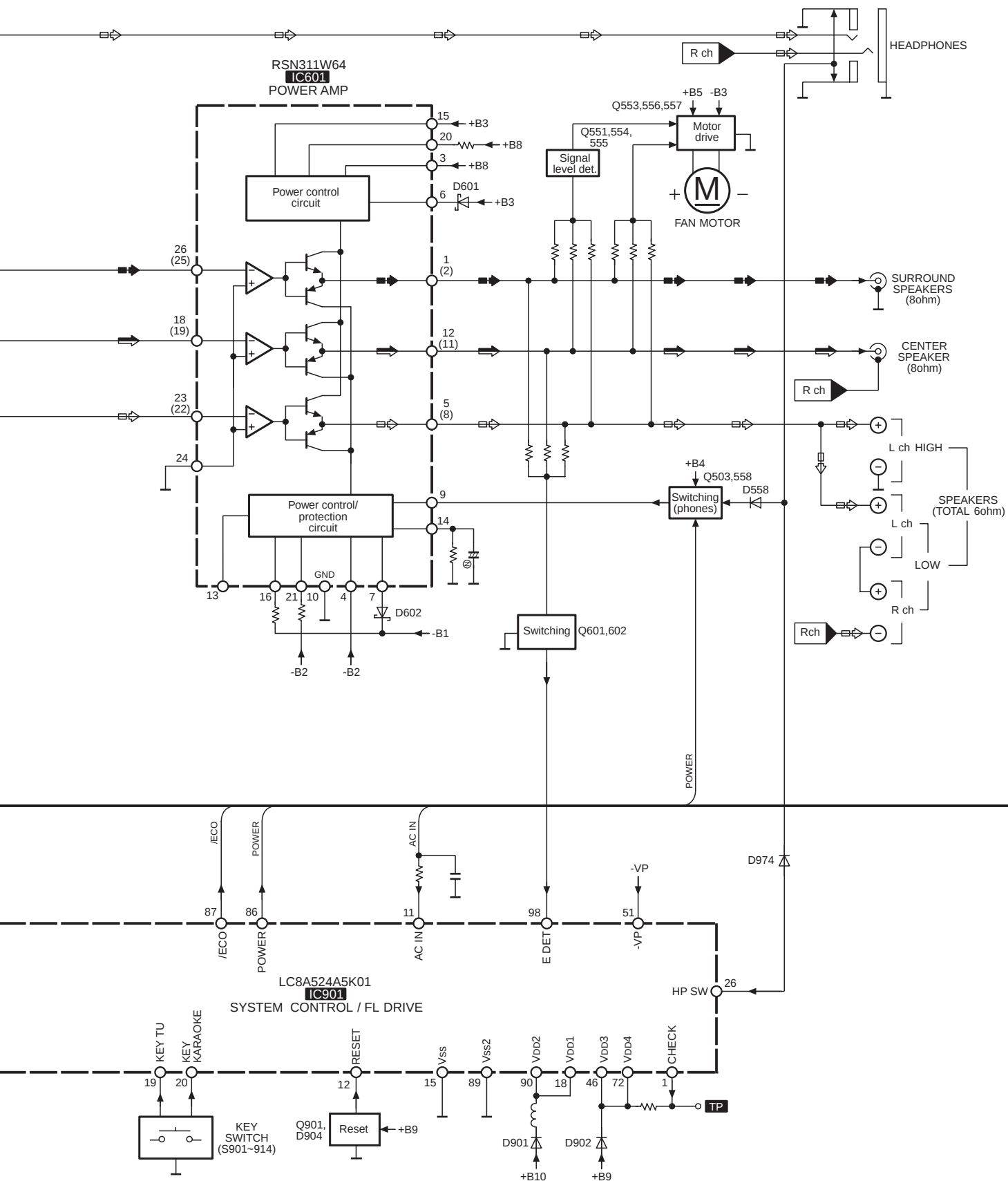
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	RKM0395A-S	TOP CABINET	1	
2	RHD30007-S	SCREW	4	
3	XTBS3+10JFZ1	SCREW	1	
4	REX0967	WIRE ASS'Y	1	
5	RMZ0339	ZNR COVER	1	
6	RGW0317-S	KNOB,VOLUME	1	
7	RHN90001	NUT	1	
8	RKA0106-N	FOOT RING	4	
9	RKF0589J-K	BACK COVER	1	
10	RKW0581-V	FL WINDOW	1	
11	RMN0427	CABLE HOLDER	1	
12	RLBT4001-N	FERRITE CORE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
13	RYP0915L-S	FRONT PANEL	1	
13-1	RGB0022-A	PANASONIC BADGE	1	
14	SHG1654	RUBBER	4	
15	XTB3+10JFZ	SCREW	11	
16	XTB3+8JFZ	SCREW	10	
17	XTW3+15T	SCREW	2	
18	XTBS3+8JFZ1	SCREW	2	
19	RGN1727-K	NAME PLATE	1	
20	REM0057	FAN UNIT	1	
21	RGW0178-S	KNOB,MIC	1	
22	XTWS3+8T	SCREW	1	
23	XTB3+8FFZ	SCREW	1	









Notes

● Signal line

◁ : FM signal

◁ : AM signal

◁ : FM OSC signal

◁ : AM OSC signal

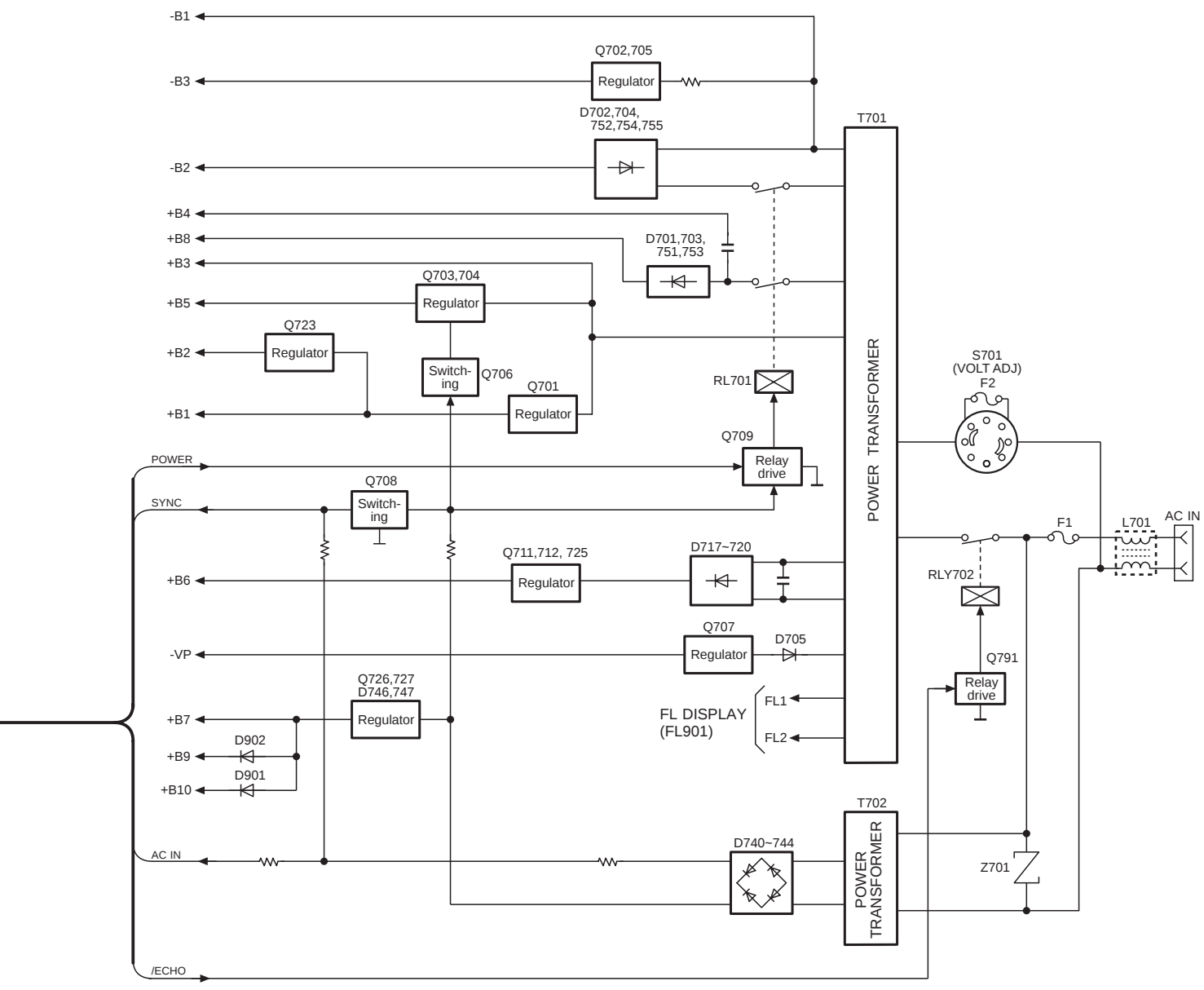
◁ : Source signal

◁ : Center SP. signal

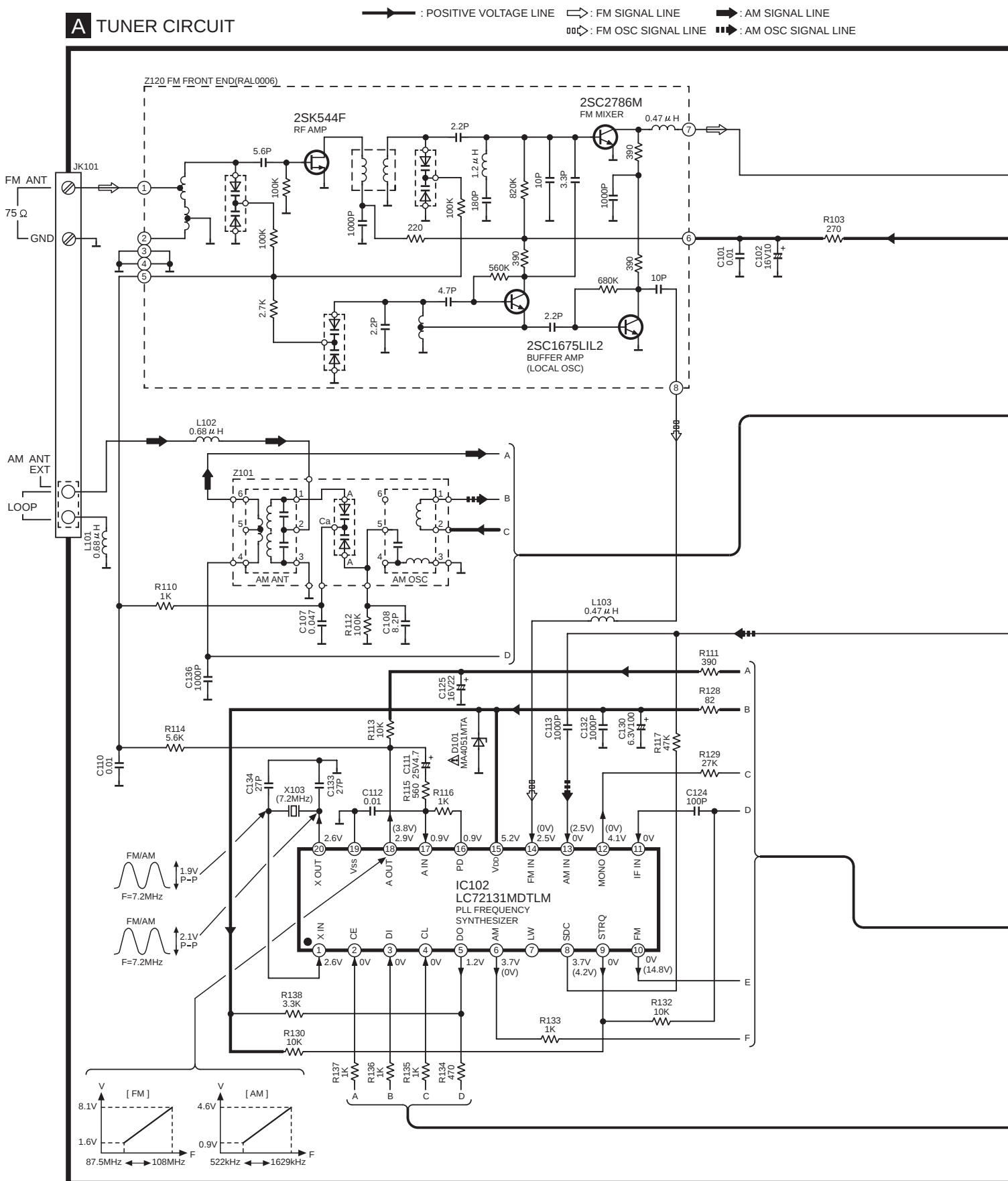
◁ : Surround SP. signal

◁ : MIC signal

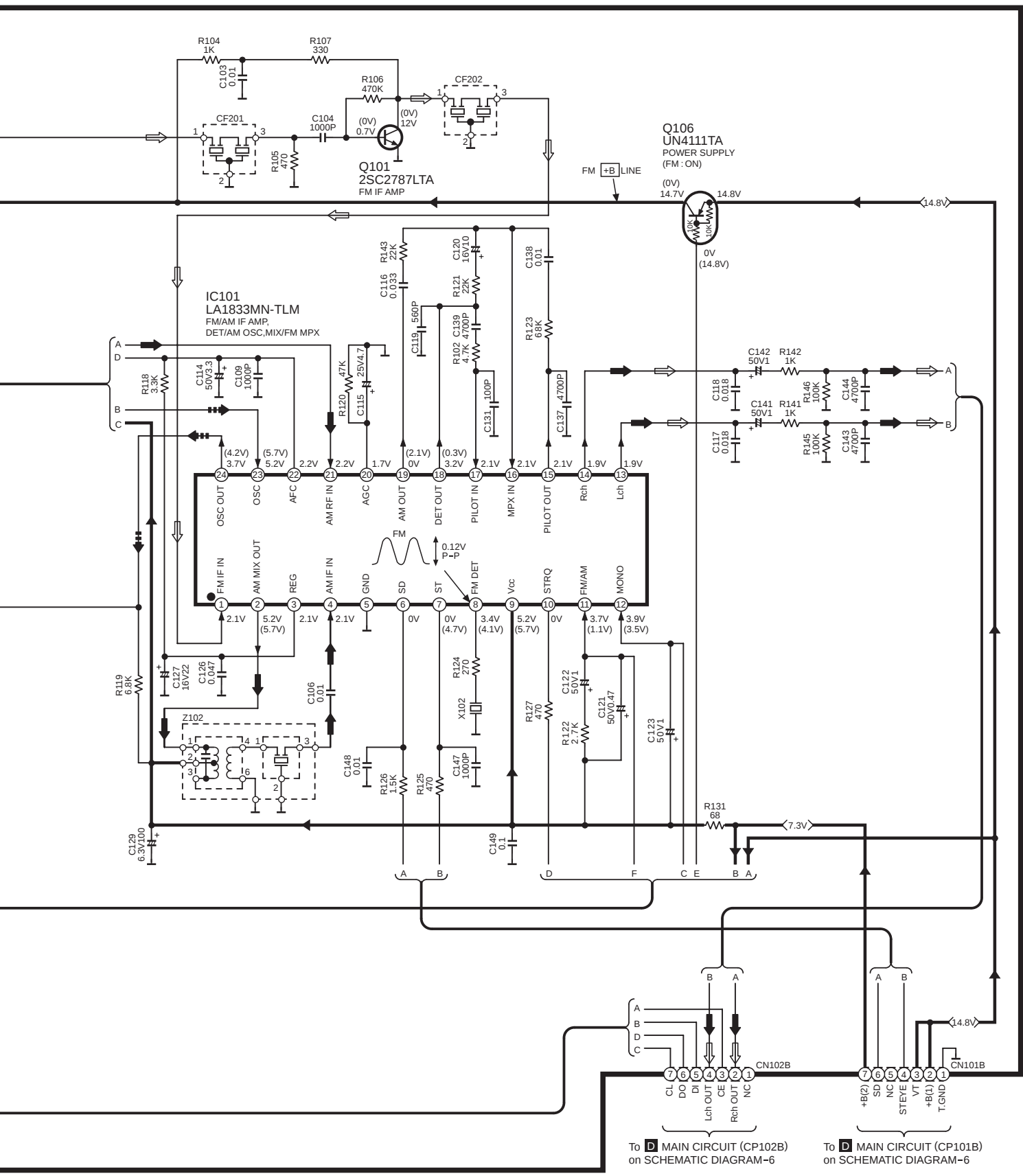
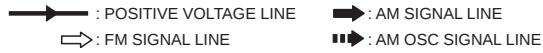
● () indicates pin No. Right channel.



Note: The number which noted at the connectors on the schematic diagram as "SCHEMATIC DIAGRAM-1" or "SCHEMATIC DIAGRAM-2" indicates the schematic diagram serial number located on the left corner in the schematic diagram.



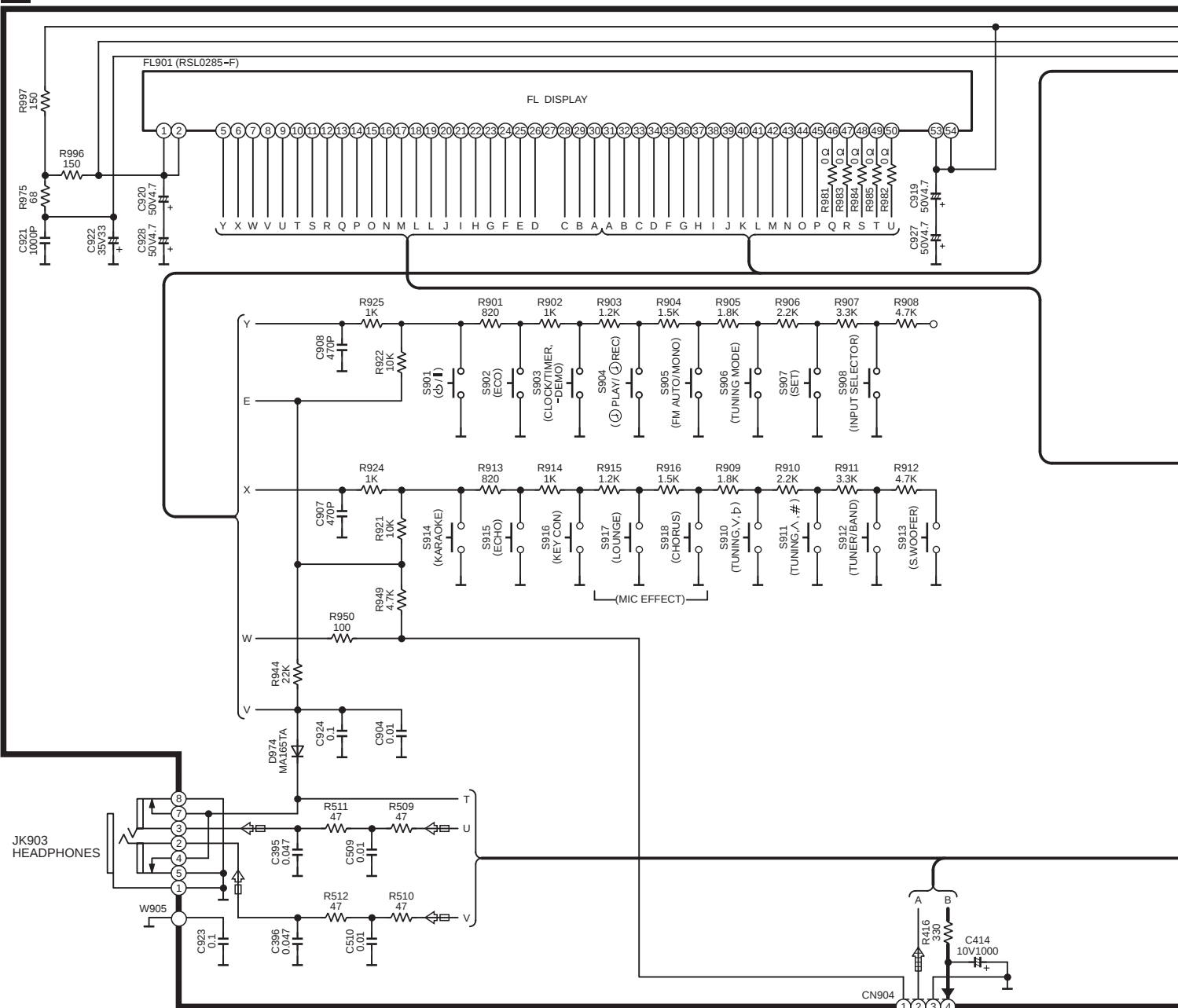
SCHEMATIC DIAGRAM-2



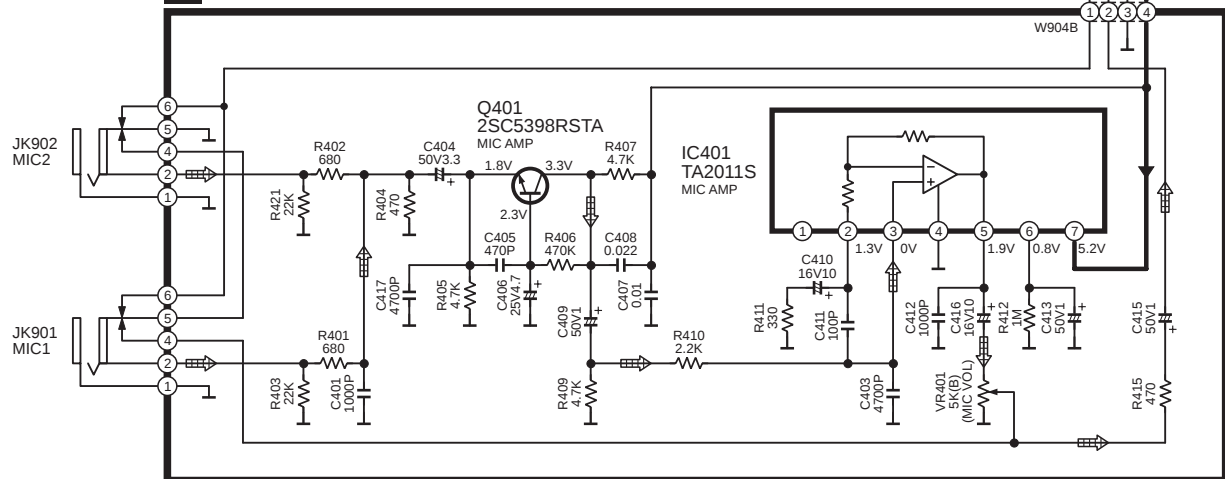
SCHEMATIC DIAGRAM-3

B OPERATION CIRCUIT

→ : POSITIVE VOLTAGE LINE
 □ : SOURCE SIGNAL LINE ▷ : MIC SIGNAL LINE

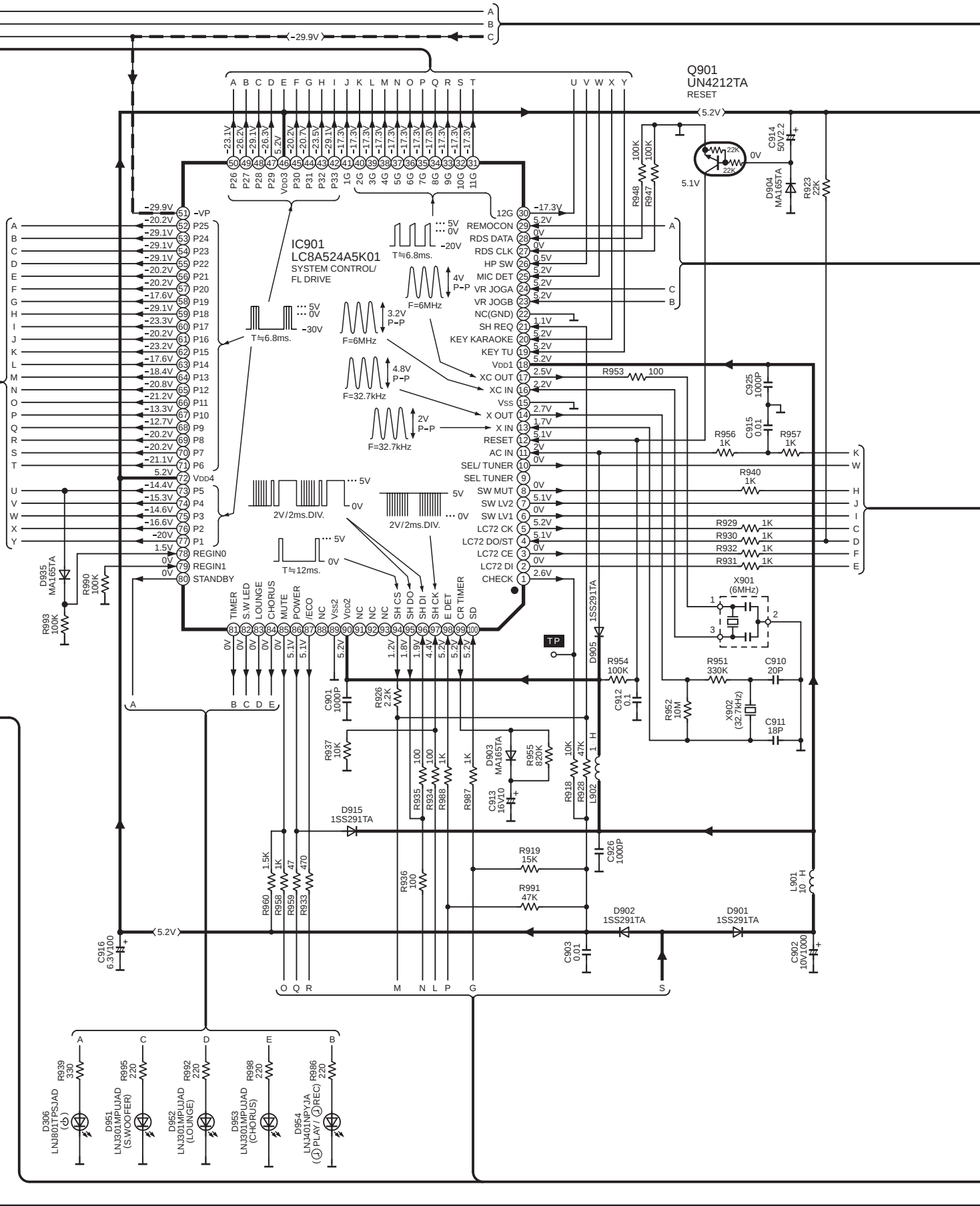


C MIC JACK CIRCUIT



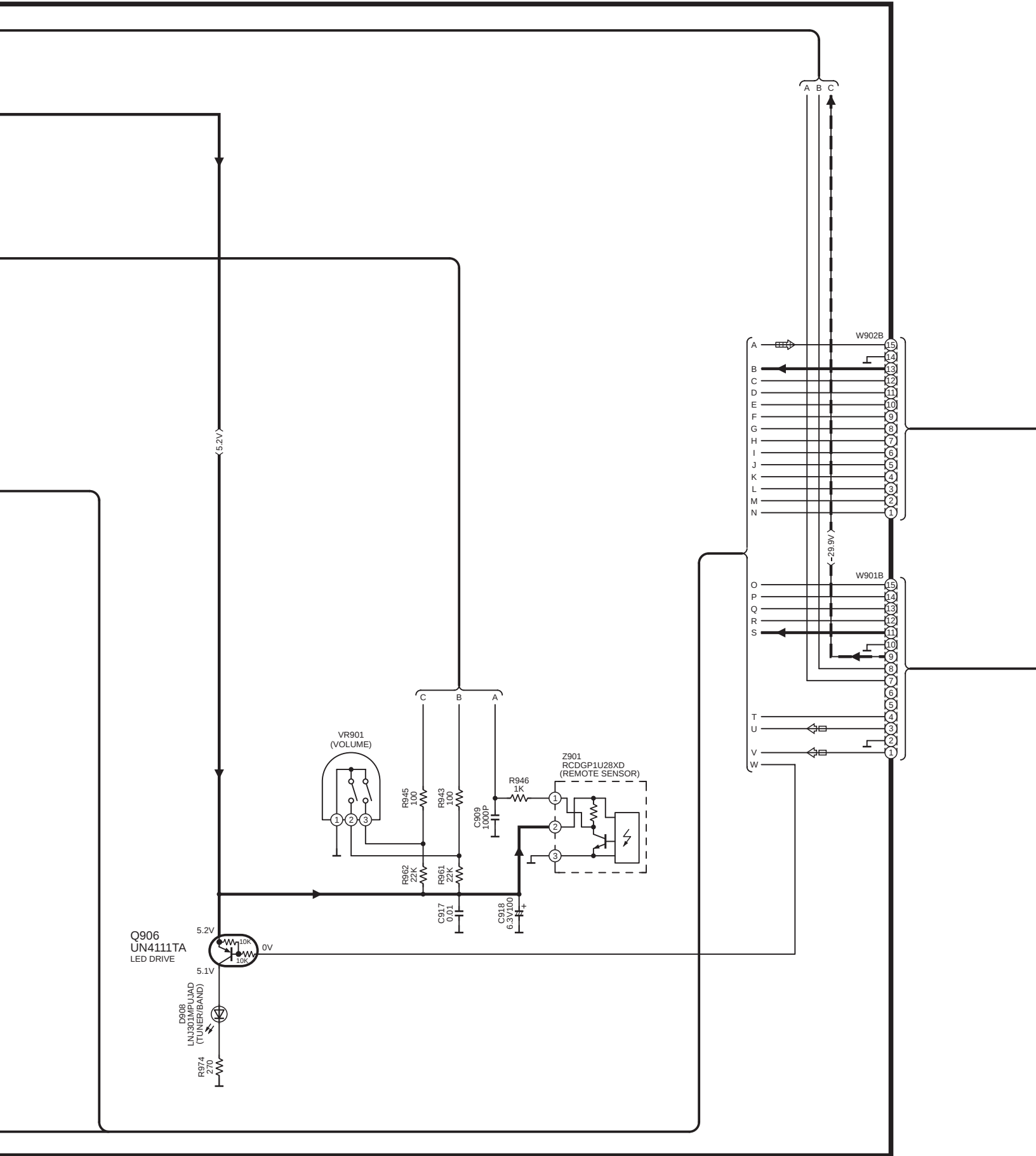
SCHEMATIC DIAGRAM-4

→ : POSITIVE VOLTAGE LINE
 - - - - - : NEGATIVE VOLTAGE LINE



SCHEMATIC DIAGRAM-5
B OPERATION CIRCUIT

→ : POSITIVE VOLTAGE LINE ⇨ : MIC SIGNAL LINE
- - - - - : NEGATIVE VOLTAGE LINE ⇨ : SOURCE SIGNAL LINE



SCHEMATIC DIAGRAM-6

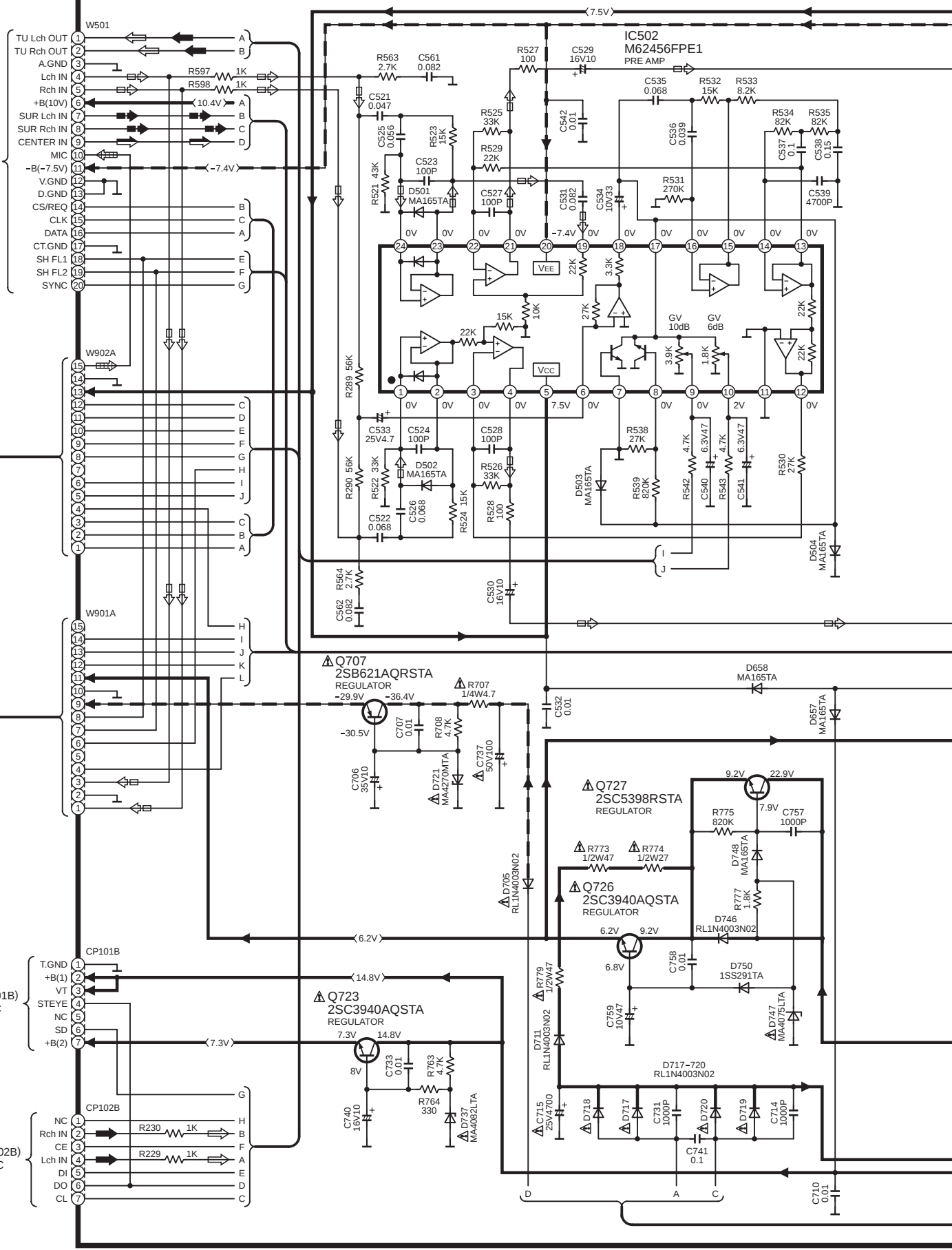
D MAIN CIRCUIT

→ : POSITIVE VOLTAGE LINE
 → : FM SIGNAL LINE
 → : AM SIGNAL LINE
 → : CENTER SP.DRIVE SIGNAL LINE
 → : SURROUND SP.DRIVE SIGNAL LINE
 → : SOURCE SIGNAL LINE
 → : MIC SIGNAL LINE

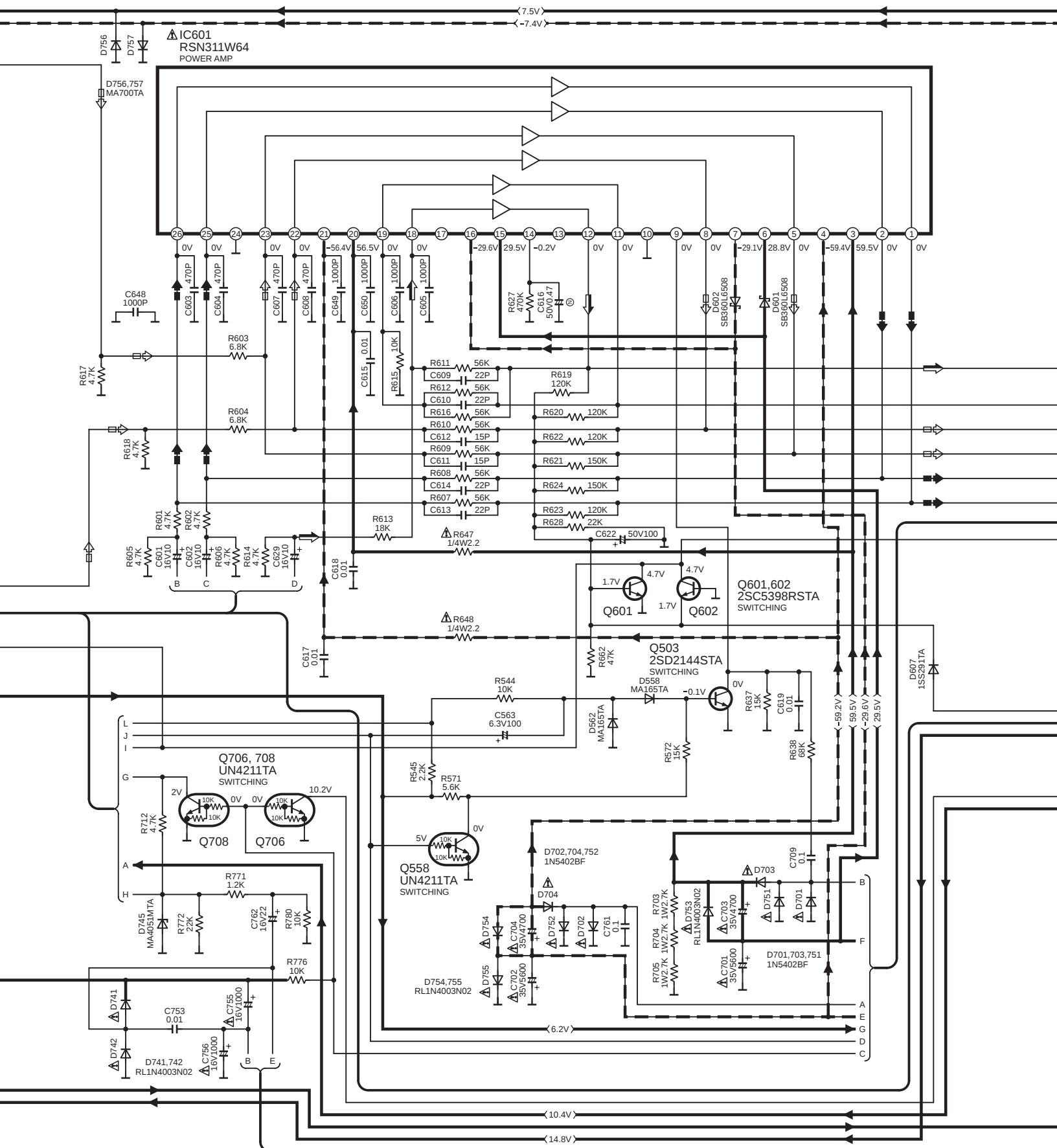
To SOUND PROCESSOR
 MAIN CIRCUIT

To A TUNER
 CIRCUIT (CN101B)
 on SCHEMATIC
 DIAGRAM-2

To A TUNER
 CIRCUIT (CN102B)
 on SCHEMATIC
 DIAGRAM-2



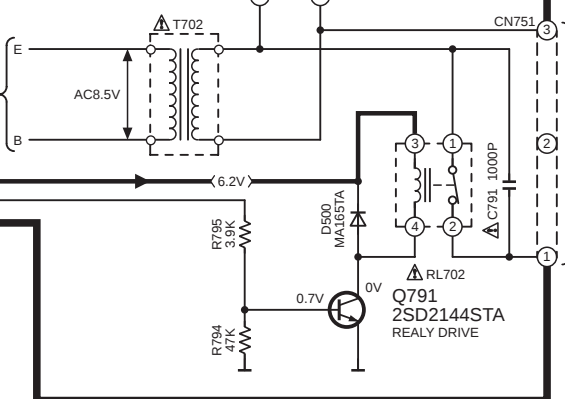
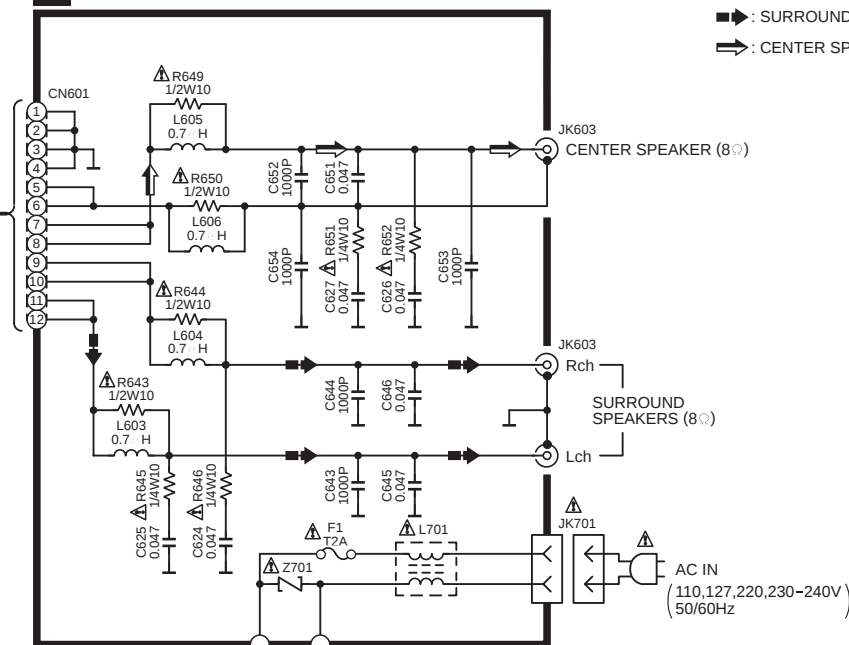
 : POSITIVE VOLTAGE LINE
 : SURROUND SP.DRIVE SIGNAL LINE
 : NEGATIVE VOLTAGE LINE
 : CENTER SP.DRIVE SIGNAL LINE
 : SOURCE SIGNAL LINE



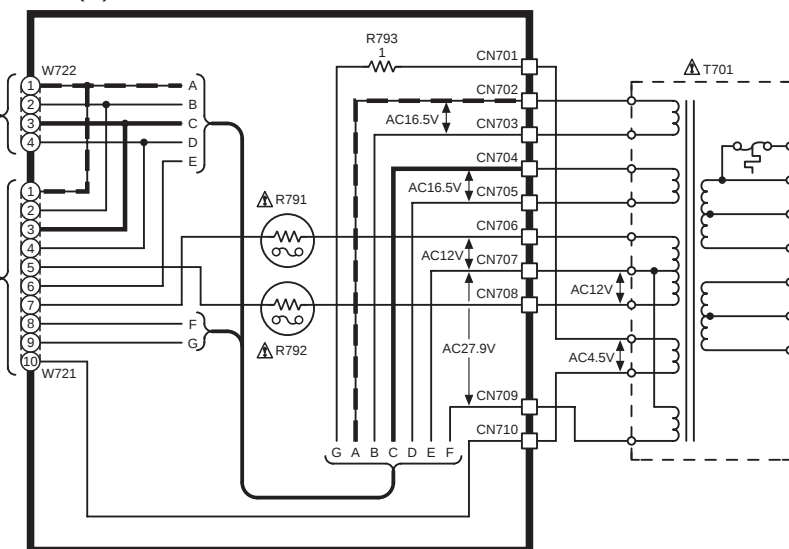
SCHEMATIC DIAGRAM-9

H SPEAKER TERMINAL CIRCUIT

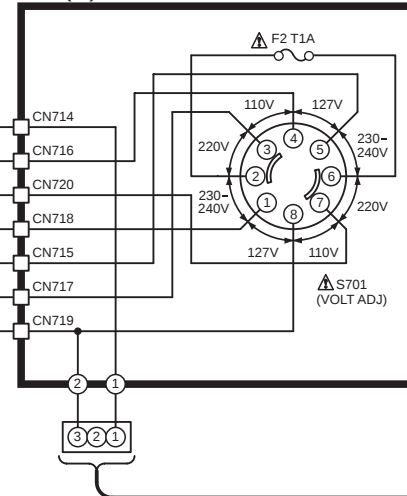
- ➔ : POSITIVE VOLTAGE LINE
- ➔ : NEGATIVE VOLTAGE LINE
- ➔ : SURROUND SP.DRIVE SIGNAL LINE
- ➔ : CENTER SP.DRIVE SIGNAL LINE

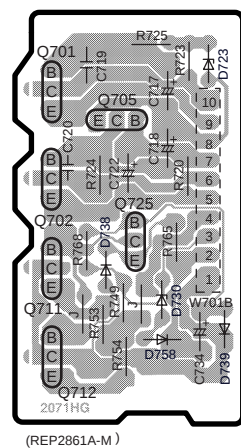


F POWER TRANSFORMER (A) CIRCUIT



G POWER TRANSFORMER (B) CIRCUIT





A

B

C

D

E

F

D MAIN P.C.B.

To SOUND PROCESSOR

2071HA

(REP2861A-M)

HIGHT

SPEAKERS
(TOTAL 60hm)

LOW

G

H

I

J

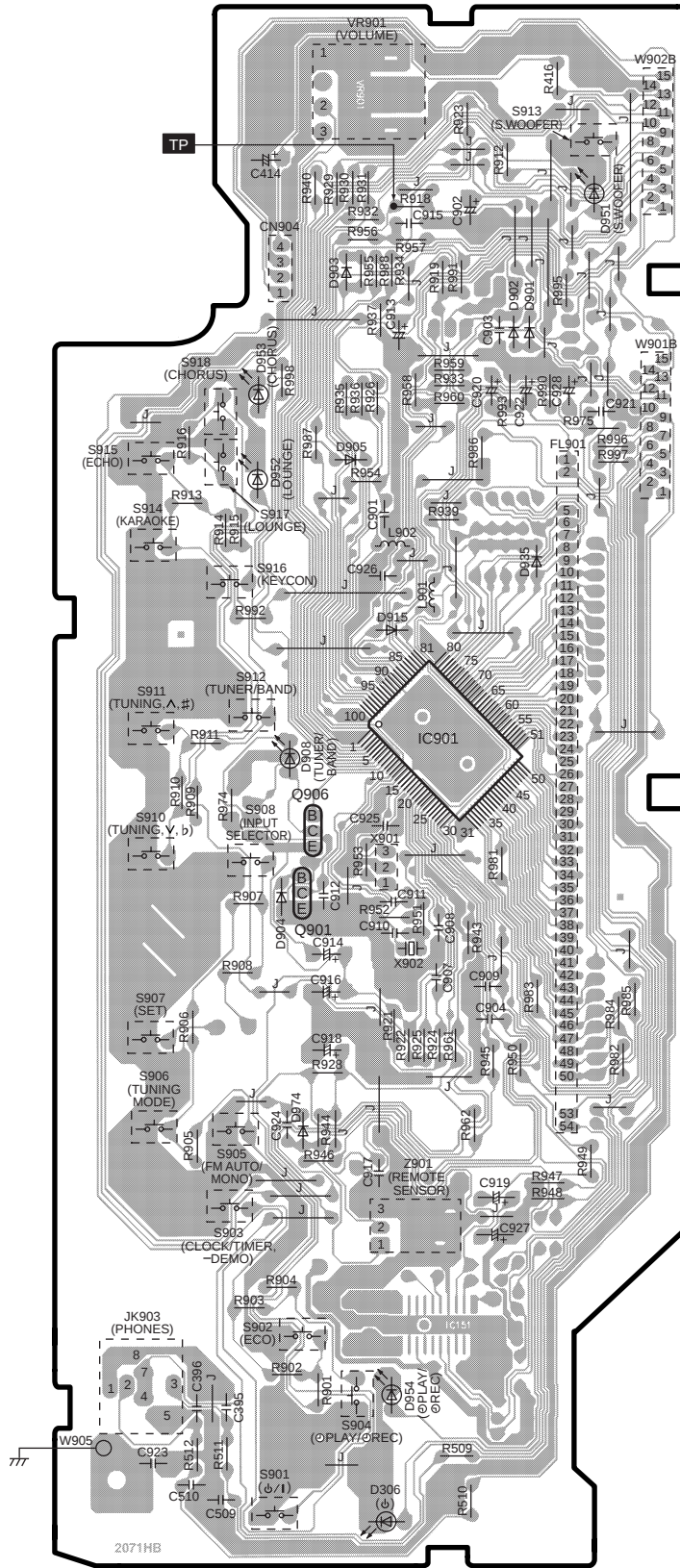
K

L

■ ELECTRICAL PARTS LOCATION

Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
■ MAIN P.C.B.											
IC502	2E	D720	4C	R526	2E	R616	4F	C371	3D	C619	4D
IC601	4F	D721	3C	R527	2F	R617	2F	C521	2E	C620	8E
Q503	3D	D725	4E	R528	2F	R618	2F	C522	2E	C621	7E
Q551	3D	D736	4C	R529	2E	R619	4E	C523	2E	C622	3E
Q553	2D	D737	2D	R530	2E	R620	4E	C524	2E	C629	3F
Q554	2D	D741	8D	R531	2F	R621	4E	C525	2E	C631	7F
Q555	2D	D742	8D	R532	2F	R622	4E	C526	2E	C632	7F
Q556	3D	D745	8C	R533	2F	R623	4E	C527	2E	C633	7F
Q557	3D	D746	7D	R534	2E	R624	4E	C528	2E	C634	7F
Q558	2B	D747	7D	R535	2F	R627	5E	C529	2F	C635	8F
Q601	3F	D748	7D	R538	2E	R628	3E	C530	2F	C636	8F
Q602	3E	D749	4D	R539	2E	R637	4D	C531	2E	C637	8F
Q703	4E	D750	7D	R542	2D	R638	4D	C532	2E	C638	8F
Q704	4E	D751	5D	R543	2C	R639	7E	C533	2E	C639	7E
Q706	4C	D752	6D	R544	4D	R640	6F	C534	2F	C640	7E
Q707	3C	D753	6E	R545	3C	R641	8E	C535	1E	C641	8E
Q708	4C	D754	6D	R551	3E	R642	8E	C536	1F	C642	8E
Q709	4C	D755	6D	R552	4E	R647	5E	C537	2E	C647	3E
Q723	2E	D756	2D	R555	3E	R648	5E	C538	2F	C648	3E
Q726	7D	D757	1D	R556	2E	R662	3E	C539	2E	C649	4F
Q727	7D	L601	7F	R557	3E	R703	6E	C540	2D	C650	4F
Q791	8C	L602	6E	R558	2D	R704	6E	C541	2E	C701	7E
D500	7D	T702	7C	R559	2D	R705	6E	C542	2F	C702	6D
D501	2E	RL701	5D	R560	3D	R707	4C	C550	2D	C703	6E
D502	2E	RL702	6D	R561	2D	R708	4C	C551	2D	C704	7D
D503	2F	CN751	7C	R563	2D	R712	3C	C552	2D	C706	4C
D504	2F	CP101B	1E	R564	2D	R719	1B	C554	2D	C707	4C
D551	3E	CP102B	1C	R566	3D	R721	5E	C555	3E	C709	4D
D552	2D	CP601	8E	R567	2D	R722	4E	C556	2D	C710	1B
D553	3D	W1	7C	R568	3D	R727	4E	C559	2D	C714	5C
D554	3D	W2	8C	R569	3D	R729	4E	C561	2D	C715	4D
D555	2D	W501	2C	R570	2D	R738	4C	C562	2D	C721	4E
D558	4D	W701A	2B	R571	2B	R739	4C	C563	4D	C723	4E
D559	3D	W721	5C	R572	3C	R763	1E	C564	3C	C731	4D
D560	3D	W722	5C	R591	2D	R764	1E	C601	2F	C732	7E
D562	4D	W901A	3C	R597	2C	R766	4C	C602	2E	C733	1E
D563	3C	W902A	2B	R598	2C	R767	4E	C603	3F	C737	4D
D601	5E	JK551	3E	R601	3F	R771	8C	C604	3F	C740	2D
D602	5E	JK601	8F	R602	3F	R772	8C	C605	3F	C741	5C
D607	1B	JK602	7F	R603	2F	R773	7D	C606	3E	C753	8D
D657	2E	E201	2C	R604	3F	R774	7D	C607	3F	C755	8D
D658	3D	E601	7E	R605	3F	R775	7D	C608	3F	C756	8D
D701	5E	E602	3E	R606	3F	R776	4C	C609	4F	C757	7D
D702	6D	R229	1C	R607	3E	R777	7D	C610	4E	C758	7D
D703	5E	R230	1C	R608	3E	R779	6C	C611	4F	C759	7D
D704	6C	R289	2E	R609	4F	R780	8D	C612	4E	C761	5D
D705	4C	R290	2D	R610	3E	R794	8C	C613	3E	C762	8C
D711	6C	R521	2E	R611	4F	R795	7D	C614	3E	C791	6C
D715	5C	R522	2E	R612	4E	R796	4E	C615	3D		
D717	4D	R523	1E	R613	3E	R797	4E	C616	5E		
D718	4D	R524	2E	R614	3E	R798	3B	C617	3E		
D719	4C	R525	1E	R615	3E	R799	3B	C618	3D		

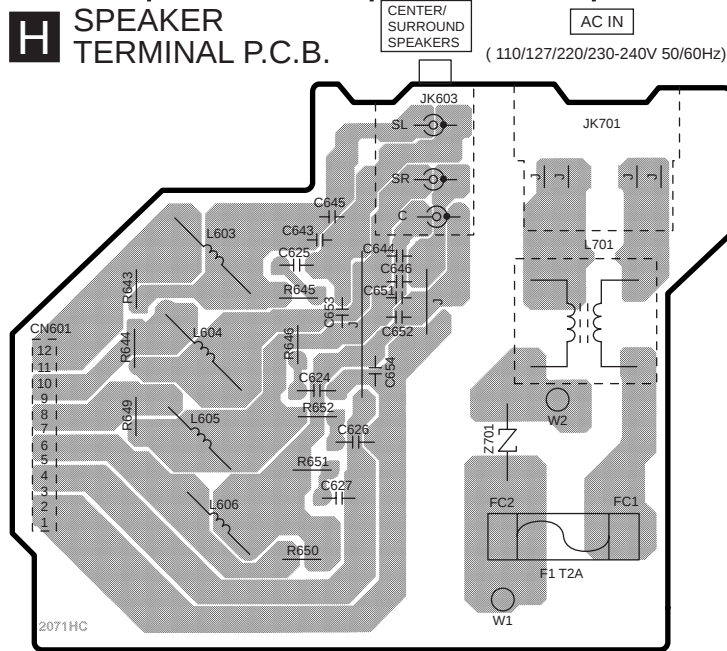
B OPERATION P.C.B.



ELECTRICAL PARTS LOCATION

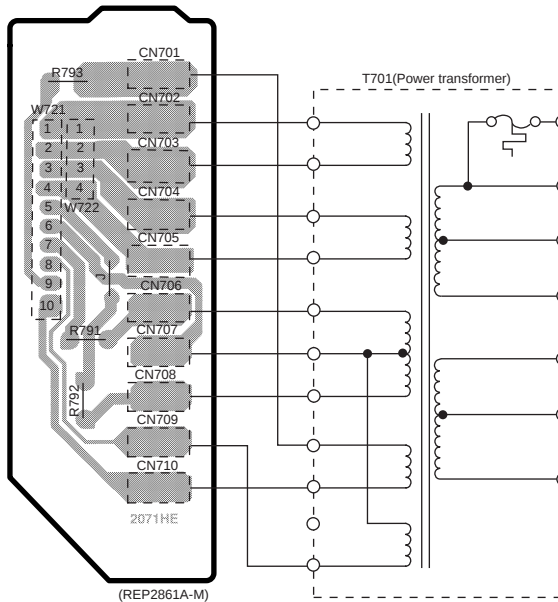
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B OPERATION P.C.B.					
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Q901	5B	R903	7B	R961	6C
Q906	5B	R904	7B	R962	6C
D306	8C	R905	6B	R974	5B
D901	3C	R906	6B	R975	3D
D902	3C	R907	5B	R981	5C
D903	2B	R908	6B	R982	6D
D904	5B	R909	5B	R983	6C
D905	3B	R910	5B	R984	6D
D908	5B	R911	5B	R985	6D
D915	4C	R912	2C	R986	3C
D935	4C	R913	3B	R987	3B
D951	2D	R914	4B	R988	2C
D952	3B	R915	4B	R990	3C
D953	3B	R916	3B	R991	2C
D954	8C	R918	2C	R992	4B
D974	6B	R919	2C	R993	3C
VR901	2C	R921	6C	R995	2C
L901	4C	R922	6C	R996	3D
L902	4C	R923	2C	R997	3D
Z901	7C	R924	6C	R998	3B
X901	5C	R925	6C	C995	8B
X902	6C	R926	3C	C996	8B
FL901	3C	R928	6B	C414	2B
S901	8B	R929	2B	C509	8B
S902	7B	R930	2B	C510	8B
S903	7B	R931	2C	C901	4C
S904	8B	R932	2B	C902	2C
S905	6B	R933	3C	C903	3C
S906	6B	R934	2C	C904	6C
S907	6B	R935	3B	C907	6C
S908	5B	R936	3B	C908	5C
S910	5B	R937	3C	C909	6C
S911	5B	R939	4C	C910	5C
S912	4B	R940	2B	C911	5C
S913	2D	R943	5C	C912	5B
S914	4B	R944	6B	C913	3C
S915	3A	R945	6C	C914	6B
S916	4B	R946	7B	C915	2C
S917	3B	R947	7C	C916	6B
S918	3B	R948	7C	C917	7C
CN904	2B	R949	7D	C918	6B
W901B	3D	R950	6C	C919	7C
W902B	2D	R951	5C	C920	3C
W905	8A	R952	5C	C921	3D
JK903	8A	R953	5C	C922	3C
R416	1C	R954	3B	C923	8B
R509	8C	R955	2B	C924	6B
R510	8C	R956	2B	C925	5C
R511	8B	R957	2C	C926	4C
R512	8B	R958	3C	C927	7C
R901	8B	R959	3C	C928	3C

H SPEAKER TERMINAL P.C.B.

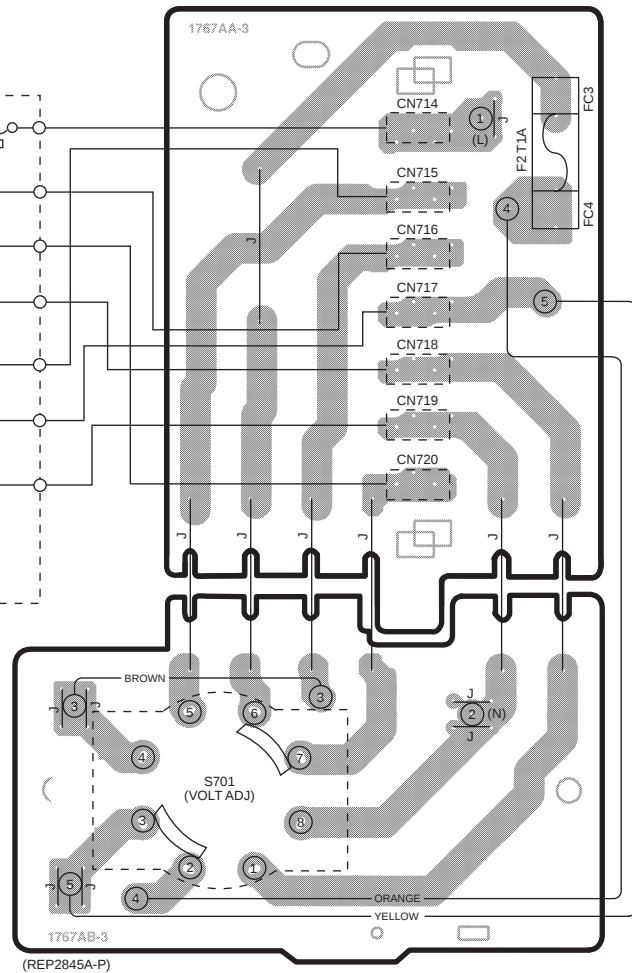


(REP2861A-M)

F POWER TRANSFORMER (A) P.C.B.

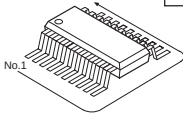
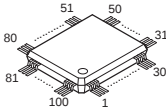
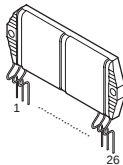
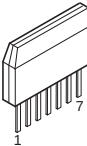
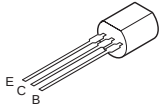
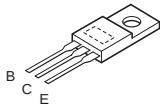
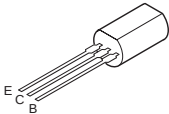
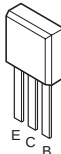
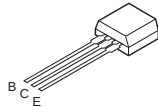
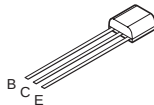
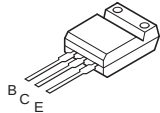
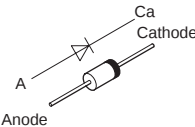
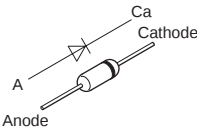
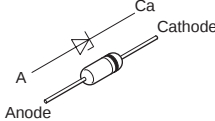
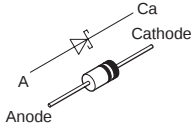
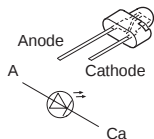
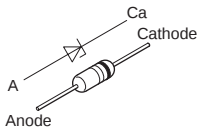


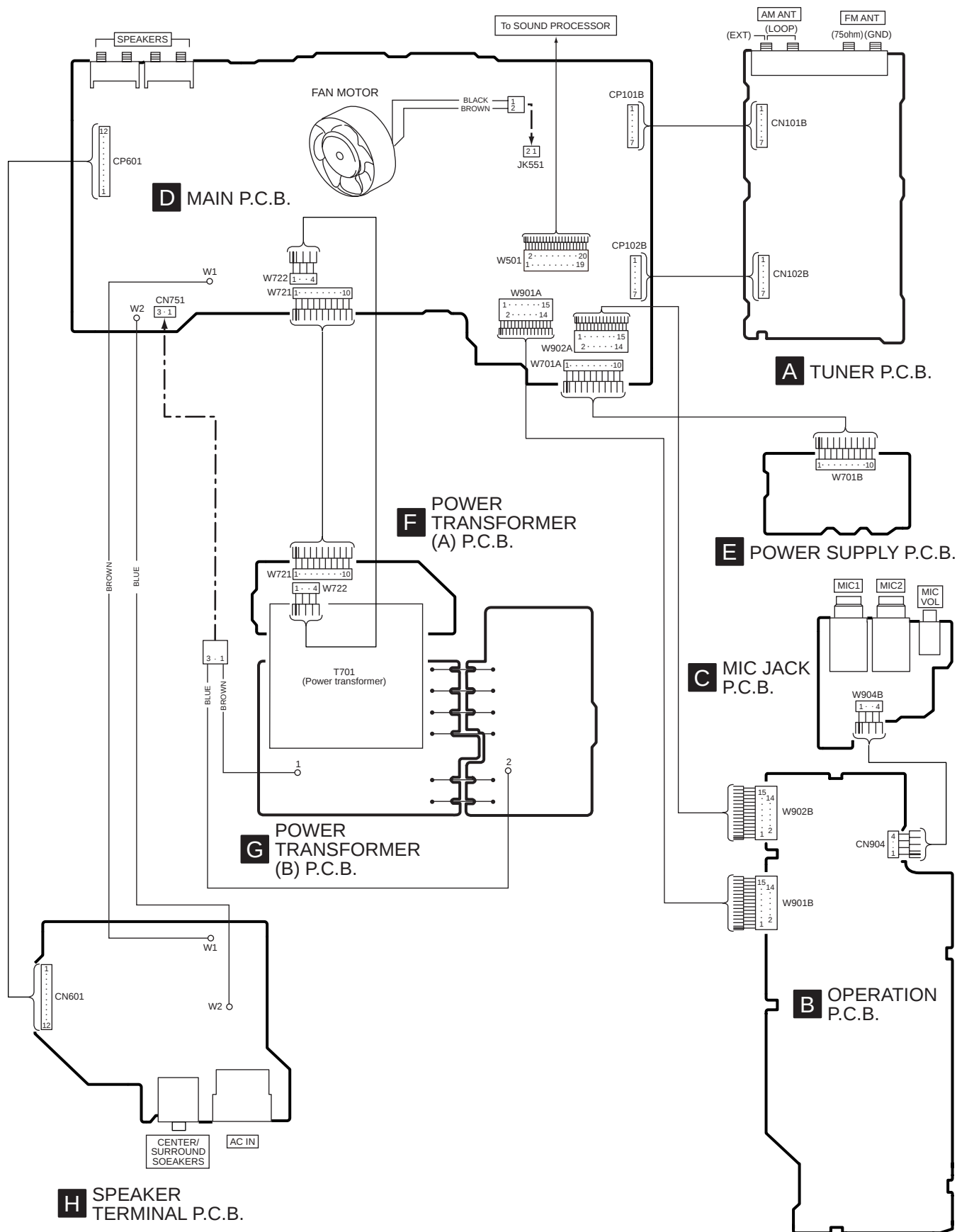
G POWER TRANSFORMER (B) P.C.B.



E ELECTRICAL PARTS LOCATION

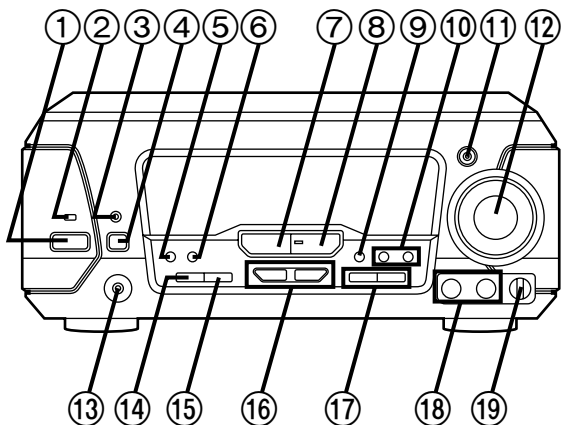
Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
F POWER TRANSFORMER(A) P.C.B.					
T701	5C	CN706	6B	W722	5A
CN701	5B	CN707	6B	R791	6A
CN702	5B	CN708	6B	R792	6A
CN703	5B	CN709	6B	R793	5A
CN704	5B	CN710	6B		
CN705	5B	W721	5A		
G POWER TRANSFORMER(B) P.C.B.					
S701	8E	CN716	5E	CN720	6E
F2	5F	CN717	6E	FC3	5F
CN714	5E	CN718	6E	FC4	5F
CN715	5E	CN719	6E		
H SPEAKER TERMINAL P.C.B.					
L603	2B	FC1	3D	C626	3B
L604	2B	FC2	3C	C627	3B
L605	3B	R643	2A	C643	2B
L606	3B	R644	2A	C644	2C
L701	2C	R645	2B	C645	2B
Z701	3C	R646	2B	C646	2C
CN601	2A	R649	2A	C651	2C
W1	3C	R650	3B	C652	2C
W2	2C	R651	3B	C653	2B
JK603	1C	R652	2B	C654	2C
F1	3C	C624	2B		
JK701	1C	C625	2B		

 <table><tr><td>LA1833MN-TLM</td><td>24PIN</td></tr><tr><td>LC72131MDTLM</td><td>20PIN</td></tr><tr><td>M62456FPE1</td><td>24PIN</td></tr></table>	LA1833MN-TLM	24PIN	LC72131MDTLM	20PIN	M62456FPE1	24PIN				
LA1833MN-TLM	24PIN									
LC72131MDTLM	20PIN									
M62456FPE1	24PIN									
2SB1548PQAU 2SD2374PQAU 	2SC3940AQSTA 	 2SC2787LTA UN4111TA UN4211TA UN4212TA	2SD2144STA 	2SA1995RSTA 2SC5398RSTA 						
2SD2137PQTA 	1N5402BF RL1N4003N02 	MA165TA MA700TA 1SS291TA 	MA4091HTA MA4100MTA MA4150HTA 	SB360L6508 	LNJ301MPUJAD LNJ801TPSJAD LNJ401NPYJA 					
 MA4051MTA MA4082LTA MA4020LTA MA4075LTA MA4270MTA										

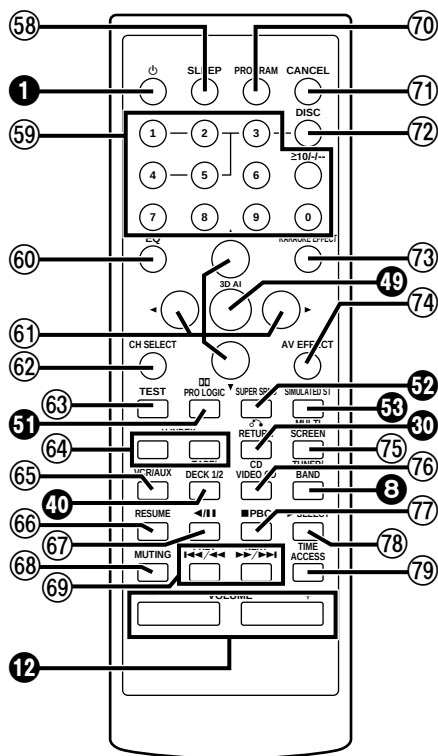


Front Panel Controls

A



B



Tuner amplifier

① Standby/on switch (⏻/⏻)

Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.

② Standby indicator (⏻)

When the unit is connected to the AC mains supply, this indicator lights up in standby mode and goes out when the unit is turned on.

③ Play timer/record timer button and lamp (⌚ PLAY/⌚ REC)

④ ECO mode button (ECO)

⑤ Clock/timer, demo button (CLOCK/TIMER, -DEMO)

⑥ FM mode select button (FM AUTO/MONO)

⑦ Input source select button (INPUT SELECTOR)

⑧ Tuner/band select button and indicator (TUNER/BAND)

⑨ Key control on/off button (KEY CON)

⑩ Mic effect buttons and lamps

(MIC EFFECT, LOUNGE, CHORUS)

⑪ Super woofer button and lamp (S.WOOFER)

⑫ Volume control (VOLUME)

⑬ Headphones jack (PHONES)

⑭ Tuning mode select button (TUNING MODE)

⑮ Set button (SET)

⑯ Tuning/time adjust/key adjust buttons (v, ^ TUNING, b, #)

⑰ KARAOKE and echo buttons (KARAOKE, ECHO)

⑱ Microphone jacks (MIC, 1, 2)

⑲ Microphone volume control (MIC VOL)

Remote control

- Buttons such as ① function in the same way as the buttons on the main unit.
- Buttons used for video CD operation are labeled in blue. RESUME and TIME ACCESS can also be used with audio CDs.

⑤⑧ Sleep timer button (SLEEP)

⑤⑨ Numeric buttons (1-9, 0, ≥10/-/-)

⑥⑩ EQ select button (EQ)

⑥⑪ Cursor buttons (◀, ▶, ▲, ▼)

⑥⑫ Speaker channel select button (CH SELECT)

⑥⑬ Test button (TEST)

⑥⑭ Video index search button (V-INDEX ◀, ▶)

⑥⑮ VCR/AUX select button (VCR/AUX)

⑥⑯ Resume button (RESUME)

⑥⑰ Tape reverse playback/CD pause button (◀/||)

⑥⑱ Muting button (MUTING)

⑥⑲ CD skip/search, previous/next, tape fast forward/rewind buttons (PREV ◀◀/◀◀, NEXT ▶▶/▶▶)

⑦⑩ Program button (PROGRAM)

⑦⑪ Cancel button (CANCEL)

⑦⑫ Disc select button (DISC)

⑦⑬ Karaoke effect button (KARAOKE EFFECT)

⑦⑭ AV effect button (AV EFFECT)

⑦⑮ Multi screen button (MULTI SCREEN)

⑦⑯ CD, Video CD button (CD, VIDEO CD)

⑦⑰ CD/tape stop, PBC on/off button (■ PBC)

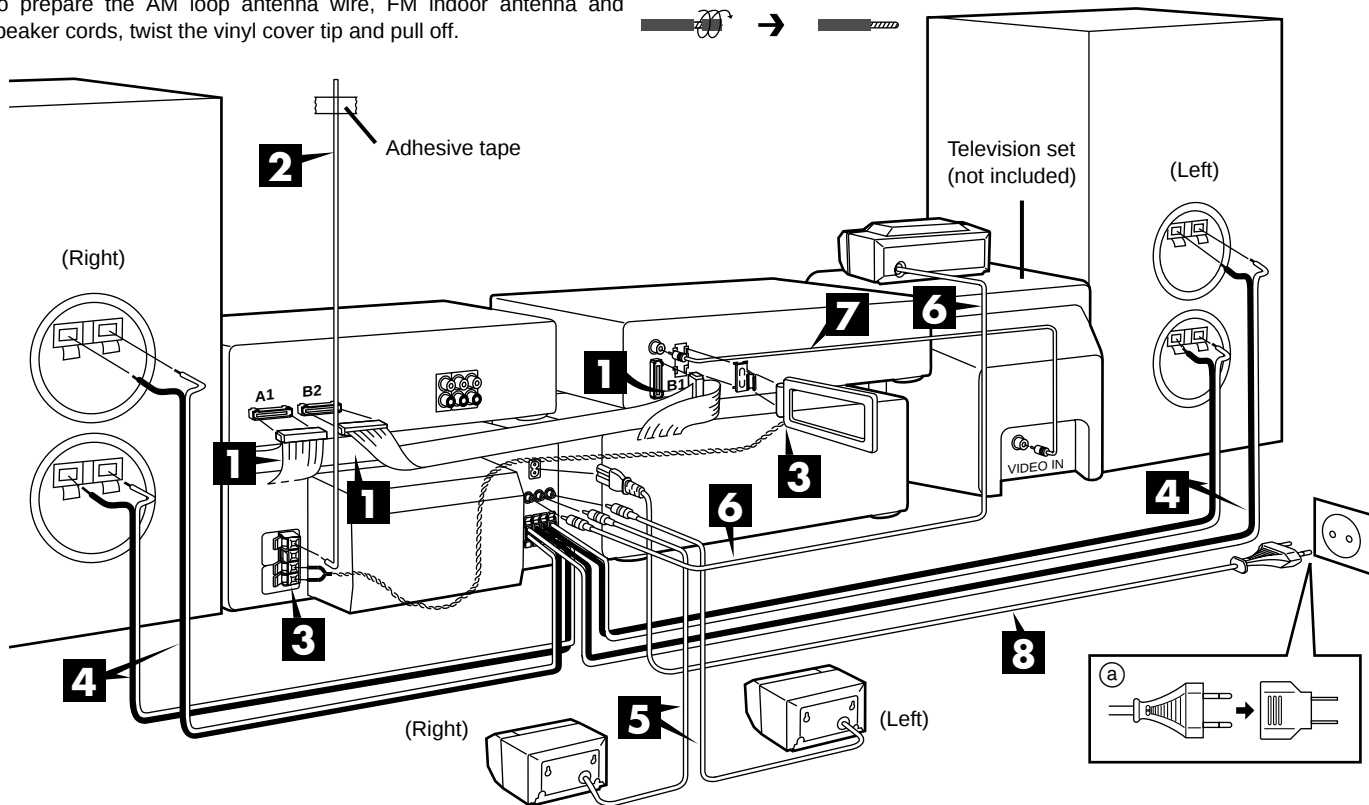
⑦⑱ CD play/select/tape forward playback button (▶ SELECT)

⑦⑲ Time access button (TIME ACCESS)

Connections

Connect the AC mains lead after you have connected all other cables.

To prepare the AM loop antenna wire, FM indoor antenna and speaker cords, twist the vinyl cover tip and pull off.



1

To connect cables

To unplug cables

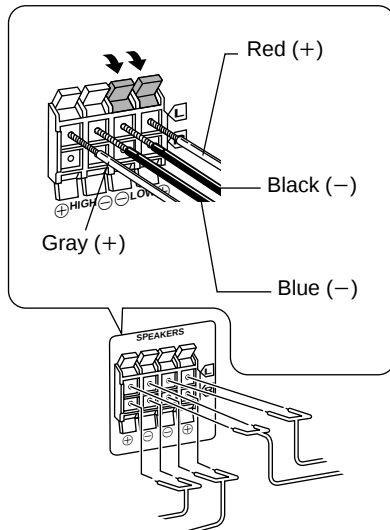
Connector

White line

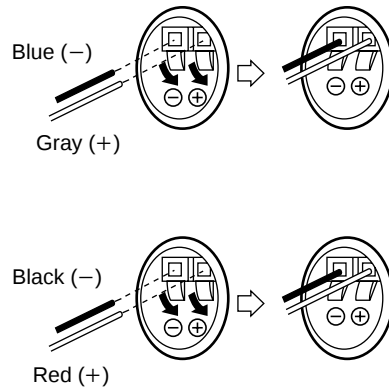
Hold the connector from both ends and pill it out.

4

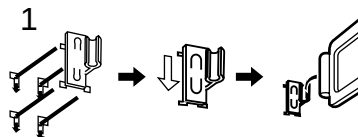
Tuner amplifier side



Speaker side



3



2

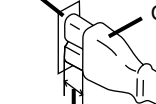


A

Appliance inlet

Connector

Approx. 6 mm



1 Connect the flat cables.

1. Connect the shorter flat cable from the tuner amplifier to terminal A1 on the sound processor.
2. Connect the longer flat cable from the cassette deck to terminals B1 and B2.

After connection:

Keep cables as flat against the back of the unit as possible.

2 Connect the FM indoor antenna.

Tape the antenna to a wall or column, in a position where radio signals are received with the least amount of interference.

3 Connect the AM loop antenna.

1. Attach the antenna holder to the rear panel of the CD changer.
Then clamp the antenna into the antenna holder.
2. Connect the antenna to the terminal on the rear panel of the tuner amplifier.

Note

To minimize noise pickup, bundle the loop antenna cord using tape or the like to keep the flat cables away from the AM loop antenna cord.

4 Connect the right (R) and left (L) front speaker cables.

Connect each end of the speaker cables to the terminal lever of the same color.

Use only the supplied front speakers.

The combination of the main unit and front speakers provide the best sound. Using other front speakers can damage the unit and sound quality will be negatively effected.

Note

- To prevent damage to circuitry, never short-circuit positive (+) and negative (–) speaker wires.
- Be sure to connect only positive (red or gray) wires to positive (+) terminals and negative (black or blue) wires to negative (–) terminals.

5 Connect the surround speaker cables.

6 Connect the center speaker cable.

7 (For video CD playback)

Connect the VIDEO OUT terminal on the CD changer to the VIDEO IN terminal on the television with the video connection cable.

8 Connect the AC mains lead.

• Before making connections:

Make sure the voltage selector is set to the correct position.

- Ⓐ If the power plug will not fit your socket, use the power plug adapter (included).

Insertion of Connector

Even when the connector is perfectly inserted, depending on the type of inlet used, the front part of the connector may jut out as shown in the drawing.

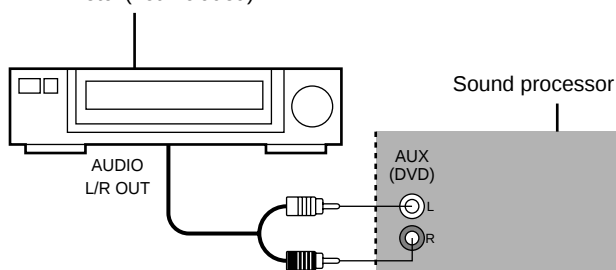
However there is no problem using the unit.

For your reference

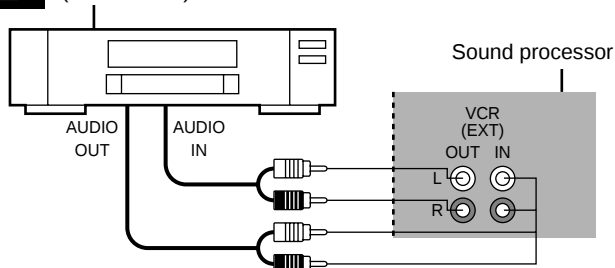
Information you enter into the unit's memory, except for the time, remains intact for up to two weeks after the mains lead is disconnected.

A

Laser disc player/DVD player,
etc. (not included)

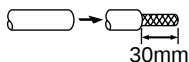
**B**

Video cassette recorder
(not included)

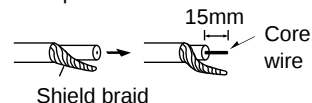
**C**

FM outdoor antenna
(not included)

① Remove a piece of the outer vinyl insulator.



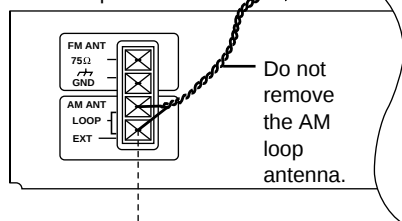
② Twist the shield braid to expose the core wire.



③ Connect the shield braid and the core wire as shown at the left.

**D**

Tuner amplifier



5-12m
AM outdoor antenna (not included)

External unit connections

- Make sure that the power supply for all components has been turned off before making any connections.
- For details, refer to the operating instructions of the units which are to be connected.
- All peripheral components and cables sold separately.

Stereo connection cable (not included)

White (L) Red (R)

A Laser disc player/DVD player, etc.

This unit has Dolby Pro Logic circuitry. If the audio output of video equipment is connected to the AUX terminal of this unit, the sound will be reproduced with the same powerful stereophonic effects found in movie theaters.

B Video cassette recorder

You can playback sound from the VCR through this unit or record sound from this unit.

Optional antenna connections

You may need an outdoor antenna if you use this system in a mountainous region or inside a reinforced-concrete building, etc.

FM outdoor antenna (not included) **A**

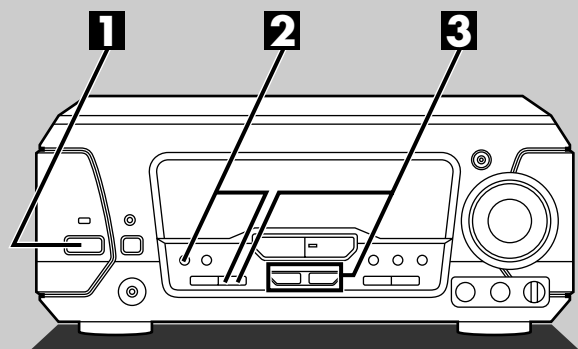
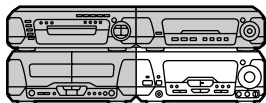
AM outdoor antenna (not included) **B**

Connect the outdoor antenna without removing the AM loop antenna. Run 5 to 12 m of vinyl-covered wire horizontally along a window or other convenient location.

Note

When the unit is not in use, disconnect the outdoor antenna to prevent possible damage that may be caused by lightning. Never use an outdoor antenna during an electrical storm.

Setting the Time



This is a 24-hour display clock.

The figure shows how to set the time for 16:25.

1 Press [⏻/⏻] to turn the unit on.

2 ① Press [CLOCK/TIMER, -DEMO] to show "CLOCK".

Every time you press the button;
CLOCK → ⏻ PLAY → ⏻ REC → Original display



Within 5 seconds:

② Press [SET].

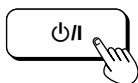
3 ① Press [TUNING (∇ or ▲)] to set the present time on the display.

The time display can be changed in one minute units by tapping the buttons, and quickly by holding down the buttons.

② Press [SET].

The display will return to the previous display after about 3 seconds.

1

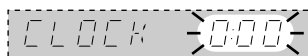
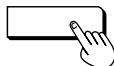


2

① CLOCK/TIMER
-DEMO



② SET

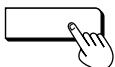


3

① ∇ TUNING ▲



② SET



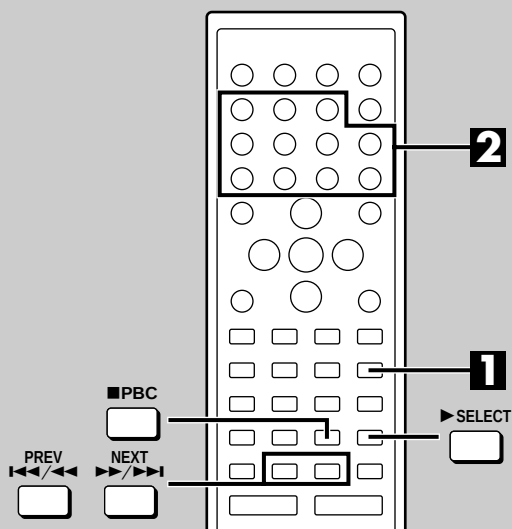
To display the clock:

Press [CLOCK/TIMER, -DEMO].

The time is shown for about five seconds.

The time is shown constantly when the unit and ECO mode are off.

■ Playing CDs



1

1	2	3
4	5	6
7	8	9

TV screen

2

192021

Selected track number

1

1	2	3
4	5	6
7	8	9

2

Selected track number

Multi screen functions

VIDEO CD 1.1

by remote control only

Disc multi screen function

This function divides the screen up into several parts so as to display the picture from each of the tracks. You can select the track you want from the various picture on the screen.

Preparation:

Make sure OSD is on.

1 (While playback is stopped) Press [MULTI SCREEN].

Track 1 will first be played back for a few seconds, then will be displayed as a still picture. The same will then happen for the following tracks. Up to 9 tracks will be displayed on the screen at a time.

To display subsequent tracks: Press [NEXT, ►►/►►]

To display previous tracks: Press [PREV, ◀◀/◀◀]

To cancel the multi screen mode, press [PBC].

2 Select a track number with the numeric buttons.

That track will start playing. The number of the selected track is displayed on the unit's display.

For your reference:

If you press [► SELECT] as a track is being displayed as in step 1, that track will start playing.

Track multi screen function

A track is divided into 9 sections and those sections are shown on the multi screen. Playback can then be started from the section of your choice.

1 (During playback) Press [MULTI SCREEN].

The beginning five second segment of each section is played back, then the last frame of the segment is displayed on the multi screen.

To cancel the multi screen mode, press [PBC].

2 Press a numeric button to select the section.

Playback begins from that section.

For your reference:

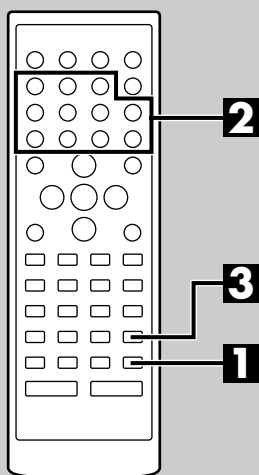
If you press [► SELECT] as a track is being displayed, playback begins from that section.

Note

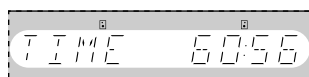
The multi screen functions do not work during program play.

VIDEO CD 2.0

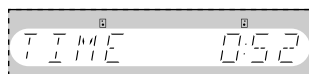
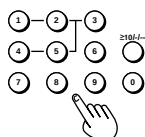
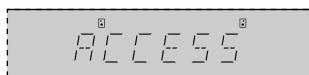
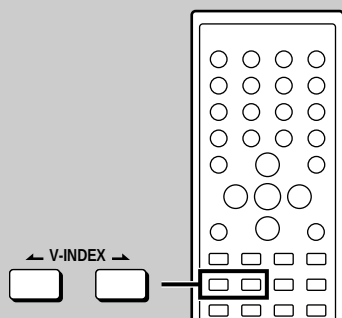
Multi screen functions are possible as described above by cancelling the menu play mode.

A**1**

Ⓐ



Ⓑ

**2****3****B**

To find a scene using the time (TIME ACCESS)

A

This function allows you to specify a time anywhere on the CD and begin play from that point.

VIDEO CD 1.1 AUDIO CD

by remote control only

1 Press [TIME ACCESS].

When the CD is stopped: Ⓐ

Total playing time appears on the display.

When the CD is playing or paused: Ⓑ

Elapsed playing time appears on the display.

2 (within four seconds after the time appears on the display) Press the numeric buttons to enter the time of the desired part.

To enter time:

Press the numeric button corresponding to the desired time.

Example:

22:40: 2→2→4→0

00:25: 0→0→2→5

Press [TIME ACCESS] and begin again if you make a mistake.

Note

The time to be entered should be a portion of the total playing time. If, for example, you are playing track 2, and you enter "0:25", play does not begin from 25 seconds into track 2, but rather it begins from 25 seconds into track 1.

3 Press [▶ SELECT].

Play starts from the selected time.

Note

Time access does not work during program play.

VIDEO CD 2.0

This function works if menu play is canceled.

To find a particular scene using a video index number

B

VIDEO CD 1.1

by remote control only

A particular scene in a track you want to watch can be located by selecting a video index number.

Check the user's manual or other material for information on whether video CD software contains video index numbers.

Press [V-INDEX (←) or (→)] in the play or pause mode to select the video index number.

Play starts at the video index selected.

Note

- The video index search function is available with a track in play only.
- With some discs, it may not be possible to make a video index search with the motion picture.

VIDEO CD 2.0

The function works if menu play is canceled.