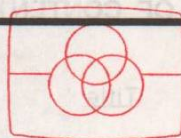


TA-F461R

SERVICE MANUAL



Free service manuals

Gratis schema's

Digitized by

AEP Model

www.freesevicemanuals.info



SPECIFICATIONS

Amplifier

Power output (both channels driven simultaneously)

DIN, 1 kHz	4 ohms	70 W + 70 W
	8 ohms	55 W + 55 W
20 Hz - 20 kHz	8 ohms	45 W + 45 W

Input

Input jack	Jack type	Sensitivity	Impedance
PHONO	Phono	2.5 mV	50 kilohms
TUNER, CD, AUX, TAPE 1/DAT, TAPE 2/MD	Phono	150 mV	20 kilohms

S/N

PHONO A, 5 mV	80 dB
TUNER, CD, AUX, TAPE 1/DAT, TAPE 2/MD	105 dB

Output

Output jack	Jack type	Output level/impedance
REC OUT	Phono jack	Voltage 150 mV Impedance 1 kilohm
SPEAKERS	—	4 - 16 ohms SPEAKERS A + B: 8 - 16 ohms
PHONES	Stereo phone jack	10 mW (at 8 ohms) Accepts low and high impedance headphones

Tone controls

	Response	Turnover frequency
BASS	±7 dB (100 Hz)	300 Hz
TREBLE	±7 dB (10 kHz)	3 kHz

Harmonic distortion Less than 0.025 % at 10 W output

Intermodulation (IM) distortion (60 Hz : 7 kHz = 4:1)

Less than 0.025 % at 10 W output

Frequency response PHONO: RIAA equalization curve
±0.5 dB

TUNER, CD, AUX, TAPE 1/DAT,

TAPE 2/MD: 7 Hz - 100 kHz ±3 dB

Residual noise Less than 170 µV (network A)

Damping factor 60 (8 ohms, 1 kHz)

General

System

Preamplifier: Low-noise, equalizer
amplifierPower amplifier: Pure-complementary
SEPP OCL power amplifier with all
stages directly coupled

Power requirements

220 V - 230 V AC, 50/60 Hz

Power consumption

170 W

Dimensions

Approx. 430 × 135 × 315 mm (w/h/d)
(17 × 5 3/8 × 12 1/2 inches)

Mass

Approx. 5.6 kg (12 lb 6 oz)

Supplied accessories

Remote commander RM-S312 (1)
Sony SUM-3 (NS) batteries (2)

The above values are measured at 230 V AC.

Design and specifications are subject to change without notice.



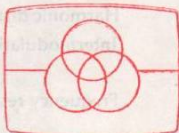
MICROFILM

INTEGRATED STEREO AMPLIFIER

SONY®

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
SECTION 1. GENERAL		3
SECTION 2. ELECTRICAL ADJUSTMENT		4
SECTION 3. DIAGRAMS		
3-1. Circuit Boards Location		4
3-2. IC Pin Function		
• IC701 TMP47C200B		5
3-3. Printed Wiring Board — Main Section —		6
3-4. Schematic Diagram — Main Section —		9
3-5. Printed Wiring Board — Panel Section —		12
3-6. Schematic Diagram — Panel Section —		15
SECTION 4. EXPLODED VIEWS		
4-1. Front Panel Section		18
4-2. Chassis Section		19
SECTION 5. ELECTRICAL PARTS LIST		20



Free service manuals
Gratis schema's

Digitized by

www.freeservicemanuals.info

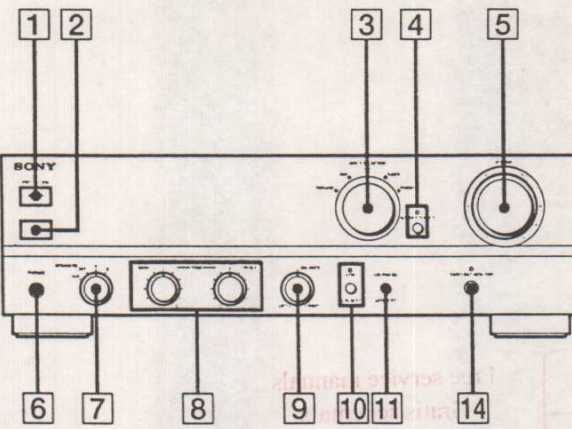
SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY MARK Δ OR DOTTED LINE WITH MARK Δ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SECTION 1 GENERAL

This section is extracted from instruction manual.

Front Panel

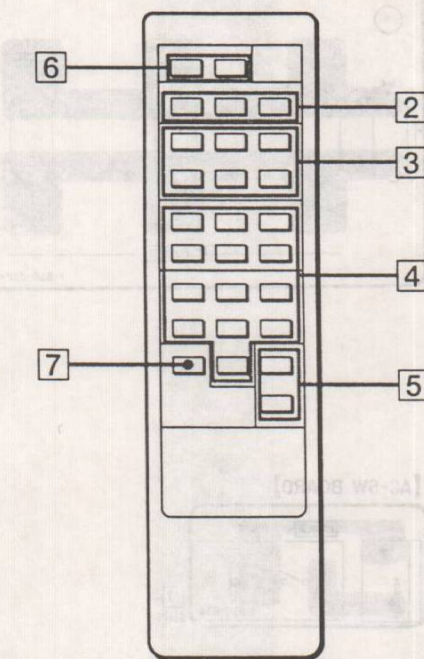


- 1 POWER switch and PROTECTION indicator
Immediately after turning on the POWER switch, the PROTECTION indicator flashes, then goes off.
- 2 Remote control sensor
- 3 INPUT SELECTOR and indicators
- 4 SOURCE DIRECT button and indicator
- 5 VOLUME control
- 6 PHONES jack
- 7 SPEAKERS selector
- 8 TONE (BASS/TREBLE) controls
- 9 BALANCE control
- 10 EON button and indicator
- 11 LOUDNESS button
- 14 TAPE 1/DAT MONITOR button and indicator

Remote Commander

Supplied remote commander can control Sony equipment such as tuner, CD players, and tape decks.

RM-S312



- 2 TUNER operation buttons
TUNER: Select the TUNER mode.
PRESET +/- buttons: Select the preset station.
- 3 CD operation buttons
◀▶/▶▶: Automatic music sensor.
D. (Disc) SKIP: Disc skip (for CD player equipped with a multi-disc changer)
▶: The amplifier enters the CD mode and the CD player starts playback automatically.
■: Stop.
⏸: Pause.
- 4 TAPE 2 DECK A/DECK B operation buttons
◀▶/▶▶: Fast winding.
■: Stop.
▶: The amplifier enters the TAPE 2 mode and the tape deck starts reverse playback automatically.
▶: The amplifier enters the TAPE 2 mode and the tape deck starts forward playback automatically.
● + ▶: Start recording
● + ◀: Start recording in the reverse direction
⏸: Pause. (Only for DECK B)
- 5 VOL (Volume) +/- buttons
- 6 PHONO operation buttons
START: Pressing START automatically selects the PHONO mode on the amplifier and starts playback of the turntable system.
STOP: Stops playback of the turntable system.
- 7 DAT/TAPE 1 button
Selects the DAT or TAPE 1 mode.

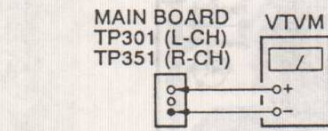
SECTION 2 ELECTRICAL ADJUSTMENT

Note:

1. DC BIAS adjustments should be made within 2 to 3 minutes after the POWER switch is turned on (POWER ON).
2. After replacing the power transistors, DC BIAS adjustments should be made.

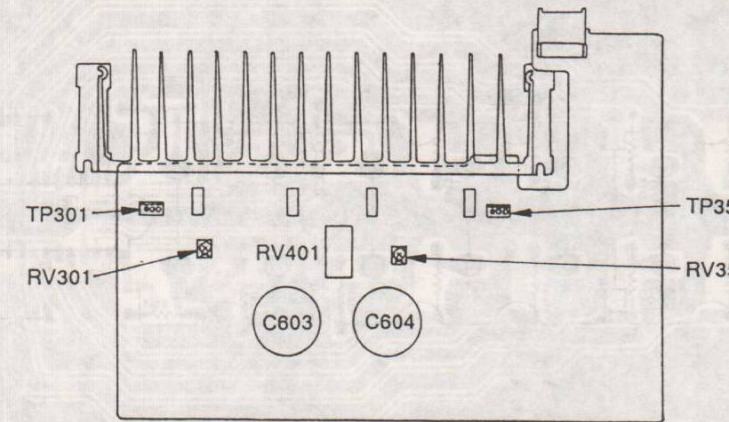
DC Bias Adjustment (with no signal input)

Procedure:



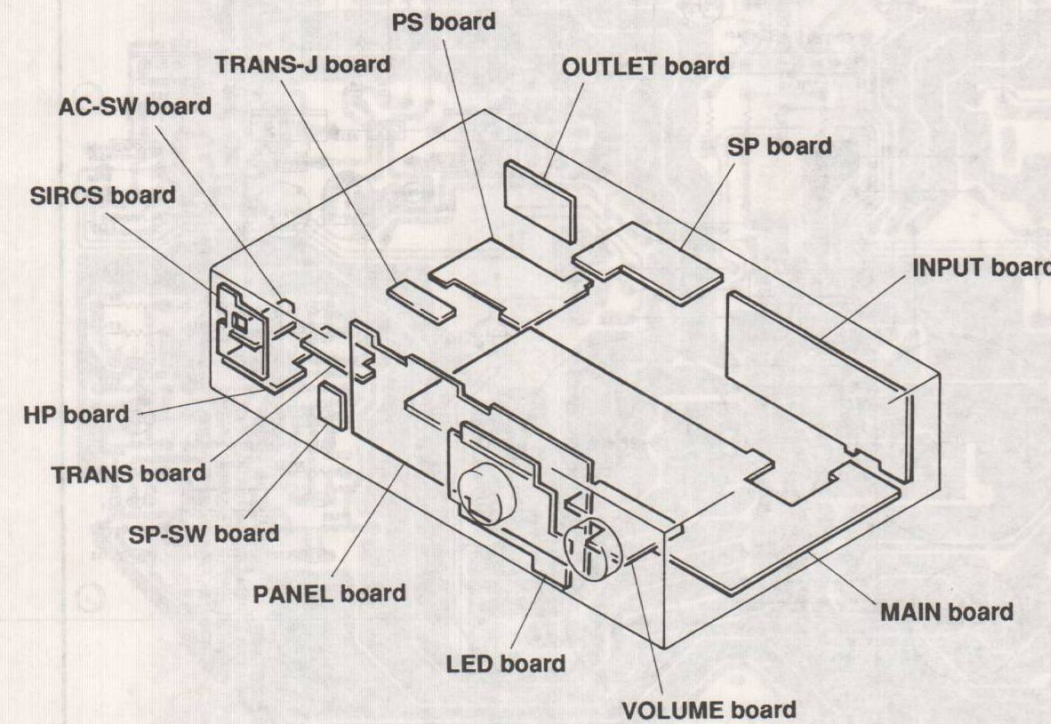
	Adjustment part	Reading on VTVM
L-CH	RV301	20 mV
R-CH	RV351	20 mV

[ADJUSTMENT LOCATIONS]



SECTION 3 DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. IC PIN FUNCTION

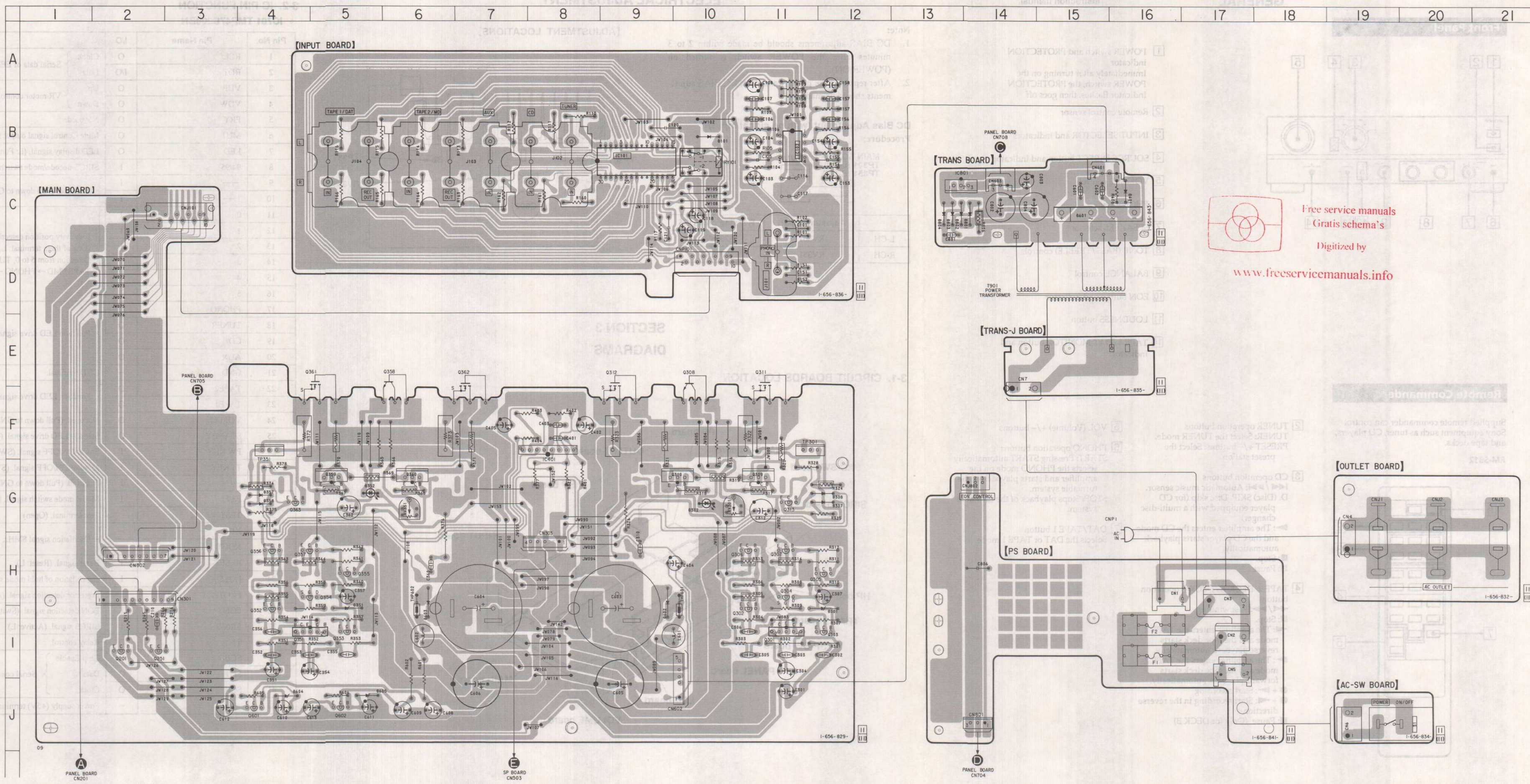
• IC701 TMP47C200BN

Pin No.	Pin Name	I/O	Function
1	RCL	O	Clock
2	RDT	I/O	Data
3	VUP	O	Up
4	VDW	O	Down
5	PRY	O	Not used.
6	MUT	O	Mute Control signal output when switching. (Mute: H)
7	LED	O	LED display signal. (L: Function LED is turned on.)
8	94/95	I	SIRCS decode/mode switching signal. (Pull down to GND.)
9	—	I	Not used. (Pull down to GND.)
10	—	I	
11	0	I	Relativity position detection signal of rotary switch. (One of them terminal: L, the other terminal: H) Direction from 5 to 0, TUNER → CD → AUX → TAPE2/MD → PHONO → TUNER → ·····
12	1	I	
13	2	I	
14	3	I	
15	4	I	
16	5	I	Function LED drive signal. (ON: L)
17	PHONO	O	
18	TUNER	O	
19	CD	O	
20	AUX	O	Function LED drive signal. (ON: L)
21	GND	—	
22	TAPE2	O	Function LED drive signal. (ON: L)
23	TAPE1	O	
24	VOLLED	O	Not used. (Pull down to GND.)
25	STANBY	O	Standby LED drive signal. (ON: L)
26	PW KEY	I	Power ON/OFF signal. (SW ON: L)
27	T1 KEY	I	Monitor ON/OFF signal. (SW ON: L)
28	—	I	Not used. (Pull down to GND.)
29	F3/F5	I	Model mode switch signal. (Pull down to GND.)
30	TEST	I	Test terminal. (Open)
31	XIN	—	Oscillation signal 8MHz.
32	XOUT	—	
33	RESET	I	Reset signal. (Reset: L)
34	HOLD	I	Cancellation of hold mode signal. (Start: H)
35	PROTECT	I	Protector detection signal. (Active: H)
36	EON	I	EON detection signal. (Switch to TUNER, when H to L.)
37	SIRCS	I	SIRCS signal. (Active: L)
38	T1	O	Relay control.
39	SCE	O	Chip Enable
40	SDT	O	Data
41	SCK	O	Clock
42	+5V	—	Power supply (+5V) terminal.

3-3. PRINTED WIRING BOARD — MAIN SECTION —
• See page 4 for Circuit Boards Location.

• Semiconductor Location

Ref. No.	Location
D101	B-10
D301	H-12
D302	G-10
D307	G-12
D308	G-12
D351	H-5
D352	G-5
D357	G-4
D358	G-4
D401	C-16
D601	C-15
D602	H-9
D603	H-6
D604	J-4
D605	J-5
D801	C-13
D802	C-13
D803	C-13
D804	C-13
IC101	B-9
IC102	B-11
IC401	F-8
IC801	C-13
Q201	I-2
Q251	I-2
Q301	I-11
Q302	H-11
Q303	I-12
Q304	H-11
Q305	H-12
Q306	H-11
Q307	H-11
Q308	E-10
Q309	G-11
Q310	G-10
Q311	E-11
Q312	E-9
Q313	G-11
Q351	I-4
Q352	H-4
Q353	I-5
Q354	H-4
Q355	H-5
Q356	H-4
Q357	H-4
Q358	E-6
Q359	G-5
Q360	G-6
Q361	E-5
Q362	E-7
Q363	G-4
Q601	J-4
Q602	J-5

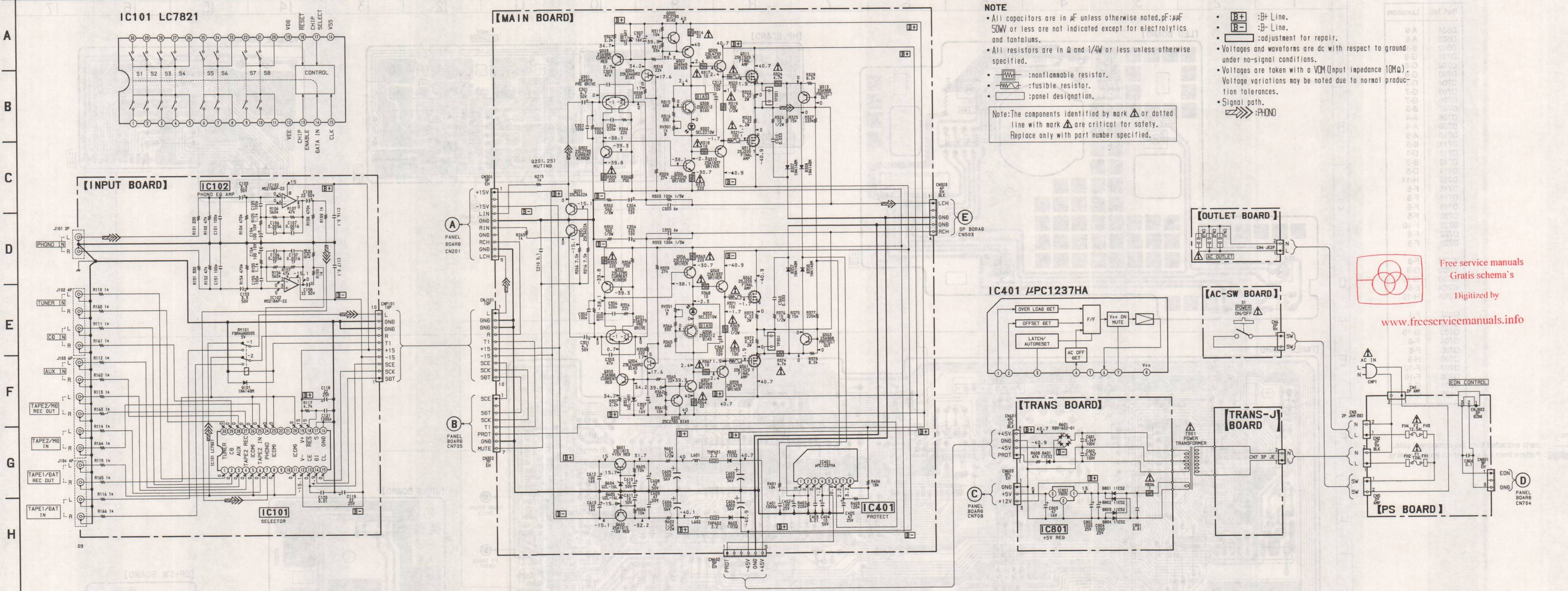


Note:
 • ○ : parts extracted from the component side.
 • ■ : Pattern from the side which enable seeing.

Free service manuals
 Gratis schema's
 Digitized by
www.freeservicemanuals.info

3-4. SCHEMATIC DIAGRAM — MAIN SECTION —

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----



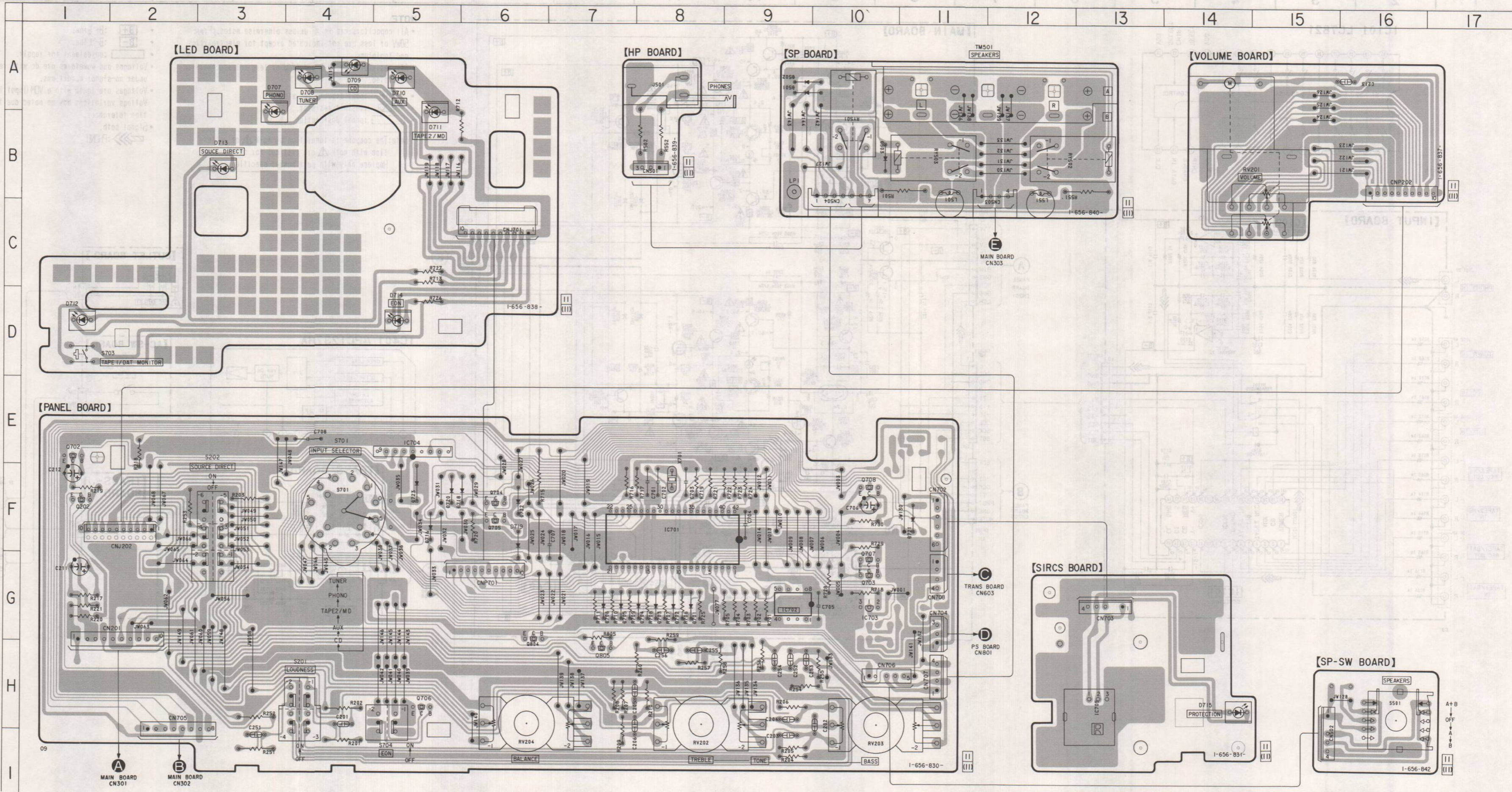
Free service manuals
Gratis schema's
Digitized by
www.freeremove.com

3-5. PRINTED WIRING BOARD — PANEL SECTION —
 • See page 4 for Circuit Boards Location.

Semiconductor Location

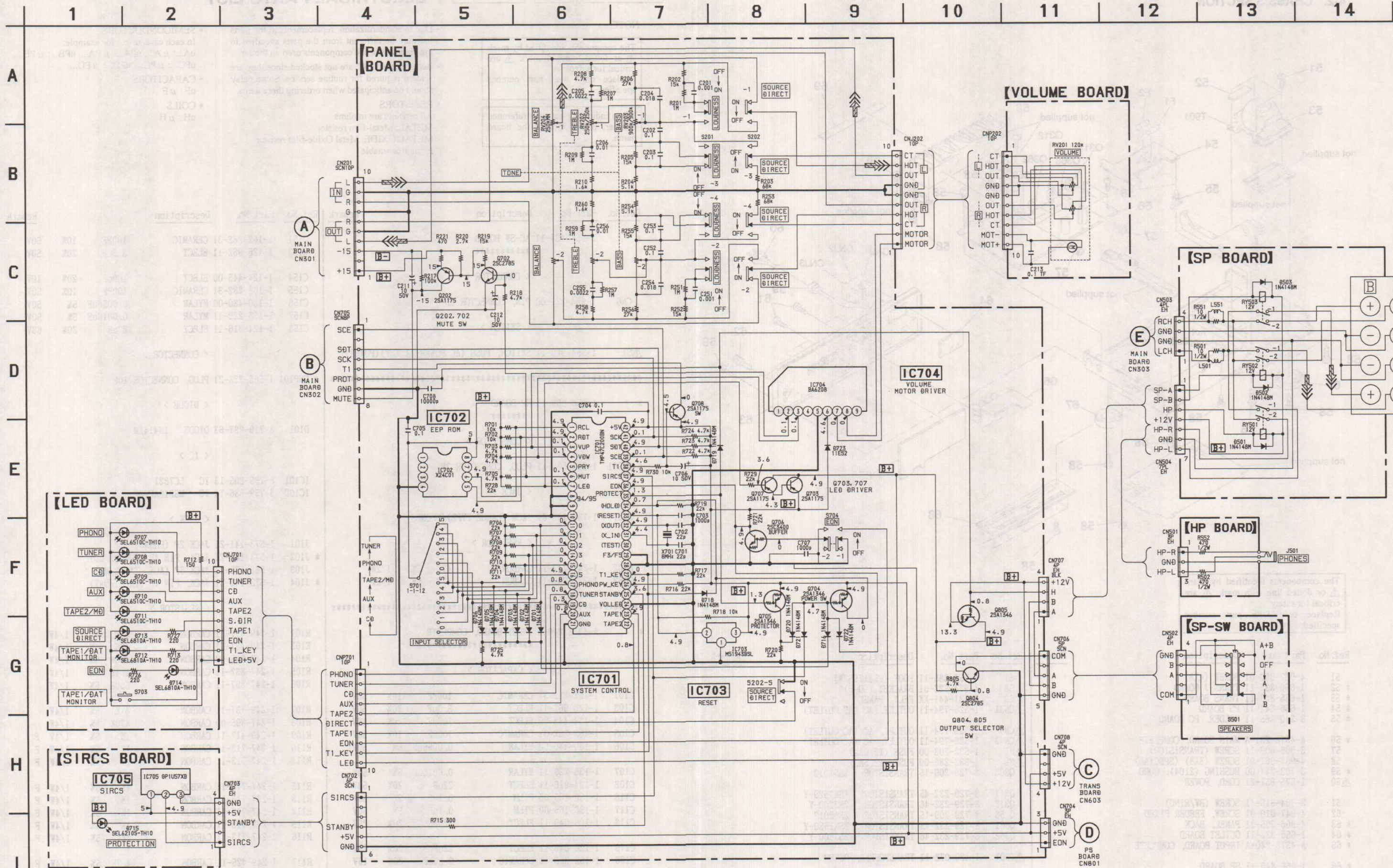
Ref. No.	Location
D501	A-9
D502	A-9
D503	B-10
D701	G-8
D702	G-8
D703	G-8
D704	G-7
D705	G-7
D706	G-7
D707	B-3
D708	A-4
D709	A-4
D710	A-5
D711	B-5
D712	D-1
D713	B-3
D714	D-5
D715	H-14
D716	F-5
D718	F-5
D719	F-6
D720	F-5
D721	F-10
D722	F-6
D723	F-5
IC701	F-8
IC702	G-9
IC703	G-10
IC704	E-5
IC705	H-13
Q202	F-1
Q702	E-1
Q703	G-10
Q704	F-6
Q705	F-6
Q706	H-5
Q707	F-10
Q708	F-10
Q804	G-6
Q805	G-7

Note:
 ○ : parts extracted from the component side.
 ■ : Pattern from the side which enable seeing.

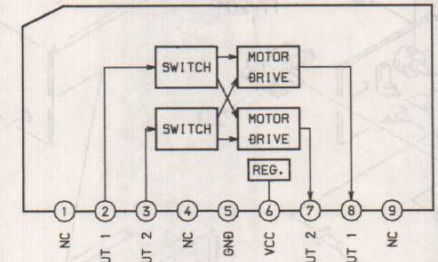


3-6. SCHEMATIC DIAGRAM — PANEL SECTION —

• See page 5 for IC Pin Function. (IC701)



• IC BLOCK DIAGRAM IC704 BA6208



Free service manuals
Gratis schema's

Digitized by

www.freeservicemanuals.info

NOTE

- All capacitors are in μF unless otherwise noted, $\text{pF} = \mu\mu\text{F}$. 50W or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4\text{W}$ or less unless otherwise specified.
- \square : panel designation.

Note: The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

- **B+** : B+ Line.
- **B-** : B- Line.

- Voltages and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (Input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Signal path.

⇒⇒⇒: PHONO

SECTION 4 EXPLODED VIEWS

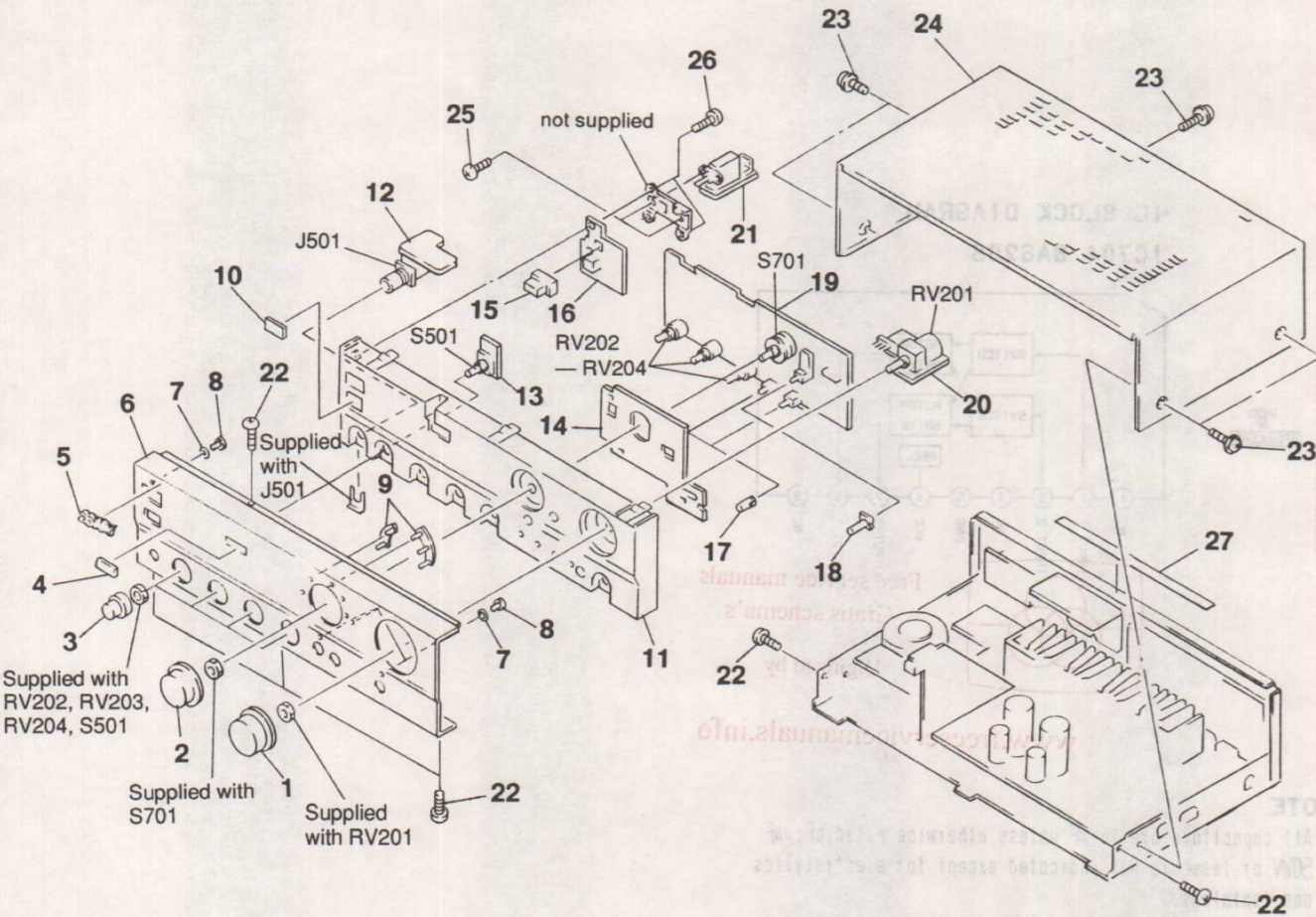
NOTE:

- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

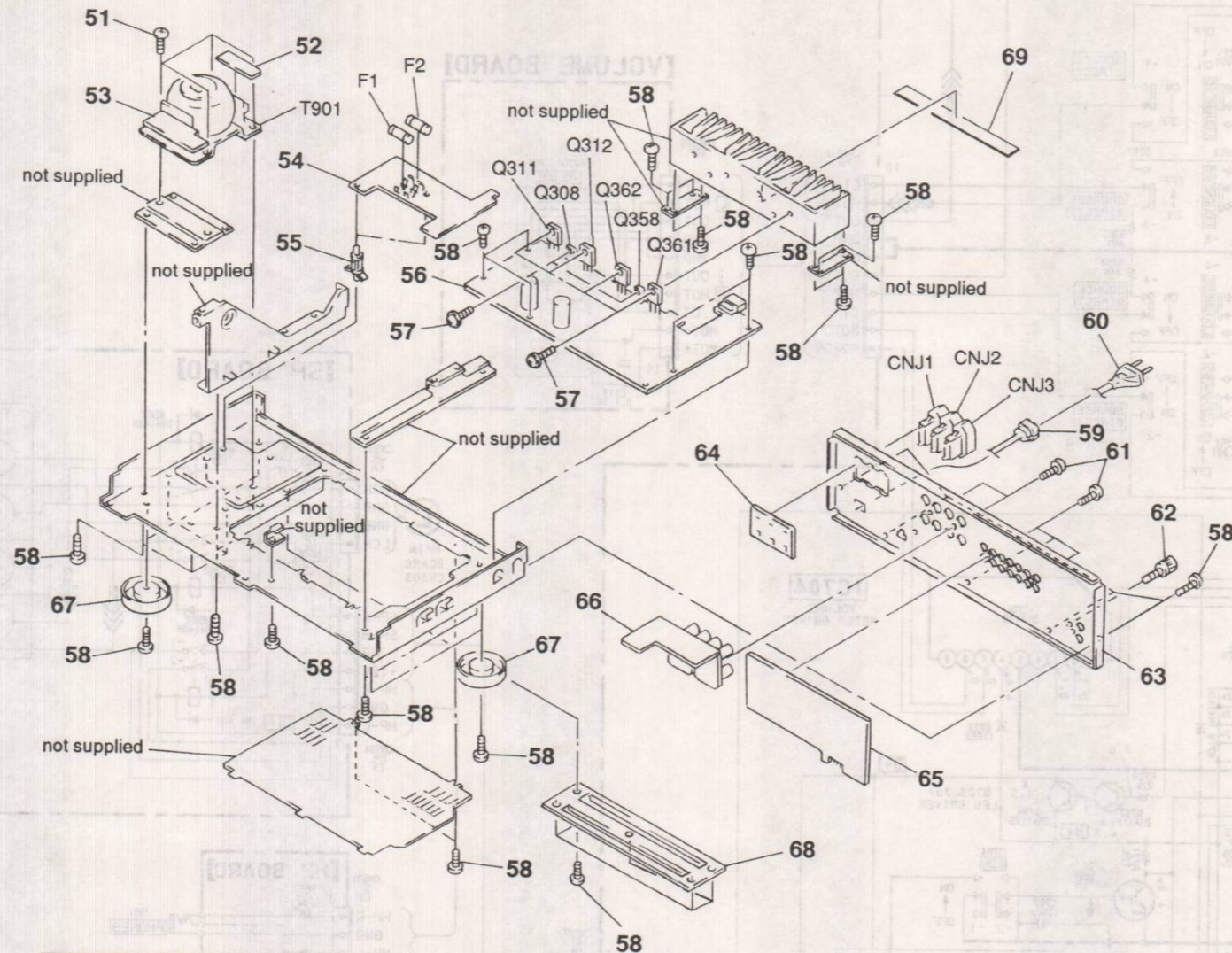
The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

4-1. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	X-4944-844-1	KNOB (VOL) ASSY		18	4-966-000-01	BUTTON (L)	
2	4-966-003-01	KNOB (SEL)		* 19	A-4378-233-A	PANEL BOARD, COMPLETE	
3	4-965-996-01	KNOB (TONE)		* 20	1-656-837-11	VOLUME BOARD	
4	4-965-651-01	EMBLEM (MOS)					
5	4-942-568-01	EMBLEM (NO. 5), SONY		* 21	1-656-834-11	AC-SW BOARD	
6	4-965-991-31	PANEL, FRONT		22	4-967-961-01	SCREW (3X8) (SPECIAL)	
* 7	4-927-881-01	SHEET, ADHESIVE		23	3-704-366-01	SCREW (CASE) (M3X8)	
8	4-938-518-01	INDICATOR (C)		24	4-929-294-71	CASE	
9	4-965-999-01	INDICATOR (3)		25	7-682-548-09	SCREW +BVTT 3X8 (S)	
10	4-931-911-01	FILTER					
11	4-974-890-01	BASE, PANEL		26	4-969-221-01	SCREW (3X12)	
* 12	1-656-839-11	HP BOARD		27	3-831-441-XX	FELT, PANEL	
* 13	1-656-842-11	SP-SW BOARD		J501	1-750-162-61	JACK (LARGE TYPE) (PHONES)	
* 14	1-656-838-11	LED BOARD		RV201	1-223-932-11	RES, VAR, CARBON 120K/120K (VOLUME)	
15	4-917-460-01	KNOB, POWER		RV202	1-223-934-11	RES, VAR, CARBON 250K/250K (TREBLE)	
* 16	1-656-831-11	SIRCS BOARD		RV203	1-223-935-11	RES, VAR, CARBON 900K/900K (BASS)	
17	4-965-997-01	BUTTON (S)		RV204	1-223-933-11	RES, VAR, CARBON 250K/250K (BALANCE)	
				S501	1-762-388-11	SWITCH, ROTARY (SPEAKERS)	
				S701	1-692-967-11	SWITCH, ROTARY (INPUT SELECTOR)	

4-2. CHASSIS SECTION



The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	4-967-960-01	SCREW (4X8)		67	4-956-885-11	FOOT (F58175S2W)	
* 52	1-656-835-11	TRANS-J BOARD		68	4-974-528-01	BRACKET (BO-P)	
* 53	1-656-843-11	TRANS BOARD		69	3-831-441-XX	FELT, PANEL	
* 54	1-656-841-11	PS BOARD		Δ CNJ1	1-526-794-11	OUTLET, AC (AC OUTLET)	
* 55	3-346-265-11	HOLDER, PC BOARD		Δ CNJ2	1-526-794-11	OUTLET, AC (AC OUTLET)	
* 56	A-4378-231-A	MAIN BOARD, COMPLETE		Δ CNJ3	1-526-794-11	OUTLET, AC (AC OUTLET)	
57	3-905-609-11	SCREW (TRANSISTOR)		Δ F1	1-532-203-00	FUSE (T2, 0.1A)	
58	4-967-961-01	SCREW (3X8) (SPECIAL)		Δ F2	1-532-286-00	FUSE (T2, 5A)	
* 59	3-703-244-00	BUSHING (2104), CORD		Q308	8-729-209-15	TRANSISTOR 2SD2012	
Δ 60	1-575-651-21	CORD, POWER		Q311	8-729-232-45	TRANSISTOR 2SK1529-Y	
61	3-704-515-41	SCREW (BV/RING)		Q312	8-729-232-46	TRANSISTOR 2SJ200-Y	
62	4-947-010-01	SCREW, FEEDER FIXED		Q358	8-729-209-15	TRANSISTOR 2SD2012	
* 63	4-966-005-31	PANEL, BACK		Q361	8-729-232-45	TRANSISTOR 2SK1529-Y	
* 64	1-656-832-11	OUTLET BOARD		Q362	8-729-232-46	TRANSISTOR 2SJ200-Y	
* 65	A-4378-240-A	INPUT BOARD, COMPLETE		Δ T901	1-429-078-11	TRANSFORMER, POWER	
* 66	1-656-840-11	SP BOARD					

AC-SW HP INPUT

NOTE:

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board name.

Ref. No.	Part No.	Description	Remark
* 1-656-834-11	AC-SW BOARD	*****	
< CONNECTOR >			
CN6	1-564-321-00	PIN, CONNECTOR 2P	
< SWITCH >			
Δ S1	1-554-920-11	SWITCH, PUSH (AC POWER) (1 KEY) (POWER)	

* 1-656-839-11	HP BOARD	*****	
< CONNECTOR >			
* CN501	1-564-506-11	PLUG, CONNECTOR 3P	
< JACK >			
J501	1-750-162-61	JACK (LARGE TYPE) (PHONES)	
< RESISTOR >			
R502	1-247-747-11	CARBON 470 5% 1/2W	
R552	1-247-747-11	CARBON 470 5% 1/2W	

* A-4378-240-A	INPUT BOARD, COMPLETE	*****	
< CAPACITOR >			
C101	1-162-282-31	CERAMIC 100PF 10% 50V	
C103	1-126-962-11	ELECT 3.3uF 20% 50V	
C104	1-124-443-00	ELECT 100uF 20% 10V	
C105	1-162-282-31	CERAMIC 100PF 10% 50V	
C106	1-130-480-00	MYLAR 0.0056uF 5% 50V	
C107	1-136-229-11	MYLAR 0.0016uF 5% 50V	
C108	1-124-916-11	ELECT 22uF 20% 63V	
C116	1-136-165-00	FILM 0.1uF 5% 50V	
C117	1-136-165-00	FILM 0.1uF 5% 50V	
C118	1-126-049-11	ELECT 22uF 20% 25V	
C119	1-126-049-11	ELECT 22uF 20% 25V	
C120	1-162-306-11	CERAMIC 0.01uF 30% 16V	
C121	1-162-294-31	CERAMIC 0.001uF 10% 50V	

SECTION 5 ELECTRICAL PARTS LIST

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS
All resistors are in ohms
METAL: Metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F : nonflammable

- SEMICONDUCTORS
In each case, u: μ , for example:
uA...: μ A..., uPA...: μ PA..., uPB...: μ PB...,
uPC...: μ PC..., uPD...: μ PD...
- CAPACITORS
uF : μ F
- COILS
uH : μ H

Ref. No.	Part No.	Description	Remark
C151	1-162-282-31	CERAMIC 100PF 10% 50V	
C153	1-126-962-11	ELECT 3.3uF 20% 50V	
C154	1-124-443-00	ELECT 100uF 20% 10V	
C155	1-162-282-31	CERAMIC 100PF 10% 50V	
C156	1-130-480-00	MYLAR 0.0056uF 5% 50V	
C157	1-136-229-11	MYLAR 0.0016uF 5% 50V	
C158	1-124-916-11	ELECT 22uF 20% 63V	
< CONNECTOR >			
* CNP101	1-568-322-21	PLUG, CONNECTOR 10P	
< DIODE >			
D101	8-719-987-63	DIODE 1N4148M	
< IC >			
IC101	8-759-805-13	IC LC7821	
IC102	8-759-636-74	IC M5218AP-22	
< JACK >			
J101	1-573-141-21	JACK 2P (PHONO)	
* J102	1-573-142-21	JACK, PIN 4P (TUNER, CD)	
J103	1-568-978-11	JACK 6P (AUX, TAPE2/MD)	
* J104	1-573-142-21	JACK, PIN 4P (TAPE1/DAT)	
< RESISTOR >			
R101	1-249-411-11	CARBON 330 5% 1/4W	
R102	1-249-437-11	CARBON 47K 5% 1/4W	
R104	1-247-895-00	CARBON 470K 5% 1/4W	
R105	1-247-832-11	CARBON 1.1K 5% 1/4W	
R106	1-247-897-11	CARBON 560K 5% 1/4W	
R107	1-249-437-11	CARBON 47K 5% 1/4W	
R108	1-247-895-00	CARBON 470K 5% 1/4W	
R109	1-249-417-11	CARBON 1K 5% 1/4W F	
R110	1-247-713-11	CARBON 1K 5% 1/4W F	
R111	1-247-713-11	CARBON 1K 5% 1/4W F	
R112	1-247-713-11	CARBON 1K 5% 1/4W F	
R113	1-247-713-11	CARBON 1K 5% 1/4W F	
R114	1-247-713-11	CARBON 1K 5% 1/4W F	
R115	1-247-713-11	CARBON 1K 5% 1/4W F	
R116	1-247-713-11	CARBON 1K 5% 1/4W F	
R117	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R151	1-249-411-11	CARBON 330 5% 1/4W	

INPUT	LED	MAIN
-------	-----	------

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R152	1-249-437-11	CARBON	47K 5% 1/4W	*	A-4378-231-A	MAIN BOARD, COMPLETE	
R154	1-247-895-00	CARBON	470K 5% 1/4W			*****	
R155	1-247-832-11	CARBON	1.1K 5% 1/4W				
R156	1-247-897-11	CARBON	560K 5% 1/4W		8-729-119-79	TRANSISTOR 2SC2785-FEK	
R157	1-249-437-11	CARBON	47K 5% 1/4W		8-729-119-77	TRANSISTOR 2SA1175-FEK	
R158	1-247-895-00	CARBON	470K 5% 1/4W		8-729-620-05	TRANSISTOR 2SC2603-EF	
R159	1-249-417-11	CARBON	1K 5% 1/4W F		8-729-119-76	TRANSISTOR 2SA1175-HFE	
R160	1-247-713-11	CARBON	1K 5% 1/4W F			< CAPACITOR >	
R161	1-247-713-11	CARBON	1K 5% 1/4W F	C210	1-136-165-00	FILM 0.1uF 5% 50V	
R162	1-247-713-11	CARBON	1K 5% 1/4W F	C301	1-126-163-11	ELECT 4.7uF 20% 50V	
R163	1-247-713-11	CARBON	1K 5% 1/4W F	C302	1-110-335-11	MYLAR 100PF 5% 50V	
R164	1-247-713-11	CARBON	1K 5% 1/4W F	C303	1-164-062-11	CERAMIC 47PF 5% 50V	
R165	1-247-713-11	CARBON	1K 5% 1/4W F	C304	1-124-995-11	ELECT 220uF 20% 10V	
R166	1-247-713-11	CARBON	1K 5% 1/4W F	C305	1-102-943-00	CERAMIC 6PF +-0.5PF 50V	
		< RELAY >		C306	1-110-339-11	MYLAR 220PF 5% 50V	
RY101	1-515-622-11	RELAY		C307	1-126-022-11	ELECT 47uF 20% 16V	
		*****		C310	1-136-159-00	FILM 0.033uF 5% 50V	
*	1-656-838-11	LED BOARD	*****	C312	1-126-025-11	ELECT 330uF 20% 10V	
		< CONNECTOR >		C351	1-126-163-11	ELECT 4.7uF 20% 50V	
* CNJ701	1-691-244-11	SOCKET, CONNECTOR 10P		C352	1-110-335-11	MYLAR 100PF 5% 50V	
		< DIODE >		C353	1-164-062-11	CERAMIC 47PF 5% 50V	
D707	8-719-303-02	DIODE SEL2510C-D (PHONO)		C354	1-124-995-11	ELECT 220uF 20% 10V	
D708	8-719-303-02	DIODE SEL2510C-D (TUNER)		C355	1-102-943-00	CERAMIC 6PF +-0.5PF 50V	
D709	8-719-303-02	DIODE SEL2510C-D (CD)		C356	1-110-339-11	MYLAR 220PF 5% 50V	
D710	8-719-303-02	DIODE SEL2510C-D (AUX)		C357	1-126-022-11	ELECT 47uF 20% 16V	
D711	8-719-303-02	DIODE SEL2510C-D (TAPE2/MD)		C360	1-136-159-00	FILM 0.033uF 5% 50V	
D712	8-719-301-49	DIODE SEL2810A (TAPE1/DAT, MONITOR)		C362	1-126-025-11	ELECT 330uF 20% 10V	
D713	8-719-301-49	DIODE SEL2810A (SOURCE DIRECT)		C401	1-130-471-00	MYLAR 0.001uF 5% 50V	
D714	8-719-301-49	DIODE SEL2810A (EON)		C402	1-124-478-11	ELECT 100uF 20% 25V	
		< RESISTOR >		C403	1-136-153-00	FILM 0.01uF 5% 50V	
R712	1-249-407-11	CARBON	150 5% 1/4W F	C404	1-124-907-11	ELECT 10uF 20% 50V	
R713	1-249-409-11	CARBON	220 5% 1/4W F	C405	1-124-477-11	ELECT 47uF 20% 25V	
R726	1-249-409-11	CARBON	220 5% 1/4W F	C603	1-109-866-11	ELECT(SOLID) 6800uF 20% 56V	
R727	1-249-409-11	CARBON	220 5% 1/4W F	C604	1-109-866-11	ELECT(SOLID) 6800uF 20% 56V	
		< SWITCH >		C605	1-126-067-11	ELECT(SOLID) 1000uF 20% 56V	
S703	1-554-303-21	SWITCH, TACTILE (EON)		C606	1-126-067-11	ELECT(SOLID) 1000uF 20% 56V	
		*****		C608	1-124-910-11	ELECT 47uF 20% 50V	
				C609	1-124-910-11	ELECT 47uF 20% 50V	
				C610	1-124-907-11	ELECT 10uF 20% 50V	
				C611	1-124-907-11	ELECT 10uF 20% 50V	
				C612	1-104-665-11	ELECT 100uF 20% 16V	
				C613	1-104-665-11	ELECT 100uF 20% 16V	
						< CONNECTOR >	
				CN301	1-691-771-11	PLUG (MICRO CONNECTOR) 9P	
				CN302	1-691-769-11	PLUG (MICRO CONNECTOR) 7P	
				CN303	1-691-766-21	PLUG (MICRO CONNECTOR) 4P	
				CN602	1-691-767-11	PLUG (MICRO CONNECTOR) 5P	
				CNJ101	1-568-321-11	SOCKET, CONNECTOR 10P	

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
< DIODE >							
D301	8-719-933-39	DIODE HZS6C1L		Q363	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
D302	8-719-900-19	DIODE SLR34UW5		Q601	8-729-119-78	TRANSISTOR 2SC403SP-51	
D307	8-719-987-63	DIODE 1N4148M		Q602	8-729-201-53	TRANSISTOR 2SA1015-GR	
D308	8-719-987-63	DIODE 1N4148M		< RESISTOR >			
D351	8-719-933-39	DIODE HZS6C1L		R215	1-247-713-11	CARBON 1K 5% 1/4W F	
D352	8-719-900-19	DIODE SLR34UW5		R216	1-247-852-11	CARBON 7.5K 5% 1/4W F	
D357	8-719-987-63	DIODE 1N4148M		R265	1-247-713-11	CARBON 1K 5% 1/4W F	
D358	8-719-987-63	DIODE 1N4148M		R266	1-247-852-11	CARBON 7.5K 5% 1/4W F	
D602	8-719-024-99	DIODE 11ES2-NTA2B		R301	1-249-469-11	CARBON 100K 5% 1/4W F	
D603	8-719-024-99	DIODE 11ES2-NTA2B		R302	1-247-749-11	CARBON 560 5% 1/2W F	
D604	8-719-933-88	DIODE HZS16-2L		R303	1-249-496-11	CARBON 100K 5% 1/3W F	
D605	8-719-933-88	DIODE HZS16-2L		R304	1-247-704-11	CARBON 220 5% 1/4W F	
< IC >				△R305	1-249-409-11	CARBON 220 5% 1/4W F	
IC401	8-759-111-68	IC uPC1237HA		R306	1-247-128-00	CARBON 750 5% 1/4W F	
< COIL >				R307	1-247-717-11	CARBON 2.2K 5% 1/4W F	
* L601	1-428-203-11	COIL, AIR-CORE		R308	1-247-704-11	CARBON 220 5% 1/4W F	
* L602	1-428-203-11	COIL, AIR-CORE		R309	1-249-586-11	CARBON 27K 5% 1/4W F	
< TRANSISTOR >				R310	1-249-462-11	CARBON 22K 5% 1/4W F	
Q201	8-729-141-26	TRANSISTOR 2SC3622A-LK		R311	1-247-725-11	CARBON 10K 5% 1/4W F	
Q251	8-729-141-26	TRANSISTOR 2SC3622A-LK		R312	1-249-497-11	CARBON 33K 5% 1/4W F	
Q301	8-729-620-18	TRANSISTOR 2SA979-FG		△R313	1-249-409-11	CARBON 220 5% 1/4W F	
Q302	8-729-119-79	TRANSISTOR 2SC2785-FEK		△R314	1-249-397-11	CARBON 22 5% 1/4W F	
Q303	8-729-140-82	TRANSISTOR 2SA988-PAFAEA		R315	1-247-711-11	CARBON 680 5% 1/4W F	
Q304	8-729-201-56	TRANSISTOR 2SK246-GR2		R316	1-247-706-11	CARBON 330 5% 1/4W F	
Q305	8-729-119-79	TRANSISTOR 2SC2785-FEK		△R317	1-249-393-11	CARBON 10 5% 1/4W F	
Q306	8-729-021-73	TRANSISTOR 2SC2229-OY-TPE6		△R318	1-249-393-11	CARBON 10 5% 1/4W F	
Q307	8-729-021-74	TRANSISTOR 2SA949-OY-TPE6		△R319	1-247-745-11	CARBON 330 5% 1/2W F	
Q308	8-729-209-15	TRANSISTOR 2SD2012		△R320	1-212-881-11	FUSIBLE 100 5% 1/4W F	
Q309	8-729-017-06	TRANSISTOR 2SC4793		△R321	1-212-881-11	FUSIBLE 100 5% 1/4W F	
Q310	8-729-017-05	TRANSISTOR 2SA1837		R322	1-217-151-00	METAL PLATE 0.22 2W	
Q311	8-729-232-45	TRANSISTOR 2SK1529-Y		R323	1-217-151-00	METAL PLATE 0.22 2W	
Q312	8-729-232-46	TRANSISTOR 2SJ200-Y		△R324	1-249-425-81	CARBON 4.7K 5% 1/4W F	
Q313	8-729-140-82	TRANSISTOR 2SA988-PAFAEA		R325	1-249-431-11	CARBON 15K 5% 1/4W F	
Q351	8-729-620-18	TRANSISTOR 2SA979-FG		R326	1-247-727-11	CARBON 10 5% 1/2W F	
Q352	8-729-119-79	TRANSISTOR 2SC2785-FEK		R327	1-247-887-00	CARBON 220K 5% 1/4W F	
Q353	8-729-140-82	TRANSISTOR 2SA988-PAFAEA		R328	1-249-428-11	CARBON 8.2K 5% 1/4W F	
Q354	8-729-201-56	TRANSISTOR 2SK246-GR2		R351	1-249-469-11	CARBON 100K 5% 1/4W F	
Q355	8-729-119-79	TRANSISTOR 2SC2785-FEK		R352	1-247-749-11	CARBON 560 5% 1/2W F	
Q356	8-729-021-73	TRANSISTOR 2SC2229-OY-TPE6		R353	1-249-496-11	CARBON 100K 5% 1/3W F	
Q357	8-729-021-74	TRANSISTOR 2SA949-OY-TPE6		R354	1-247-704-11	CARBON 220 5% 1/4W F	
Q358	8-729-209-15	TRANSISTOR 2SD2012		△R355	1-249-409-11	CARBON 220 5% 1/4W F	
Q359	8-729-017-06	TRANSISTOR 2SC4793		R356	1-247-128-00	CARBON 750 5% 1/4W F	
Q360	8-729-017-05	TRANSISTOR 2SA1837		R357	1-247-717-11	CARBON 2.2K 5% 1/4W F	
Q361	8-729-232-45	TRANSISTOR 2SK1529-Y		R358	1-247-704-11	CARBON 220 5% 1/4W F	
Q362	8-729-232-46	TRANSISTOR 2SJ200-Y		R359	1-249-586-11	CARBON 27K 5% 1/4W F	
				R360	1-249-462-11	CARBON 22K 5% 1/4W F	
				R361	1-247-725-11	CARBON 10K 5% 1/4W F	
				R362	1-249-497-11	CARBON 33K 5% 1/4W F	
				△R363	1-249-409-11	CARBON 220 5% 1/4W F	

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
△R364	1-249-397-11	CARBON 22 5% 1/4W F		* A-4378-233-A	PANEL BOARD, COMPLETE		
R365	1-247-711-11	CARBON 680 5% 1/4W F		*****			
R366	1-247-706-11	CARBON 330 5% 1/4W F		< CAPACITOR >			
△R367	1-249-393-11	CARBON 10 5% 1/4W F		C201	1-130-471-00	MYLAR 0.001uF 5% 50V	
△R368	1-249-393-11	CARBON 10 5% 1/4W F		C202	1-136-165-00	FILM 0.1uF 5% 50V	
△R369	1-247-745-11	CARBON 330 5% 1/2W F		C203	1-136-165-00	FILM 0.1uF 5% 50V	
△R370	1-212-881-11	FUSIBLE 100 5% 1/4W F		C204	1-136-156-00	FILM 0.018uF 5% 50V	
△R371	1-212-881-11	FUSIBLE 100 5% 1/4W F		C205	1-130-475-00	MYLAR 0.0022uF 5% 50V	
R372	1-217-151-00	METAL PLATE 0.22 2W		C206	1-136-153-00	FILM 0.01uF 5% 50V	
R373	1-217-151-00	METAL PLATE 0.22 2W		C211	1-124-907-11	ELECT 10uF 20% 50V	
△R374	1-249-425-81	CARBON 4.7K 5% 1/4W F		C212	1-124-907-11	ELECT 10uF 20% 50V	
R375	1-249-431-11	CARBON 15K 5% 1/4W F		C251	1-130-471-00	MYLAR 0.001uF 5% 50V	
R376	1-247-727-11	CARBON 10 5% 1/2W F		C252	1-136-165-00	FILM 0.1uF 5% 50V	
R377	1-247-887-00	CARBON 220K 5% 1/4W F		C253	1-136-165-00	FILM 0.1uF 5% 50V	
R378	1-249-428-11	CARBON 8.2K 5% 1/4W F		C254	1-136-156-00	FILM 0.018uF 5% 50V	
R401	1-249-429-11	CARBON 10K 5% 1/4W F		C255	1-130-475-00	MYLAR 0.0022uF 5% 50V	
R402	1-247-887-00	CARBON 220K 5% 1/4W F		C256	1-136-153-00	FILM 0.01uF 5% 50V	
R403	1-247-881-00	CARBON 120K 5% 1/4W F		C701	1-162-207-31	CERAMIC 22PF 5% 50V	
R404	1-249-432-11	CARBON 18K 5% 1/4W F		C702	1-162-207-31	CERAMIC 22PF 5% 50V	
R601	1-247-754-11	CARBON 1.5K 5% 1/2W F		C703	1-162-294-31	CERAMIC 0.001uF 10% 50V	
R602	1-247-754-11	CARBON 1.5K 5% 1/2W F		C704	1-164-159-11	CERAMIC 0.1uF 50V	
R605	1-249-429-11	CARBON 10K 5% 1/4W F		C705	1-164-159-11	CERAMIC 0.1uF 50V	
R606	1-249-429-11	CARBON 10K 5% 1/4W F		C706	1-124-907-11	ELECT 10uF 20% 50V	
< VARIABLE RESISTOR >				C707	1-162-294-31	CERAMIC 0.001uF 10% 50V	
RV301	1-241-761-11	RES, ADJ, CARBON 1K		C708	1-162-294-31	CERAMIC 0.001uF 10% 50V	
RV351	1-241-761-11	RES, ADJ, CARBON 1K		< CONNECTOR >			
< THERMISTOR >				* CN704	1-564-506-11	PLUG, CONNECTOR 3P	
THP601	1-806-882-11	THERMISTOR, POSITIVE 2.2		* CN707	1-564-507-11	PLUG, CONNECTOR 4P	
THP602	1-806-882-11	THERMISTOR, POSITIVE 2.2		* CNJ202	1-568-451-11	HOUSING, CONNECTOR (PC BOARD) 10P	
< TEST PIN >				CNP701	1-766-257-11	PIN, CONNECTOR (PC BOARD) 10P	
* TP301	1-564-506-11	PLUG, CONNECTOR 3P		< DIODE >			
* TP351	1-564-506-11	PLUG, CONNECTOR 3P		D701	8-719-987-63	DIODE 1N4148M	
*****				D702	8-719-987-63	DIODE 1N4148M	
* 1-656-832-11	OUTLET BOARD			D703	8-719-987-63	DIODE 1N4148M	
*****				D704	8-719-987-63	DIODE 1N4148M	
< CONNECTOR >				D705	8-719-987-63	DIODE 1N4148M	
△CNJ1	1-526-794-11	OUTLET, AC (AC OUTLET)		D706	8-719-987-63	DIODE 1N4148M	
△CNJ2	1-526-794-11	OUTLET, AC (AC OUTLET)		D716	8-719-987-63	DIODE 1N4148M	
△CNJ3	1-526-794-11	OUTLET, AC (AC OUTLET)		D718	8-719-987-63	DIODE 1N4148M	
*****				D719	8-719-987-63	DIODE 1N4148M	
				D720	8-719-987-63	DIODE 1N4148M	
				D721	8-719-987-63	DIODE 1N4148M	
				D722	8-719-987-63	DIODE 1N4148M	
				D723	8-719-024-99	DIODE 11ES2-NTA2B	
< IC >				IC701	8-759-343-64	IC TMP47C200BN	

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

PANEL PS

PS SIRCS SP SP-SW TRANS

Ref. No.	Part No.	Description	Remark
IC702	8-759-188-67	IC X24C01P-S	
IC703	8-759-635-63	IC M51943BSL	
IC704	8-759-962-08	IC BA6208	
< TRANSISTOR >			
Q202	8-729-119-77	TRANSISTOR 2SA1175-FEK	
Q702	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q703	8-729-119-77	TRANSISTOR 2SA1175-FEK	
Q704	8-729-900-63	TRANSISTOR DTA124ES	
Q705	8-729-900-63	TRANSISTOR DTA124ES	
Q706	8-729-900-36	TRANSISTOR DTC124ES	
Q707	8-729-119-77	TRANSISTOR 2SA1175-FEK	
Q708	8-729-119-77	TRANSISTOR 2SA1175-FEK	
Q804	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q805	8-729-900-63	TRANSISTOR DTA124ES	
< RESISTOR >			
R201	1-259-500-11	CARBON 1M 5% 1/6W	
R202	1-259-456-11	CARBON 15K 5% 1/6W	
R203	1-259-472-11	CARBON 68K 5% 1/6W	
R204	1-259-445-11	CARBON 5.1K 5% 1/6W	
R205	1-259-456-11	CARBON 15K 5% 1/6W	
R206	1-259-462-11	CARBON 27K 5% 1/6W	
R207	1-259-500-11	CARBON 1M 5% 1/6W	
R208	1-259-444-11	CARBON 4.7K 5% 1/6W	
R209	1-259-500-11	CARBON 1M 5% 1/6W	
R210	1-259-433-11	CARBON 1.6K 5% 1/6W	
R217	1-249-441-11	CARBON 100K 5% 1/4W	
R218	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R219	1-249-431-11	CARBON 15K 5% 1/4W	
R220	1-249-422-11	CARBON 2.7K 5% 1/4W F	
R221	1-249-413-11	CARBON 470 5% 1/4W F	
R251	1-259-500-11	CARBON 1M 5% 1/6W	
R252	1-259-456-11	CARBON 15K 5% 1/6W	
R253	1-259-472-11	CARBON 68K 5% 1/6W	
R254	1-259-445-11	CARBON 5.1K 5% 1/6W	
R255	1-259-456-11	CARBON 15K 5% 1/6W	
R256	1-259-462-11	CARBON 27K 5% 1/6W	
R257	1-259-500-11	CARBON 1M 5% 1/6W	
R258	1-259-444-11	CARBON 4.7K 5% 1/6W	
R259	1-259-500-11	CARBON 1M 5% 1/6W	
R260	1-259-433-11	CARBON 1.6K 5% 1/6W	
R701	1-249-429-11	CARBON 10K 5% 1/4W	
R702	1-249-429-11	CARBON 10K 5% 1/4W	
R703	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R704	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R705	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R706	1-249-433-11	CARBON 22K 5% 1/4W	
R707	1-249-433-11	CARBON 22K 5% 1/4W	
R708	1-249-433-11	CARBON 22K 5% 1/4W	
R709	1-249-433-11	CARBON 22K 5% 1/4W	

Ref. No.	Part No.	Description	Remark
R710	1-249-433-11	CARBON 22K 5% 1/4W	
R711	1-249-433-11	CARBON 22K 5% 1/4W	
R715	1-247-818-11	CARBON 300 5% 1/4W	
R716	1-249-433-11	CARBON 22K 5% 1/4W	
R717	1-249-433-11	CARBON 22K 5% 1/4W	
R718	1-249-429-11	CARBON 10K 5% 1/4W	
R719	1-249-433-11	CARBON 22K 5% 1/4W	
R720	1-249-433-11	CARBON 22K 5% 1/4W	
R721	1-249-433-11	CARBON 22K 5% 1/4W	
R722	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R723	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R724	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R725	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R728	1-249-433-11	CARBON 22K 5% 1/4W	
R729	1-249-433-11	CARBON 22K 5% 1/4W	
R730	1-249-429-11	CARBON 10K 5% 1/4W	
R805	1-249-425-11	CARBON 4.7K 5% 1/4W F	
< VARIABLE RESISTOR >			
RV202	1-223-934-11	RES. VAR, CARBON 250K/250K (TREBLE)	
RV203	1-223-935-11	RES. VAR, CARBON 900K/900K (BASS)	
RV204	1-223-933-11	RES. VAR, CARBON 250K/250K (BALANCE)	
< SWITCH >			
S201	1-762-387-11	SWITCH, PUSH (LOUDNESS)	
S202	1-572-642-11	SWITCH, PUSH (1 KEY) (SOURCE DIRECT)	
S701	1-692-967-11	SWITCH, ROTARY (INPUT SELECTOR)	
S704	1-571-112-21	SWITCH, PUSH (1 KEY) (EON)	
< VIBRATOR >			
X701	1-579-223-11	OSCILLATOR, CERAMIC (8MHz)	

* 1-656-841-11	PS BOARD	*****	
< CAPACITOR >			
C806	1-164-159-11	CERAMIC 0.1uF 50V	
< CONNECTOR >			
CN1	1-580-230-11	PIN, CONNECTOR (PC BOARD) 2P	
* CN2	1-564-321-21	PIN, CONNECTOR 2P	
CN3	1-580-629-11	PIN, CONNECTOR 2P	
CN5	1-580-230-11	PIN, CONNECTOR (PC BOARD) 2P	
< FUSE >			
△F1	1-532-203-00	FUSE (T2. 0AL)	
△F2	1-532-286-00	FUSE (T2. 5AL)	

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	Remark
< CONNECTOR >			
* CN801	1-564-506-11	PLUG, CONNECTOR 3P	
CN802	1-566-212-11	PIN, CONNECTOR 3P (EON CONTROL)	
< FUSE HOLDER >			
FH1	1-533-233-11	HOLDER, FUSE	
FH2	1-533-233-11	HOLDER, FUSE	
FH3	1-533-233-11	HOLDER, FUSE	
FH4	1-533-233-11	HOLDER, FUSE	

* 1-656-831-11	SIRCS BOARD	*****	
< CONNECTOR >			
CN703	1-691-766-11	PLUG (MICRO CONNECTOR) 4P	
< DIODE >			
D715	8-719-313-43	DIODE SEL6210S-TH10 (PROTECTION)	
< IC >			
IC705	8-749-923-43	IC GPIU57XB	

* 1-656-840-11	SP BOARD	*****	
< CONNECTOR >			
* CN503	1-564-519-11	PLUG, CONNECTOR 4P	
* CN504	1-564-522-11	PLUG, CONNECTOR 7P	
< DIODE >			
D501	8-719-987-63	DIODE 1N4148M	
D502	8-719-987-63	DIODE 1N4148M	
D503	8-719-987-63	DIODE 1N4148M	
< COIL >			
L501	1-428-133-31	COIL, AIR-CORE	
L551	1-428-133-31	COIL, AIR-CORE	
< RESISTOR >			
R501	1-247-727-11	CARBON 10 5% 1/2W	
R551	1-247-727-11	CARBON 10 5% 1/2W	
< RELAY >			
RY501	1-515-921-11	RELAY (12V)	
RY502	1-515-921-11	RELAY (12V)	
RY503	1-515-921-11	RELAY (12V)	

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	Remark
< TERMINAL >			
* TM501	1-537-762-11	TERMINAL BOARD (SP) (SPEAKER)	

* 1-656-842-11	SP-SW BOARD	*****	
< CONNECTOR >			
CN502	1-691-766-11	PLUG (MICRO CONNECTOR) 4P	
< SWITCH >			
S501	1-762-388-11	SWITCH, ROTARY (SPEAKERS)	

* 1-656-843-11	TRANS BOARD	*****	
< CAPACITOR >			
C601	1-106-383-00	FILM 0.047uF 5% 200V	
C602	1-106-383-00	FILM 0.047uF 5% 200V	
C801	1-136-153-00	FILM 0.01uF 5% 50V	
C802	1-126-942-61	ELECT 1000uF 20% 25V	
C803	1-104-664-11	ELECT 47uF 20% 16V	
C804	1-126-942-61	ELECT 1000uF 20% 25V	
< CONNECTOR >			
* CN601	1-564-519-11	PLUG, CONNECTOR 4P	
* CN603	1-564-518-11	PLUG, CONNECTOR 3P	
< DIODE >			
D401	8-719-024-99	DIODE 11ES2-NTA2B	
D601	8-719-302-38	DIODE RBV-602-01	
D801	8-719-024-99	DIODE 11ES2-NTA2B	
D802	8-719-024-99	DIODE 11ES2-NTA2B	
D803	8-719-024-99	DIODE 11ES2-NTA2B	
D804	8-719-024-99	DIODE 11ES2-NTA2B	
< IC >			
IC801	8-759-231-53	IC TA7805S	
< RESISTOR >			
R408	1-249-437-11	CARBON 47K 5% 1/4W	
△R806	1-249-447-11	CARBON 1 5% 1/4W	

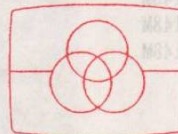
TRANS-J VOLUME

Ref. No.	Part No.	Description	Remark
*	1-656-835-11	TRANS-J BOARD *****	

*	1-656-837-11	VOLUME BOARD ***** < CAPACITOR >	
C213	1-136-165-00	FILM 0.1uF 5% 50V < CONNECTOR >	
* CNP202	1-568-455-11	PIN, CONNECTOR (PC BOARD) 10P < VARIABLE RESISTOR >	
RV201	1-223-932-11	RES, VAR, CARBON 120K/120K (VOLUME)	

		MISCELLANEOUS *****	
△60	1-575-651-21	CORD, POWER	
△CNJ1	1-526-794-11	OUTLET, AC (AC OUTLET)	
△CNJ2	1-526-794-11	OUTLET, AC (AC OUTLET)	
△CNJ3	1-526-794-11	OUTLET, AC (AC OUTLET)	
△F1	1-532-203-00	FUSE (T2.0AL)	
△F2	1-532-286-00	FUSE (T2.5AL)	
J501	1-750-162-61	JACK (LARGE TYPE) (PHONES)	
Q308	8-729-209-15	TRANSISTOR 2SD2012	
Q311	8-729-232-45	TRANSISTOR 2SK1529-Y	
Q312	8-729-232-46	TRANSISTOR 2SJ200-Y	
Q358	8-729-209-15	TRANSISTOR 2SD2012	
Q361	8-729-232-45	TRANSISTOR 2SK1529-Y	
Q362	8-729-232-46	TRANSISTOR 2SJ200-Y	
RV201	1-223-932-11	RES, VAR, CARBON 120K/120K (VOLUME)	
RV202	1-223-934-11	RES, VAR, CARBON 250K/250K (TREBLE)	
RV203	1-223-935-11	RES, VAR, CARBON 900K/900K (BASS)	
RV204	1-223-933-11	RES, VAR, CARBON 250K/250K (BALANCE)	
S501	1-762-388-11	SWITCH, ROTARY (SPEAKERS)	
S701	1-692-967-11	SWITCH, ROTARY (INPUT SELECTOR)	
△T901	1-429-078-11	TRANSFORMER, POWER	

Ref. No.	Part No.	Description	Remark
		ACCESSORIES & PACKING MATERIALS *****	
	1-467-107-11	REMOTE COMMANDER (RM-S312)	
	3-798-913-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (AEP)	
	3-798-913-21	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (AEP)	
	3-798-913-31	MANUAL, INSTRUCTION (GERMAN) (G)	
	4-941-762-11	COVER (MLY), BATTERY (for RM-S312)	
*	4-967-239-01	CUSHION	
*	4-977-072-01	INDIVIDUAL CARTON	



Free service manuals
Gratis schema's

Digitized by

www.freeservicemanuals.info

The components identified by mark **△** or dotted line with mark **△** are critical for safety. Replace only with part number specified.

The components identified by mark **△** or dotted line with mark **△** are critical for safety. Replace only with part number specified.

Sony Corporation
Consumer A&V Products Company
Home A&V Products Div.

English
95E097549-1
Printed in Germany
© 1995. 5

Published by Home A&V Products Div.
Quality Engineering Dept.