

TA-V77

SERVICE MANUAL

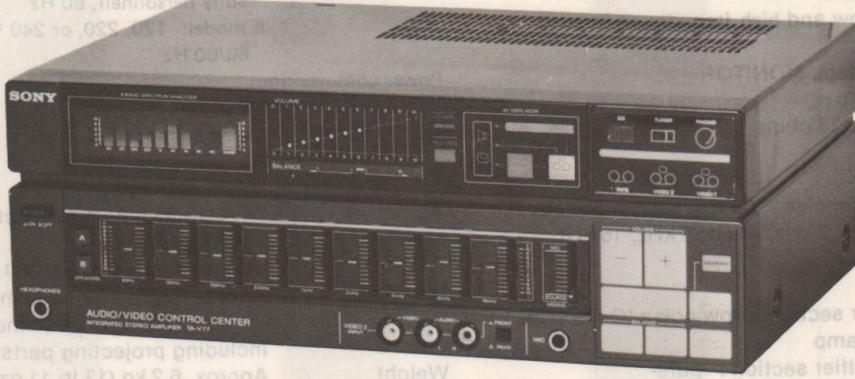
US Model

Canadian Model

AEP Model

UK Model

E Model



V 355.0 = 8b 0

SPECIFICATIONS

Inputs

	Sensitivity	Impedance	Maximum input capability (1 kHz)	S/N (weighting network, input level)
PHONO	2.5 mV	50 kΩ	100 mV	73 dB 75 dB* (A, 2.5 mV)
TUNER				98 dB
CD	150 mV	50 kΩ	—	80 dB*
AUX				(A, 150 mV)
TAPE				
VIDEO1,2 (audio)				
MIC	2 mV	50kΩ	—	70 dB 70 dB* (A, 2 mV)

* '78 IHF

— Continued on Page 2 —

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK

⚠ 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.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

INTEGRATED STEREO AMPLIFIER

SONY®



MICROFILM

AUD

SAFETY CHECK-OUT (US Model)

After correcting the original service problem, perform the following safety check before releasing the set to the customer:

Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamper). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
 2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

To Exposed Metal
Parts on Set

lensq th

$0.15 \mu F$

$1.5 k\Omega$

AC voltmeter (0.75 V)

Earth Ground

Fig. A. Using an AC voltmeter to check AC leakage.

SERVICING NOTE

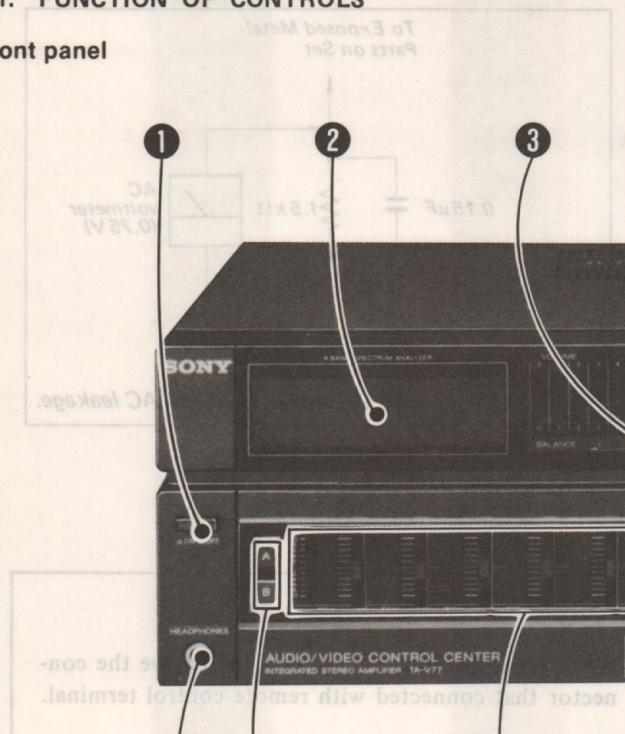
When repairing this set, be sure to remove the connector that connected with remote control terminal.



SECTION 1 OUTLINE

1-1. FUNCTION OF CONTROLS

Front panel



① POWER switch

Press this switch to turn on the power (Δ ON). Press again to turn off the power (\square OFF). When the power is supplied, the AUDIO SOURCE indicator and either the VIDEO 1 or VIDEO 2 indicator, whichever was selected previously, or the AV INDICATOR light and the TUNER input is automatically selected.

② 9-BAND SPECTRUM ANALYZER

This indicates the right and left input level with the same frequency division of the built-in graphic equalizer.

③ BALANCE indicator

When the L or R side of the BALANCE control keys is kept pressed, the bar moves in the corresponding direction. The movement of the bar is not proportional to the number of times the BALANCE key is pressed.

④ VOLUME indicator

This indicates the output volume level. As the indication moves towards the top right, the volume level increases. When the power is turned on, the volume level set last flickers and goes off once. Then the volume indication gradually increases to the last preset level.

⑤ MUTING indicator

This indicator lights when the MUTING key is pressed.

⑥ WAKE UP VOLUME indicator

This indicator flickers when the MEMORY key is pressed and the wake-up volume is memorized. When the indicator lights, the wake up volume feature stands by.

⑦ AV INDICATOR

This indicates the signal flow of the audio and video sources.

⑧ FUNCTION keys

Press the appropriate key to select the input signal source. The built-in indicator lights.

⑨ WAKE UP VOLUME key and MEMORY key

Once the wake-up volume level is preset, play at the preset volume level is possible when the power is turned on next time.

MEMORY: Press to memorize the wake-up volume level.

WAKE UP VOLUME: Press to set the wake-up volume level or to put the wake-up volume feature on stand-by.

⑩ GRAPHIC EQUALIZER key

Press to activate the graphic equalizer. The indicators located at the left of each controls light. To bypass the graphic equalizer, press the key again.

⑪ BALANCE control keys

Press to govern the amount of sound coming from each speaker or headphones, for optimum stereo effect.

⑫ MUTING key

Press to decrease the sound level temporarily. Press again to resume the original sound level. When this key is pressed, the MUTING indicator lights. The VOLUME indicator illumination does not change.

⑬ VOLUME control keys

Press the + side to increase the volume level. Press the - side to decrease the volume level.

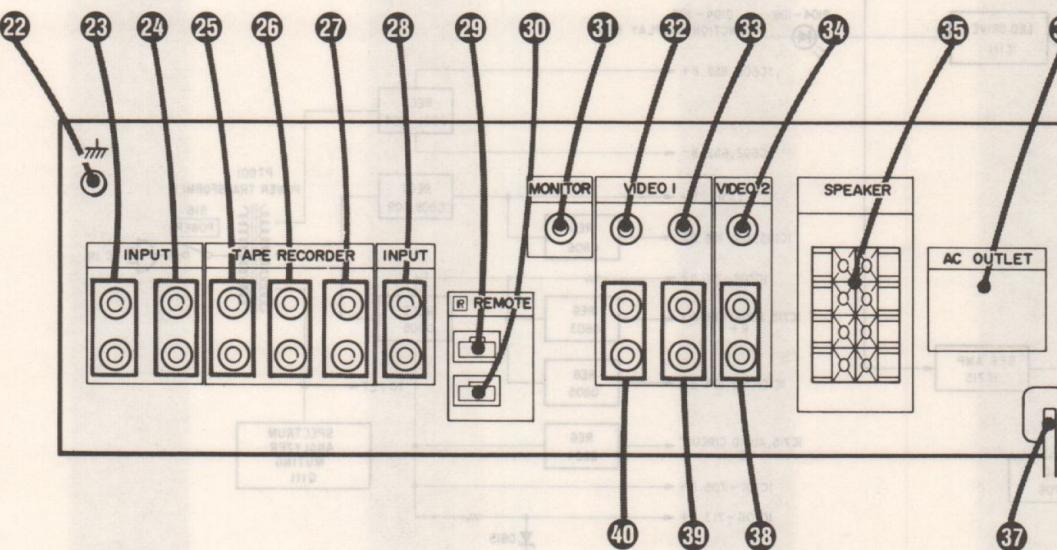
When the power is supplied, the volume level gradually increases to the level which was set previously.

⑭ MIC MIXING control

This adjusts the balance between the volume of the microphone and the program source. Slide the control towards MIC for increased microphone volume. Slide the control towards SOURCE for increased source volume. When microphone mixing is not done, slide this control fully down to SOURCE.

⑮ MIC jack

For connecting a microphone used for microphone mixing.

Rear panel**⑯ Video selector switch**

This selects the source connected to the VIDEO 2 IN jacks on the rear panel or VIDEO 2 INPUT jacks on the front panel.

□ FRONT: To select the source connected to the VIDEO 2 INPUT jacks on the front panel.

□ REAR: To select the source connected to the VIDEO 2 IN jacks on the rear panel.

⑰ VIDEO 2 AUDIO INPUT jacks

Connect the audio output of a second video recorder, microcomputer, etc. to these jacks. For audio tape dubbing, use these jacks for connection of a playback tape deck.

⑱ VIDEO 2 VIDEO INPUT jack

Connect the video output of a second video recorder, microcomputer, etc. to this jack.

⑲ Graphic equalizer controls and indicators

Slide the controls of the frequency band upwards (+10) or downwards (-10) to equalize the sound of the program source selected with the FUNCTION key.

⑳ SPEAKERS selectors

Depress to select speaker system A, B or both.

㉑ HEADPHONES jack

Accepts all low or high impedance stereo headphones.

㉒ Ground terminal (⏚)

To prevent hum, be sure to connect the ground wire of the turntable system to this ground terminal. If hum persists, it may be helpful to connect the ground terminal directly to earth via a ground rod.

㉓ PHONO input jacks

Accept the output of a turntable system.

㉔ CD (Compact Disc) input jacks

Accept the output of a compact disc player.

㉕ TAPE RECORDER REC OUT 1 jacks

Accept the input of a double cassette deck for recording. When using a double cassette deck other than a Sony model, connect the deck to TAPE RECORDER REC OUT 2 jacks.

㉖ TAPE RECORDER TAPE input jacks

Accept the output of a tape deck for playback.

㉗ TAPE RECORDER REC OUT 2 jacks

Accept the input of a normal cassette deck or double cassette deck other than a Sony model for recording.

㉘ TUNER input jacks

Accept the output of a tuner.

㉙ [R] REMOTE OUT (remote control output) connector

Connect to the [R] REMOTE IN connector of other Sony equipment (PS-LX550, PS-FL770 etc.) with the supplied 4-pin remote control cord for whole audio system remote control.

㉚ [R] REMOTE IN (remote control input) connector

Use this connector to remotely control the whole audio system with the ST-V77/V77L system control tuner. For details, refer to the operating instructions of the ST-V77/V77L.

㉛ MONITOR VIDEO OUT jack

Connect to the VIDEO IN jack of a color monitor.

㉜ VIDEO 1 VIDEO OUT jack

Connect to the VIDEO IN jack of a video recorder for recording.

㉝ VIDEO 2 VIDEO OUT jack

Connect to the VIDEO IN jack of a video recorder for playback.

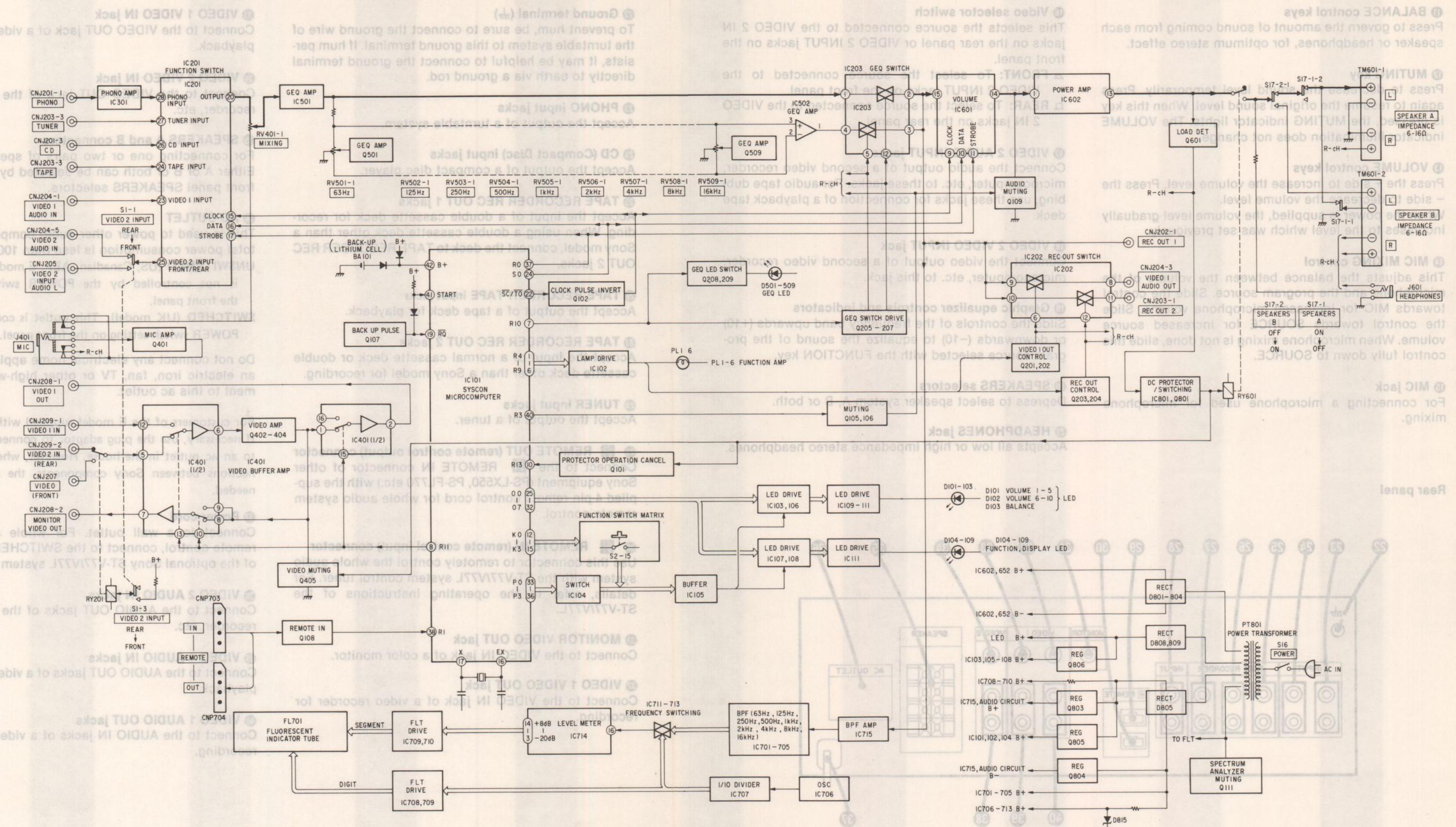
㉞ VIDEO 1 AUDIO IN jacks

Connect to the AUDIO OUT jacks of a video recorder for playback.

㉟ VIDEO 1 AUDIO OUT jacks

Connect to the AUDIO IN jacks of a video recorder for recording.

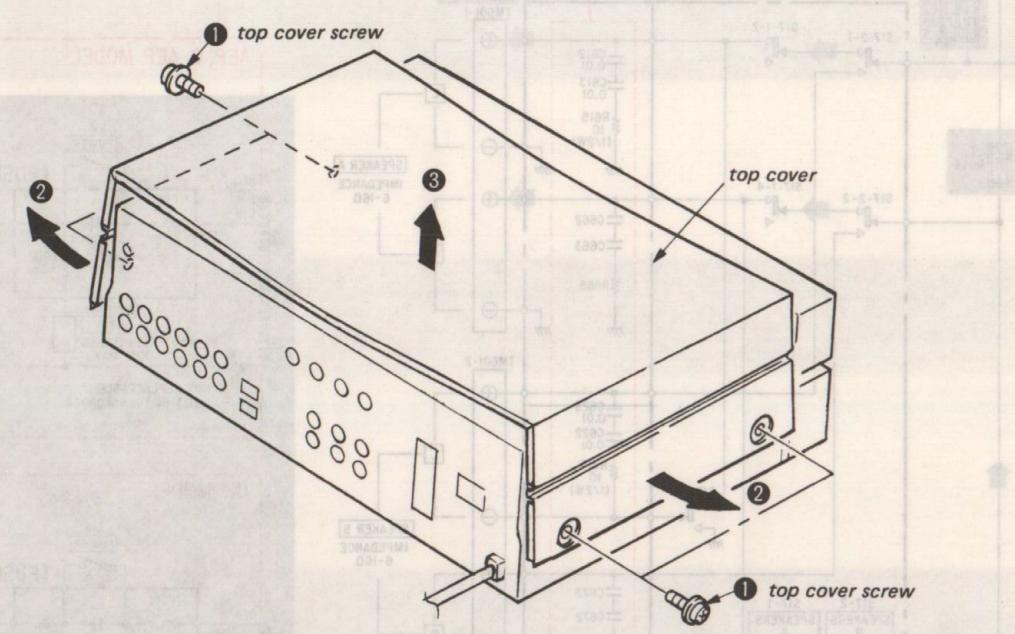
1-2. BLOCK DIAGRAM



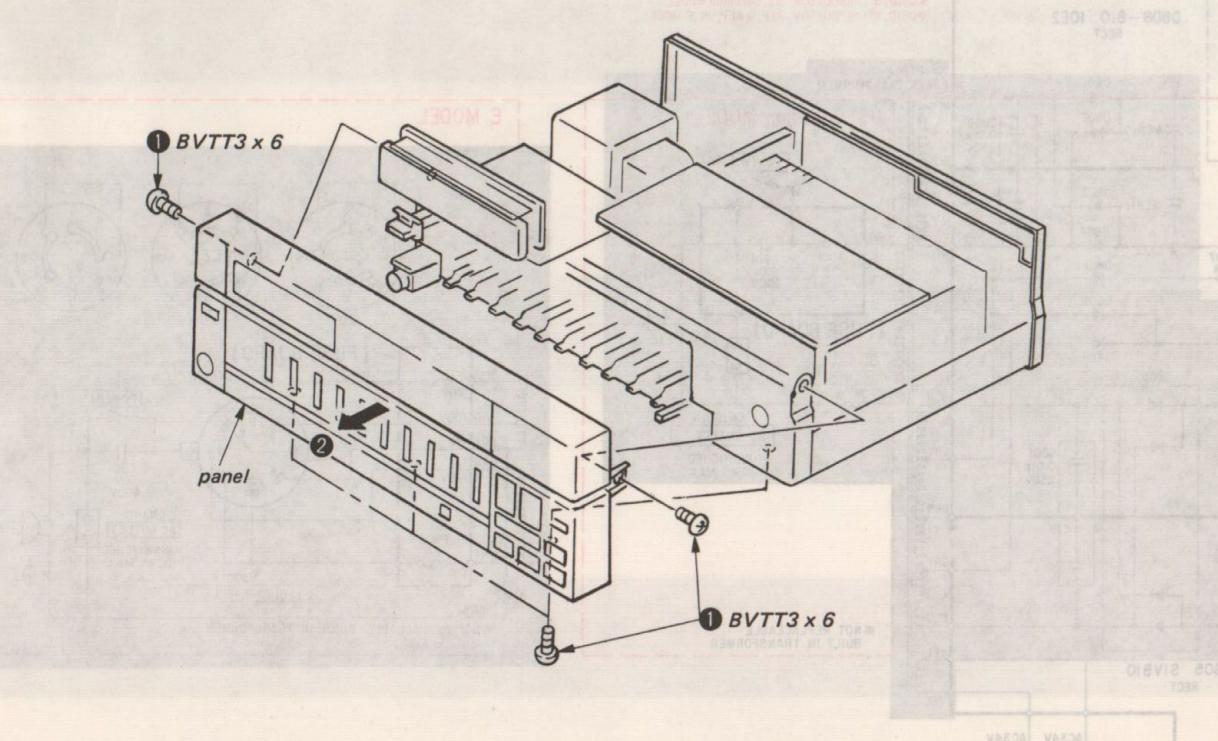
SECTION 2
DISASSEMBLY

Note: Follow the disassembly procedure in the numerical order given.

TOP COVER REMOVAL

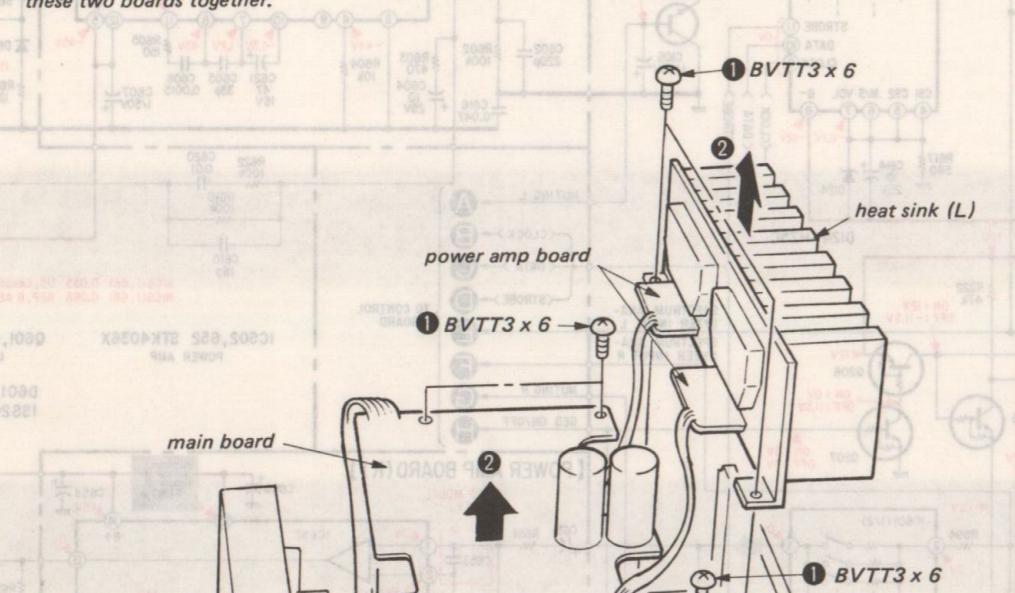


PANEL REMOVAL



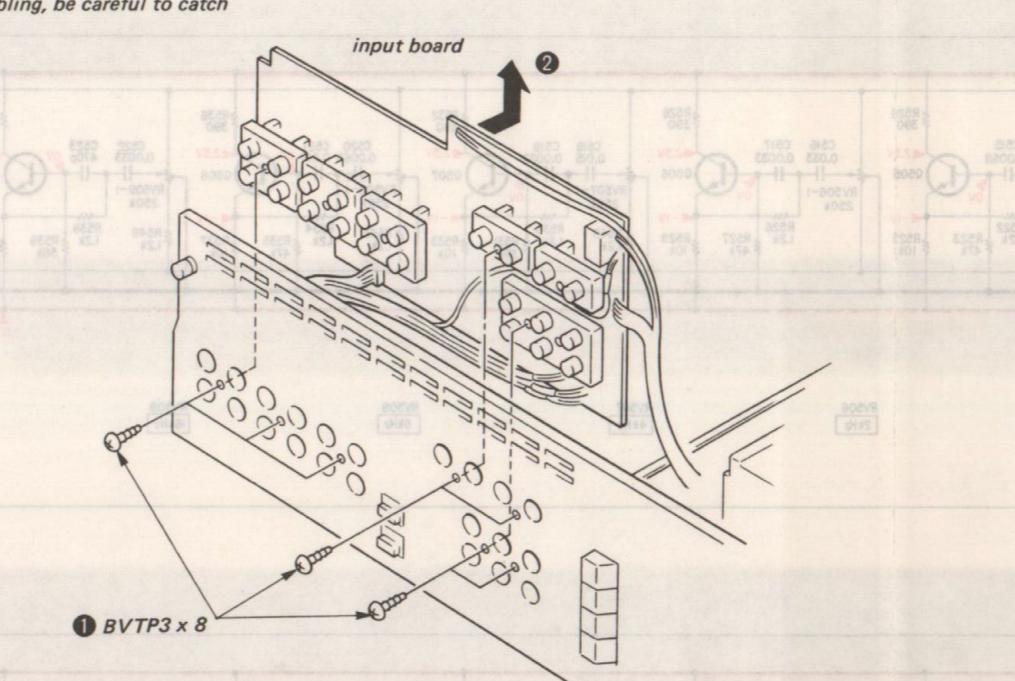
MAIN BOARD/POWER AMP BOARD/HEAT SINK (L) REMOVAL

As lead wires connecting main board to power amp board are short, remove these two boards together.

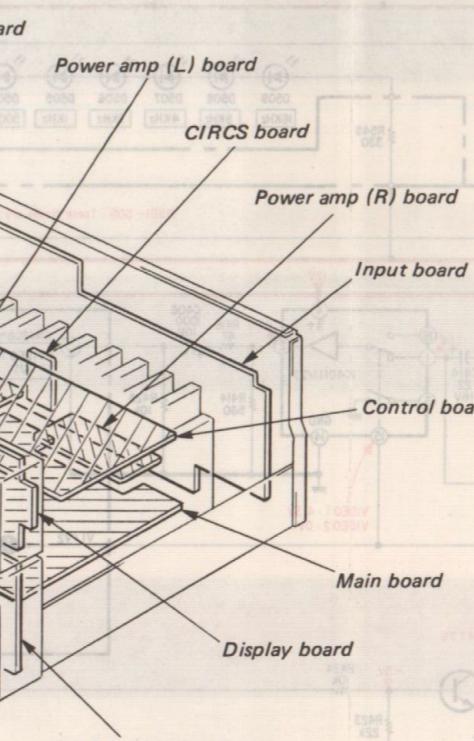


INPUT BOARD REMOVAL

When reassembling, be careful to catch the lead wires.



CIRCUIT BOARD LOCATION



MEMO

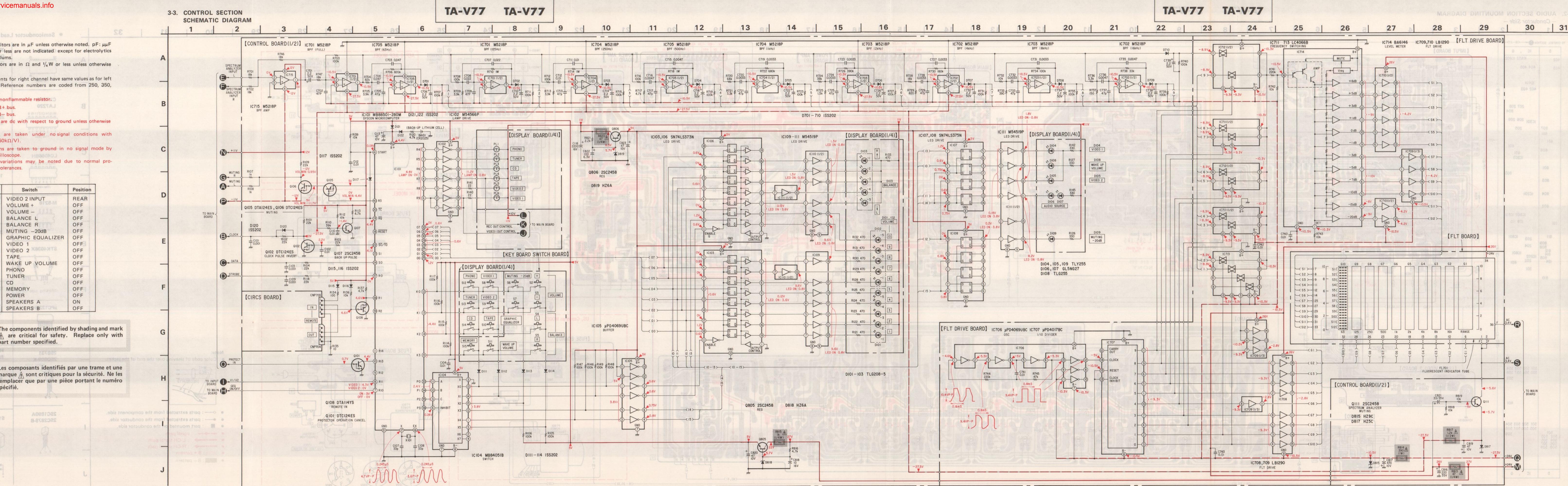
Note on schematic diagram:

- All capacitors are in μ F unless otherwise noted. pF: $\mu\mu$ F 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4$ W or less unless otherwise specified.
- \rightarrow : signal path.
- Components for right channel have same values as for left channel. Reference numbers are coded from 250, 350, 550, 650.
- \square : nonflammable resistor.
- --- : B+ bus.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under no-signal conditions with a VOM (50k Ω /V).
- Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken to ground in no signal mode by using oscilloscope.
- Voltage variations may be noted due to normal production tolerances.
- Switch

Ref. No.	Switch	Position
S1	VIDEO 2 INPUT	REAR
S2	VOLUME +	OFF
S3	VOLUME -	OFF
S4	BALANCE L	OFF
S5	BALANCE R	OFF
S6	MUTING -20dB	OFF
S7	GRAPHIC EQUALIZER	OFF
S8	VIDEO 1	OFF
S9	VIDEO 2	OFF
S10	TAPE	OFF
S11	WAKE UP VOLUME	OFF
S12	PHONO	OFF
S13	TUNER	OFF
S14	CD	OFF
S15	MEMORY	OFF
S16	POWER	OFF
S17-1	SPEAKERS A	ON
S17-2	SPEAKERS B	OFF

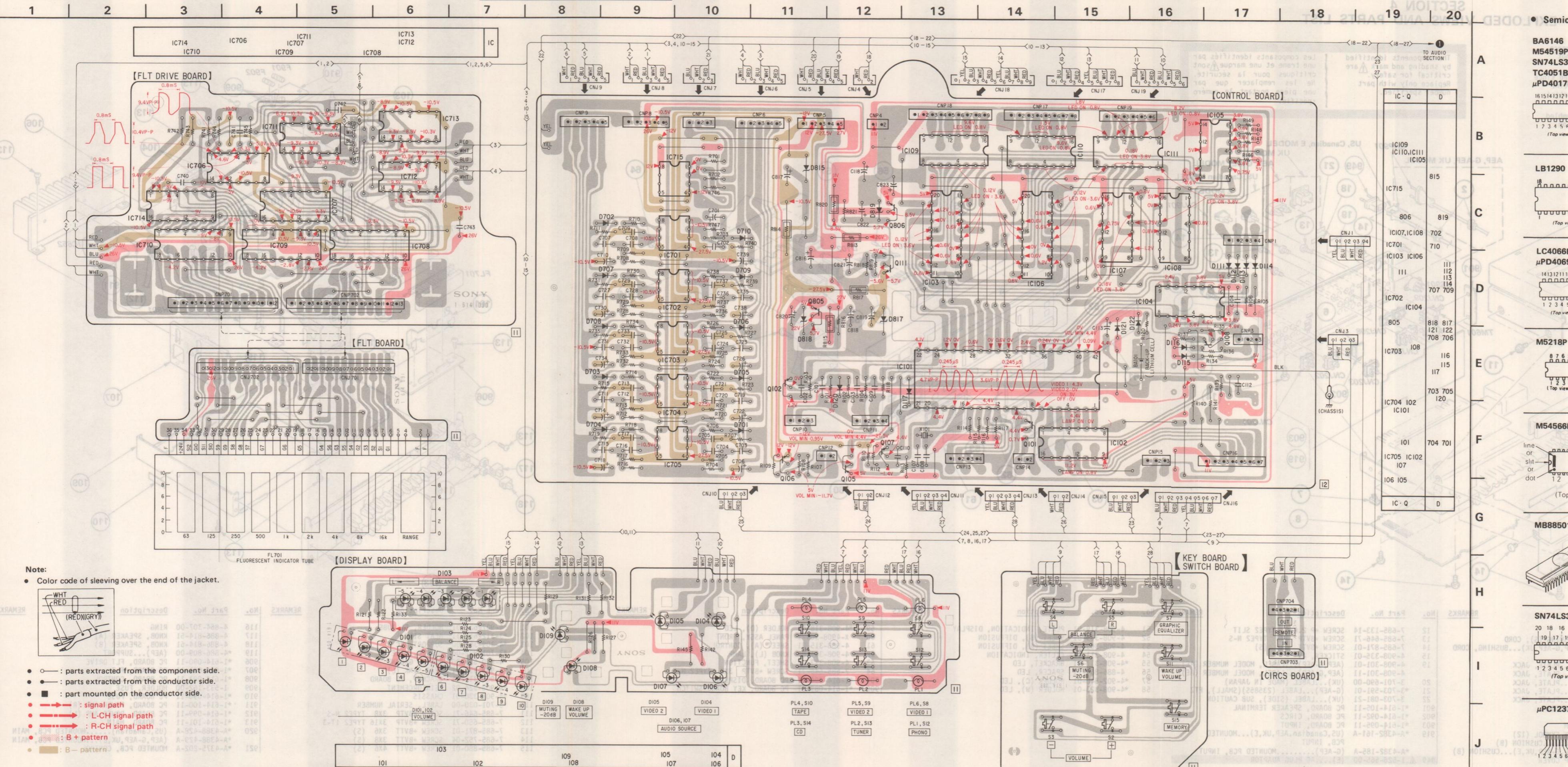
Note: The components identified by **bold** numbers in this section. Besides other parts, the following parts are included in the unit.

Note: The components identified by **bold** numbers in this section. Besides other parts, the following parts are included in the unit.

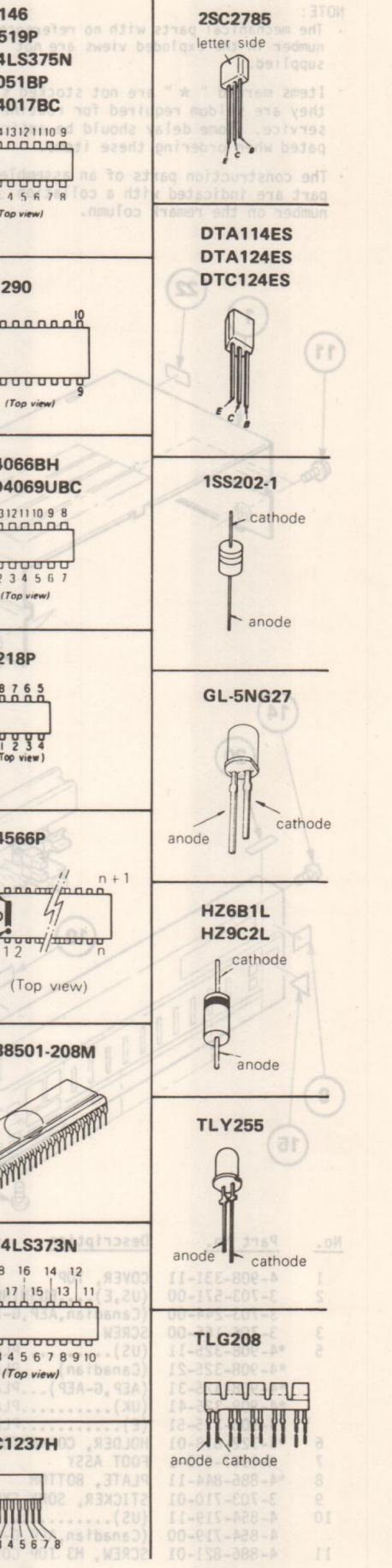
3-3. CONTROL SECTION
SCHEMATIC DIAGRAM

3-4. CONTROL SECTION MOUNTING DIAGRAM

Conductor Side

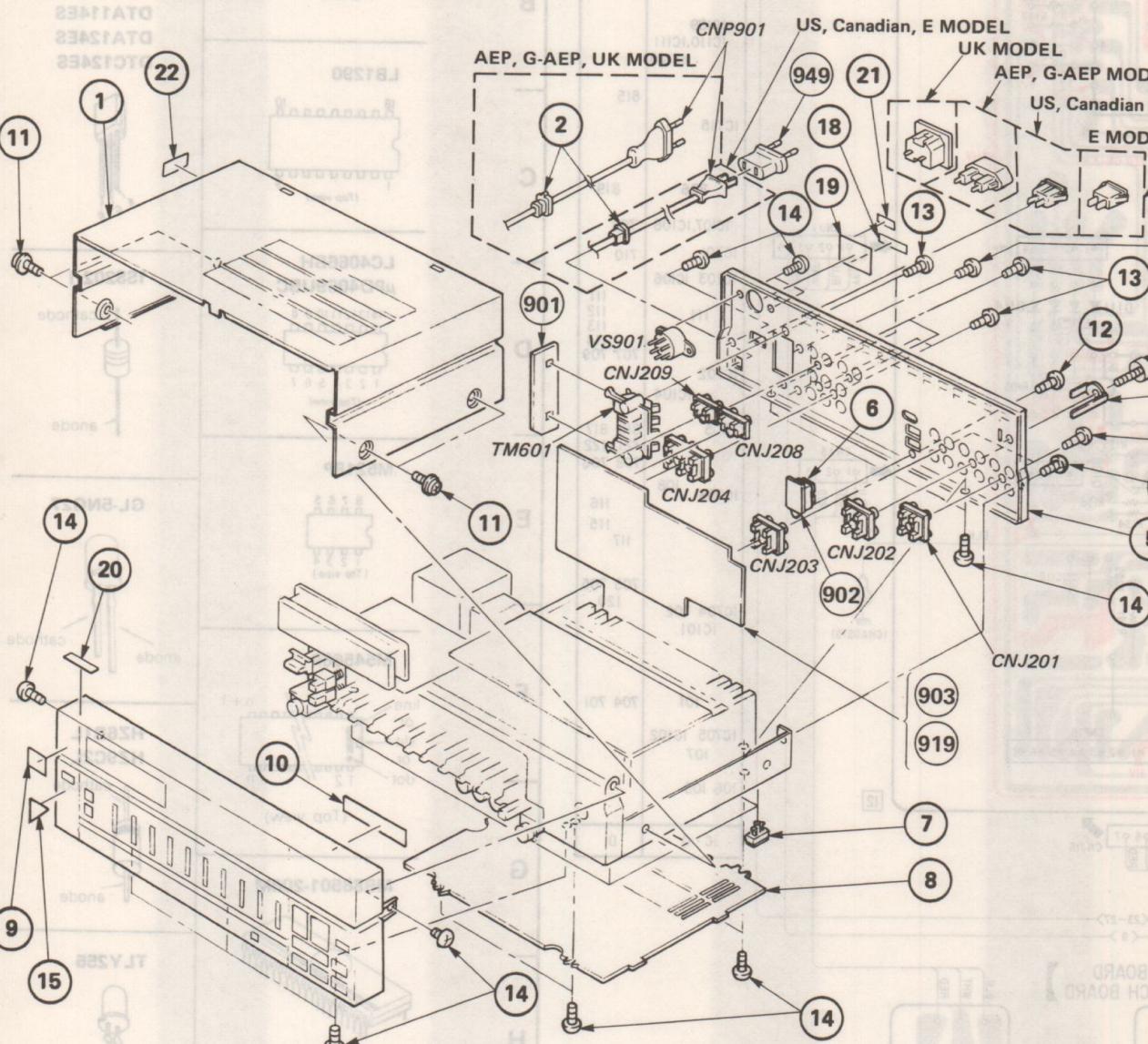


• Semiconductor Lead Layouts



**SECTION 4
EXPLODED VIEWS AND PARTS LIST**

NOTE:
 - The mechanical parts with no reference number in the exploded views are not supplied.
 - Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
 - The construction parts of an assembled part are indicated with a callout number on the remark column.



No.	Part No.	Description	REMARKS	No.	Part No.	Description	REMARKS	No.	Part No.	Description	REMARKS	No.	Part No.	Description	REMARKS	No.	Part No.	Description	REMARKS
1	4-908-331-11	COVER, TOP		12	7-685-133-14	SCREW +P 2.6X6 TYPE2 SLIT		51	4-908-319-01	PLATE, INDICATION, DISPLAY		59	*4-908-318-01	HOLDER (D), LED		101	*4-907-637-01	HOLDER, FL TUBE	
2	3-703-571-00	(US,E)...BUSHING (S), CORD		13	7-685-646-71	SCREW +BVTP 3X8 TYPE2 N-S		52	4-908-309-01	SHEET (B), DIFFUSION		60	X-4908-304-01	PANEL ASSY, FRONT		102	*3-312-615-31	HEAT SINK	
3	3-703-244-00	(Canadian,AEP,G-AEP,UK)...BUSHING, CORD		14	7-685-871-01	SCREW +BVTT 3X6 (S)		53	4-908-309-01	SHEET (A), DIFFUSION		61	4-908-315-01	SHEET (A), CONTROL		103	*4-309-357-00	SUPPORT, PC	
4	3-706-165-00	SCREW		15	4-908-335-01	STICKER, AV		54	4-908-311-01	FILTER, INDICATION		62	*4-908-314-01	KNOB (L), LAMP		104	*3-701-822-00	HOLDER, WIRE	
5	*4-908-325-11	(US).....PLATE, JACK		16	4-908-301-01	(AEP,G-AEP)...LABEL, MODEL NUMBER (AE)		55	*4-908-317-01	BRACKET, LED		63	4-908-313-01	SHEET, FUNCTION		105	4-870-539-00	PLATE, GROUND	
6	*4-908-325-21	(Canadian)....PLATE, JACK		17	4-908-301-11	(AEP,G-AEP)...LABEL, MODEL NUMBER (AE)		56	4-886-864-11	SPACER, LED		64	7-685-646-71	SCREW +BVTP 3X8 TYPE2 N-S		106	*4-908-332-01	HEAT SINK (L)	
7	*4-908-325-31	(AEP,G-AEP)...PLATE, JACK		18	3-701-690-00	(UK)...LABEL (MADE IN JAPAN)		57	*4-902-848-01	HOLDER (C), LED		65	*4-908-316-01	BRACKET, PC BOARD		107	*4-908-316-01	BRACKET, PC BOARD	
8	*4-908-325-41	(UK).....PLATE, JACK		19	*3-703-591-01	(G-AEP)...LABEL (23585S)(SMALL), FTZ		58	*4-908-323-01	HOLDER (W), LED		66	*1-614-094-11	PC BOARD, DISPLAY		108	*4-908-324-02	REINFORCEMENT	
9	*4-908-325-51	(E).....PLATE, JACK		20	3-703-081-21	(UK)...LABEL (SIDE), SUB CAUTION		59	*1-614-089-11	PC BOARD, KEY BOARD SWITCH		67	*1-614-093-11	PC BOARD, CONTROL		109	*4-908-330-01	CHASSIS	
10	*3-322-818-01	HOLDER, CONNECTOR		60	*1-614-105-11	PC BOARD, SPEAKER TERMINAL		68	1-533-162-00	HOLDER, FUSE		110	*3-701-030-00	LABEL, SERIAL NUMBER		111	*1-614-096-11	PC BOARD, FUSE	
11	X-4907-603-1	FOOT ASSY		61	*1-614-092-11	PC BOARD, CIRCS		69	7-685-646-71	SCREW +BVTP 3X8 TYPE2 N-S		112	7-685-650-71	SCREW +BVTP 3X16 TYPE2 IT-3		113	*1-614-100-11	PC BOARD, POWER AMP (R)	
12	*4-886-844-11	PLATE, BOTTOM		62	*1-614-095-11	PC BOARD, INPUT		70	*1-614-099-11	SCREW +BVTP 3X6 (S)		114	7-685-752-04	SCREW +BVTT 3X8 (S)		115	*1-614-101-11	PC BOARD, POWER AMP (L)	
13	3-703-710-01	STICKER, SONY SYMBOL (12)		71	*1-614-161-A	(US,Canadian,AEP,UK,E)...MOUNTED PCB, INPUT		71	*1-614-161-A	(US,Canadian,AEP,UK,E)...MOUNTED PCB, INPUT		116	7-685-880-01	SCREW +BVTT 4X6 (S)		116	7-685-428-A	(US,Canadian)....MOUNTED PCB, MAIN	
14	4-854-719-11	(US).....CUSHION (B)		72	*A-4382-185-A	(G-AEP).....MOUNTED PCB, INPUT		72	*A-4382-185-A	(G-AEP).....MOUNTED PCB, INPUT		117	*1-614-429-A	(AEP,G-AEP,UK,E)...MOUNTED PCB, MAIN		117	*1-614-429-A	MOUNTED PCB, CONTROL	
15	4-854-719-00	(Canadian,AEP,G-AEP,UK,E)...CUSHION (B)		73	949 A-1-526-565-00	SCREW, M3 TOP COVER		73	949 A-1-526-565-00	SCREW, M3 TOP COVER		118	*A-4375-202-A	MOUNTED PCB, CONTROL		118	*A-4375-202-A	MOUNTED PCB, CONTROL	

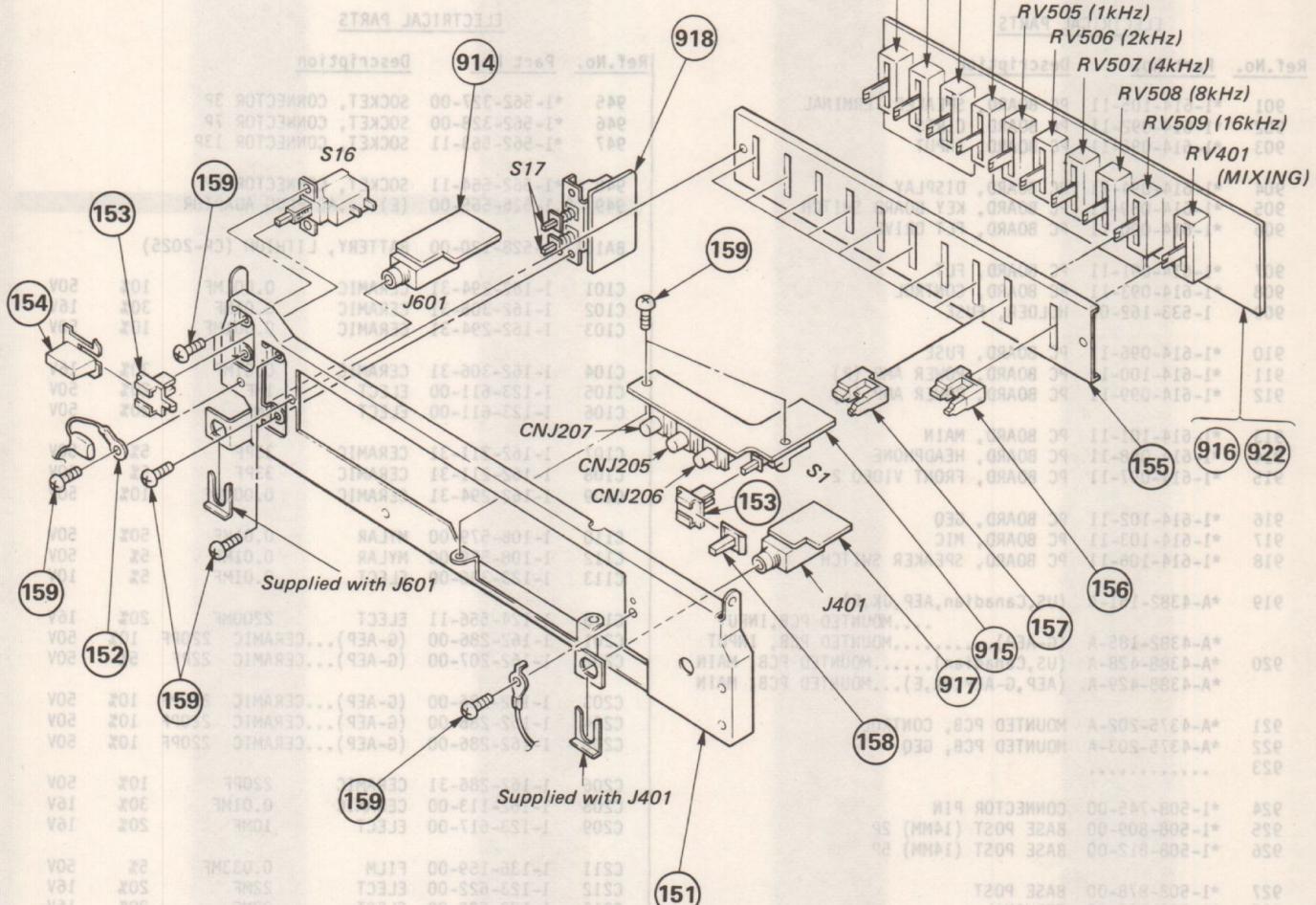
No.	Part No.	Description	REMARKS
12	7-685-133-14	SCREW +P 2.6X6 TYPE2 SLIT	
13	7-685-646-71	SCREW +BVTP 3X8 TYPE2 N-S	
14	7-685-871-01	SCREW +BVTT 3X6 (S)	
15	4-908-335-01	STICKER, AV	
16	4-908-301-01	(AEP,G-AEP)...LABEL, MODEL NUMBER (AE)	
17	3-701-690-00	(UK)...LABEL (MADE IN JAPAN)	
18	*3-703-591-01	(G-AEP)...LABEL (23585S)(SMALL), FTZ	
19	3-703-081-21	(UK)...LABEL (SIDE), SUB CAUTION	
20	*1-614-105-11	PC BOARD, SPEAKER TERMINAL	
21	*1-614-092-11	PC BOARD, CIRCS	
22	3-703-081-21	(UK)...LABEL (SIDE), SUB CAUTION	
23	*1-614-095-11	PC BOARD, INPUT	
24	*1-614-161-A	(US,Canadian,AEP,UK,E)...MOUNTED PCB, INPUT	
25	*1-614-161-A	(US,Canadian,AEP,UK,E)...MOUNTED PCB, INPUT	
26	*A-4382-185-A	(G-AEP).....MOUNTED PCB, INPUT	
27	*A-4382-185-A	(G-AEP).....MOUNTED PCB, INPUT	

No.	Part No.	Description	REMARKS
28	949 A-1-526-565-00	SCREW, M3 TOP COVER	
29	7-685-133-14	SCREW +P 2.6X6 TYPE2 SLIT	
30	7-685-646-71	SCREW +BVTP 3X8 TYPE2 N-S	
31	7-685-871-01	SCREW +BVTT 3X6 (S)	
32	4-908-335-01	STICKER, AV	
33	4-908-301-01	(AEP,G-AEP)...LABEL, MODEL NUMBER (AE)	
34	3-701-690-00	(UK)...LABEL (MADE IN JAPAN)	
35	*3-703-591-01	(G-AEP)...LABEL (23585S)(SMALL), FTZ	
36	3-703-081-21	(UK)...LABEL (SIDE), SUB CAUTION	
37	*1-614-092-11	PC BOARD, CIRCS	
38	3-703-081-21	(UK)...LABEL (SIDE), SUB CAUTION	
39	*1-614-095-11	PC BOARD, INPUT	
40	*1-614-161-A	(US,Canadian,AEP,UK,E)...MOUNTED PCB, INPUT	
41	*1-614-161-A	(US,Canadian,AEP,UK,E)...MOUNTED PCB, INPUT	
42	*A-4382-185-A	(G-AEP).....MOUNTED PCB, INPUT	
43	*A-4382-185-A	(G-AEP).....MOUNTED PCB, INPUT	

No.	Part No.	Description	REMARKS
44	949 A-1-526-565-00	SCREW, M3 TOP COVER	
45	7-685-133-14	SCREW +P 2.6X6 TYPE2 SLIT	
46	7-685-646-71	SCREW +BVTP 3X8 TYPE2 N-S	
47	7-685-871-01	SCREW +BVTT 3X6 (S)	
48	4-908-335-01	STICKER, AV	
49	4-908-301-01	(AEP,G-AEP)...LABEL, MODEL NUMBER (AE)	
50	3-701-690-00	(UK)...LABEL (MADE IN JAPAN)	
51	*3-703-591-01	(G-AEP)...LABEL (23585S)(SMALL), FTZ	
52	3-703-081-21	(UK)...LABEL (SIDE), SUB CAUTION	
53	*1-614-092-11	PC BOARD, CIRCS	
54	3-703-081-21	(UK)...LABEL (SIDE), SUB CAUTION	
55	*1-614-095-11	PC BOARD, INPUT	
56	*1-614-161-A	(US,Canadian,AEP,UK,E)...MOUNTED PCB, INPUT	
57	*1-614-161-A	(US,Canadian,AEP,UK,E)...MOUNTED PCB, INPUT	
58	*A-4382-185-A	(G-AEP).....MOUNTED PCB, INPUT	
59	*A-4382-185-A	(G-AEP).....MOUNTED PCB, INPUT	

No.	Part No.	Description	REMARKS
60	949 A-1-526-565-00	SCREW, M3 TOP COVER	
61	7-685-133-14	SCREW +P 2.6X6 TYPE2 SLIT	
62	7-685-646-71	SCREW +BVTP 3X8 TYPE2 N-S	
63	7-685-871-01	SCREW +BVTT 3X6 (S)	</td

- CIRCUITS MAY BE OUTDATED
 - CAPACITORS AND RESISTORS IN OTHER SAMS
 - EQUIPMENT CIRCUITS BETTER MAY BE UNPREDICTED AND
 - SET SUCH AS A TELESCOPIC METER, ONLY
 - IT PLEASE SITE PRO OR MAKE SAME CIRCUITFILE A
 - 11. : HN : HN : HN
 - COFFEE
 - MMH : MM : MM : MM
 - SEMICONDUCTORS
 - MM : MM : MM : MM
 - RV501 (63Hz)
 - RV502 (125Hz)
 - BASED MENU ORDERED PLEASE FLOWERS
 - SERVICE. SOME DETAILS SHOULD BE SPECIFIC-
 - THAT ARE SEPARATELY LISTED FOR LONGITUDE
 - * * * * * SITE NOT SPECIFIED SINCE



No.	Part No.	Description	REMARKS	No.	Part No.	Description	REMARKS
151	*4-908-327-01	PANEL, SUB		159	7-685-871-01	SCREW +BVTT 3X6 (S)	
152	*4-838-926-00	PLATE (A), LUG TERMINAL		908	1-614-106-00	PC BOARD, SPEAKER SWITCH	
153	4-875-466-00	JOINT (F2), KNOB		914	*1-614-098-11	PC BOARD, HEADPHONE	
154	4-907-611-01	KNOB, POWER		915	*1-614-097-11	PC BOARD, FRONT VIDEO 2	
155	*4-908-322-01	RETAINER, CONTROL		916	*1-614-102-11	PC BOARD, GEQ	
156	4-908-321-14	KNOB, SLIDE		917	*1-614-103-11	PC BOARD, MIC	
157	X-4908-302-4	KNOB ASSY, SLIDE		918	*1-614-106-11	PC BOARD, SPEAKER SWITCH	
158	4-888-025-11	KNOB (D), PUSH		922	*A-4375-203-A	MOUNTED PCB, GEQ	

SECTION 5 ELECTRICAL PARTS LIST

NOTE:

Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:
MF:μF, PF:μμF.

RESISTORS
All resistors are in ohms.

F : nonflammable

COILS

MHH : mH, UH : μH

SEMICONDUCTORS

In each case, U : μ, for example:
UA...: μA..., UPA...: μPA..., UPC...: μPC,
UPD...: μPD...

The components identified by shading and mark are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

ELECTRICAL PARTS

Ref.No.	Part No.	Description
901	*1-614-105-11	PC BOARD, SPEAKER TERMINAL
902	*1-614-092-11	PC BOARD, CIRCS
903	*1-614-095-11	PC BOARD, INPUT
904	*1-614-094-11	PC BOARD, DISPLAY
905	*1-614-089-11	PC BOARD, KEY BOARD SWITCH
906	*1-614-090-11	PC BOARD, FLT DRIVE
907	*1-614-091-11	PC BOARD, FLT
908	*1-614-093-11	PC BOARD, CONTROL
909	1-533-162-00	HOLDER, FUSE
910	*1-614-096-11	PC BOARD, FUSE
911	*1-614-100-11	PC BOARD, POWER AMP (R)
912	*1-614-099-11	PC BOARD, POWER AMP (L)
913	*1-614-101-11	PC BOARD, MAIN
914	*1-614-098-11	PC BOARD, HEADPHONE
915	*1-614-097-11	PC BOARD, FRONT VIDEO 2
916	*1-614-102-11	PC BOARD, GEQ
917	*1-614-103-11	PC BOARD, MIC
918	*1-614-106-11	PC BOARD, SPEAKER SWITCH
919	*A-4382-161-A	(US,Canadian,AEP,UK,E)MOUNTED PCB, INPUT
920	*A-4382-185-A	(G-AEP).....MOUNTED PCB, INPUT
	*A-4388-428-A	(US,Canadian).....MOUNTED PCB, MAIN
	*A-4388-429-A	(AEP,G-AEP,UK,E).....MOUNTED PCB, MAIN
921	*A-4375-202-A	MOUNTED PCB, CONTROL
922	*A-4375-203-A	MOUNTED PCB, GEQ
923	
924	*1-508-745-00	CONNECTOR PIN
925	*1-508-809-00	BASE POST (14MM) 2P
926	*1-508-812-00	BASE POST (14MM) 5P
927	*1-508-878-00	BASE POST
928	*1-535-115-00	TERMINAL
929	*1-535-116-00	TERMINAL
930	*1-535-139-00	BASE POST 19MM (10MM PITCH) 2P
931	*1-535-140-00	BASE POST 19MM (10MM PITCH) 3P
932	*1-560-039-00	PIN, CONNECTOR
933	*1-560-060-00	PIN, CONNECTOR 2P
934	*1-560-061-00	PIN, CONNECTOR 3P
935	*1-560-062-00	PIN, CONNECTOR 4P
936	*1-560-063-00	PIN, CONNECTOR 5P
937	*1-560-064-00	PIN, CONNECTOR 6P
938	*1-560-065-00	PIN, CONNECTOR 8P
939	*1-560-285-11	CONNECTOR, (PIN) 12P
940	*1-562-338-00	PIN, CONNECTOR 7P
941	*1-561-416-00	SOCKET, CONNECTOR 12P
942	*1-562-249-00	SOCKET, CONNECTOR 4P
943	*1-562-250-00	SOCKET, CONNECTOR 5P
944	*1-562-251-00	SOCKET, CONNECTOR 6P

ELECTRICAL PARTS

Ref.No.	Part No.	Description
945	*1-562-327-00	SOCKET, CONNECTOR 3P
946	*1-562-328-00	SOCKET, CONNECTOR 7P
947	*1-562-563-11	SOCKET, CONNECTOR 13P
948	*1-562-564-11	SOCKET, CONNECTOR 8P
949	A.1-562-565-00	(E)....AC PLUG ADAPTOR
BA101	1-528-120-00	BATTERY, LITHIUM (CR-2025)
C101	1-162-294-31	CERAMIC 0.001MF 10% 50V
C102	1-162-306-31	CERAMIC 0.01MF 30% 16V
C103	1-162-294-31	CERAMIC 0.001MF 10% 50V
C104	1-162-306-31	CERAMIC 0.01MF 30% 16V
C105	1-123-611-00	ELECT 1MF 20% 50V
C106	1-123-611-00	ELECT 1MF 20% 50V
C107	1-162-211-31	CERAMIC 33PF 5% 50V
C108	1-162-211-31	CERAMIC 33PF 5% 50V
C109	1-162-294-31	CERAMIC 0.001MF 10% 50V
C110	1-108-579-00	MYLAR 0.01MF 50% 50V
C112	1-108-579-00	MYLAR 0.01MF 5% 50V
C113	1-123-306-00	ELECT 0.01MF 5% 10V
C118	1-124-556-11	ELECT 2200MF 20% 16V
C201	1-162-286-00	(G-AEP)...CERAMIC 220PF 10% 50V
C202	1-162-207-00	(G-AEP)...CERAMIC 22PF 5% 50V
C203	1-162-286-00	(G-AEP)...CERAMIC 220PF 10% 50V
C204	1-162-286-00	(G-AEP)...CERAMIC 220PF 10% 50V
C205	1-162-286-00	(G-AEP)...CERAMIC 220PF 10% 50V
C206	1-162-286-31	CERAMIC 220PF 10% 50V
C208	1-162-113-00	CERAMIC 0.01MF 30% 16V
C209	1-123-617-00	ELECT 10MF 20% 16V
C211	1-136-159-00	FILM 0.033MF 5% 50V
C212	1-123-622-00	ELECT 22MF 20% 16V
C213	1-123-622-00	ELECT 22MF 20% 16V
C224	1-123-329-00	ELECT 10MF 20% 25V
C301	1-162-291-00	(G-AEP)...CERAMIC 560PF 10% 50V
C302	1-123-613-00	ELECT 3.3MF 20% 50V
C303	1-161-320-00	CERAMIC 560PF 10% 50V
C304	1-161-267-00	CERAMIC 47PF 5% 50V
C305	1-123-820-00	ELECT 33MF 20% 16V
C306	1-106-190-00	MYLAR 0.0056MF 5% 50V
C307	1-106-176-00	MYLAR 0.0015MF 5% 50V
C308	1-123-609-00	ELECT 0.33MF 20% 50V
C309	1-123-820-00	ELECT 33MF 20% 16V
C401	1-123-609-00	ELECT 0.33MF 20% 50V
C402	1-102-074-00	CERAMIC 0.001MF 10% 50V
C403	1-123-609-00	ELECT 0.33MF 20% 50V
C404	1-123-618-00	ELECT 22MF 20% 6.3V
C405	1-102-123-00	CERAMIC 0.0033MF 10% 50V

ELECTRICAL PARTS

Ref.No.	Part No.	Description
C406	1-124-626-00	ELECT 1000MF 20% 10V
C407	1-124-626-00	ELECT 1000MF 20% 10V
C408	1-123-622-00	ELECT 22MF 20% 16V
C409	1-123-622-00	ELECT 22MF 20% 16V
C410	1-123-622-00	ELECT 22MF 20% 16V
C412	1-123-622-00	ELECT 22MF 20% 16V
C413	1-123-617-00	ELECT 10MF 20% 16V
C414	1-123-622-00	ELECT 22MF 20% 16V
C501	1-123-382-00	ELECT 3.3MF 20% 50V
C502	1-162-284-31	CERAMIC 150PF 10% 50V
C503	1-162-215-31	CERAMIC 47PF 5% 50V
C504	1-162-215-31	CERAMIC 47PF 5% 50V
C505	1-123-382-00	ELECT 3.3MF 20% 50V
C506	1-123-611-00	ELECT 1MF 20% 50V
C507	1-123-607-00	ELECT 0.1MF 20% 50V
C508	1-123-610-00	ELECT 0.47MF 20% 50V
C509	1-136-163-00	FILM 0.068MF 5% 50V
C510	1-123-608-00	ELECT 0.22MF 20% 50V
C511	1-136-159-00	FILM 0.033MF 5% 50V
C512	1-123-607-00	ELECT 0.1MF 20% 50V
C513	1-136-155-00	FILM 0.015MF 5% 50V
C514	1-136-163-00	FILM 0.068MF 5% 50V
C515	1-130-481-00	MYLAR 0.0068MF 5% 50V
C516	1-136-159-00	FILM 0.033MF 5% 50V
C517	1-130-477-00	MYLAR 0.0033MF 5% 50V
C518	1-136-155-00	FILM 0.015MF 5% 50V
C519	1-130-475-00	MYLAR 0.0022MF 5% 50V
C520	1-130-481-00	MYLAR 0.0068MF 5% 50V
C521	1-130-471-00	MYLAR 0.001MF 5% 50V
C522	1-130-477-00	MYLAR 0.0033MF 5% 50V
C523	1-162-290-31	CERAMIC 470PF 10% 50V
C524	1-162-284-31	CERAMIC 150PF 10% 50V
C525	1-162-215-31	CERAMIC 47PF 5% 50V
C526	1-162-215-31	CERAMIC 47PF 5% 50V
C527	1-123-382-00	ELECT 3.3MF 20% 50V
C601	1-123-356-00	ELECT 10MF 20% 25V
C602	1-161-315-00	CERAMIC 220PF 10% 50V
C603	1-161-265-00	(G-AEP)...CERAMIC 33PF 5% 50V
C604	1-123-356-00	ELECT 10MF 20% 25V
C605	1-102-963-00	CERAMIC 33PF 5% 50V
C606	1-161-053-00	CER

ELECTRICAL PARTS

ELECTRICAL PARTS

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
C733	1-162-215-31	CERAMIC	47PF	5%	50V
C734	1-123-381-00	ELECT	2.2MF	20%	50V
C735	1-106-188-00	MYLAR	0.0047MF	5%	50V
C736	1-106-188-00	MYLAR	0.0047MF	5%	50V
C737	1-162-215-31	CERAMIC	47PF	5%	50V
C738	1-123-381-00	ELECT	2.2MF	20%	50V
C739	1-123-381-00	ELECT	2.2MF	20%	50V
C740	1-162-306-31	CERAMIC	0.01MF	30%	16V
C741	1-162-306-31	CERAMIC	0.01MF	30%	16V
C742	1-162-306-31	CERAMIC	0.01MF	30%	16V
C743	1-162-306-31	CERAMIC	0.01MF	30%	16V
C801	A.1-102-394-00	CERAMIC	0.01X2		250V
C802	A.1-124-618-11	ELECT	2200MF	20%	35V
C803	A.1-124-618-11	ELECT	2200MF	20%	35V
C804	1-124-445-00	ELECT	100MF	20%	16V
C805	1-124-445-00	ELECT	100MF	20%	16V
C806	1-123-330-00	ELECT	22MF	20%	16V
C807	1-123-330-00	ELECT	22MF	20%	16V
C809	A.1-102-394-00	CERAMIC	0.01X2		250V
C810	1-124-588-00	(AEP,G-AEP,UK,E)...ELECT	4700MF	20%	50V
C810	1-124-639-00	(US,Canadian)...ELECT	6800MF	20%	50V
C811	1-124-588-00	(AEP,G-AEP,UK,E)...ELECT	4700MF	20%	50V
C811	1-124-639-00	(US,Canadian)...ELECT	6800MF	20%	50V
C812	1-124-445-00	ELECT	100MF	20%	16V
C813	1-123-369-00	ELECT	4.7MF	20%	50V
C814	1-123-329-00	ELECT	310MF	20%	25V
C815	1-123-308-00	ELECT	220MF	20%	6.3V
C816	1-123-346-00	ELECT	220MF	20%	35V
C817	1-124-472-11	ELECT	470MF	20%	10V
C818	1-123-356-00	ELECT	10MF	20%	16V
C819	1-123-306-00	ELECT	47MF	20%	10V
C820	1-123-306-00	ELECT	47MF	20%	10V
C821	1-123-502-00	ELECT	33MF	20%	35V
C822	1-123-307-00	ELECT	100MF	20%	6.3V
C823	1-123-306-00	ELECT	47MF	20%	10V
C901	A.1-161-744-00	CERAMIC	0.01MF		400V
CNJ201	1-507-910-11	JACK, PIN 4P			
CNJ202	1-507-909-11	JACK, PIN 4P			
CNJ203	1-507-910-11	JACK, PIN 4P			
CNJ204	1-507-887-00	JACK, PIN 6P			
CNJ205	1-507-588-91	JACK, PIN (1P)			
CNJ206	1-507-588-81	JACK, PIN (1P)			
CNJ207	1-507-588-32	JACK, PIN 1P			
CNJ208	1-507-888-00	JACK, PIN 2P			
CNJ209	1-507-888-00	JACK, PIN 2P			

ELECTRICAL PARTS

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
▲CNJ901.1-526-751-00	(UK).....	OUTLET, AC	C808	A.1-124-618-11	OUTLET, AC
▲CNJ901.1-526-774-11	(E).....	OUTLET, AC	C809	A.1-124-618-11	OUTLET, AC
▲CNJ901.1-526-794-11	(AEP,G-AEP)....	OUTLET, AC	C810	A.1-124-618-11	OUTLET, AC
▲CNJ901.1-526-882-00	(US,Canadian)....	OUTLET, AC	C811	A.1-124-618-11	OUTLET, AC
▲CNP901.1-551-188-XX	(E).....	CORD, POWER	C812	A.1-124-618-11	CORD, POWER
▲CNP901.1-551-427-11	(AEP,G-AEP)...	CORD, POWER, EURO PLUG	C813	A.1-124-618-11	CORD, POWER
▲CNP901.1-556-560-00	(UK).....	CORD, POWER	C814	A.1-124-618-11	CORD, POWER
▲CNP901.1-556-905-00	(Canadian)....	CORD, POWER	C815	A.1-124-618-11	CORD, POWER
▲CNP901.1-557-579-11	(US).....	CORD, POWER	C816	A.1-124-618-11	CORD, POWER
D101	8-719-822-08	DIODE TLG208	D102	8-719-822-08	DIODE TLG208
D103	8-719-822-08	DIODE TLG208	D104	8-719-800-89	DIODE TLY255
D105	8-719-800-89	DIODE TLY255	D106	8-719-919-14	DIODE GL5NG-27
D107	8-719-919-14	DIODE GL5NG-27	D108	8-719-800-86	DIODE TLG255
D109	8-719-800-89	DIODE TLY255	D110	8-719-107-94	DIODE 1SS202-1
D111	8-719-107-94	DIODE 1SS202-1	D112	8-719-107-94	DIODE 1SS202-1
D113	8-719-107-94	DIODE 1SS202-1	D114	8-719-107-94	DIODE 1SS202-1
D115	8-719-107-94	DIODE 1SS202-1	D116	8-719-107-94	DIODE 1SS202-1
D117	8-719-107-94	DIODE 1SS202-1	D118	8-719-107-94	DIODE 1SS202-1
D119	8-719-107-94	DIODE 1SS202-1	D120	8-719-107-94	DIODE 1SS202-1
D121	8-719-107-94	DIODE 1SS202-1	D122	8-719-107-94	DIODE 1SS202-1
D123	8-719-107-94	DIODE 1SS202-1	D124	8-719-101-50	DIODE RD5.1E
D125	8-719-101-50	DIODE RD5.1E	D201	8-719-101-50	DIODE RD5.1E
D402	8-719-107-94	DIODE 1SS202-1	D403	8-719-107-94	DIODE 1SS202-1
D404	8-719-107-94	DIODE 1SS202-1	D601	8-719-107-94	DIODE 1SS202-1
D651	8-719-107-94	DIODE 1SS202-1	D701	8-719-107-94	DIODE 1SS202-1
D702	8-719-107-94	DIODE 1SS202-1	D703	8-719-107-94	DIODE 1SS202-1
D704	8-719-107-94	DIODE 1SS202-1	D705	8-719-107-94	DIODE 1SS202-1
D706	8-719-107-94	DIODE 1SS202-1	D707	8-719-107-94	DIODE 1SS202-1
D708	8-719-107-94	DIODE 1SS202-1	D709	8-719-107-94	DIODE 1SS202-1
D710	8-719-107-94	DIODE 1SS202-1	D801	A.8-719-230-24	DIODE 30DL4
D802	A.8-719-230-24	DIODE 30DL4	D803	A.8-719-230-24	DIODE 30DL4

The components identified by shading and mark are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

ELECTRICAL PARTS

Ref.No.	Part No.	Description	Part No.	Description
D803	A.8-719-230-24	DIODE 300L4	IC705	8-759-601-02 IC M5218P
D804	A.8-719-230-24	DIODE 300L4	IC706	8-759-240-69 IC TC4069UBC
D805	A.8-719-511-20	DIODE S1VB20	IC707	8-759-140-17 IC UPD4017BC
D806	8-719-910-19	DIODE HZ11C3LCA	IC708	8-759-812-90 IC LB1290
D807	8-719-910-19	DIODE HZ11C3LCA	IC709	8-759-812-90 IC LB1290
D808	A.8-719-200-02	DIODE 10E2	IC710	8-759-812-90 IC LB1290
D809	A.8-719-200-02	DIODE 10E2	IC711	8-759-800-37 IC LC4066BHB08RA
D810	A.8-719-200-02	DIODE 10E2	IC712	8-759-800-37 IC LC4066BHB08RA
D811	8-719-107-94	DIODE 1SS202-1A	IC713	8-759-800-37 IC LC4066BHB08RA
D812	8-719-107-94	DIODE 1SS202-1A	IC714	8-759-906-02 IC BA6146
D814	8-719-107-94	DIODE 1SS202-1A	IC715	8-759-601-02 IC M5218P
D815	8-719-910-98	DIODE HZ9C2L	IC801	8-759-101-23 IC UPC1237H08RA
D817	8-719-910-64	DIODE HZ6B1L	J401	1-507-854-00 JACK, LARGE TYPE (MIC)
D818	8-719-910-64	DIODE HZ6B1L	L601	*1-420-872-00 COIL, AIR CORE
D819	8-719-910-64	DIODE HZ6B1L	L651	*1-420-872-00 COIL, AIR CORE
F901	A.1-532-579-00	(US,Canadian)...FUSE, GLASS TUBE 4.0A NORMAL	PL1	1-518-511-61 LAMP, PILOT (PHONE)
F901	A.1-532-203-00	(AEP,G-AEP,UK,E)...FUSE, TIME-LAG T=2.0A	PL2	1-518-511-61 LAMP, PILOT (TUNER)
F902	A.1-532-203-00	(E)...FUSE, TIME-LAG T=2.0A	PL3	1-518-511-61 LAMP, PILOT (CD)
F902	A.1-532-279-00	(AEP,G-AEP)...FUSE, TIME-LAG T=0.5A	PL4	1-518-511-61 LAMP, PILOT (TAPE)
FL701	1-519-329-11	INDICATOR TUBE, FLUORESCENT	PL5	1-518-511-51 LAMP, PILOT (VIDEO 2)
IC101	8-759-913-10	IC MB88501-280M	PL6	1-518-511-51 LAMP, PILOT (VIDEO 1)
IC102	8-759-601-03	IC M54566P	PT801A.1-447-978-11	(E)...TRANSFORMER, POWER
IC103	8-759-903-73	IC SN74LS373N	PT801A.1-447-979-11	(US,Canadian)...TRANSFORMER, POWER
IC104	8-759-240-51	IC TC4051BP	PT801A.1-447-980-11	(AEP,G-AEP,UK)...TRANSFORMER, POWER
IC105	8-759-140-69	IC UPD4069UBC	PTH801	1-800-427-00 THERMISTOR (POSITIVE)
IC106	8-759-903-73	IC SN74LS373N	Q101	8-729-900-36 TRANSISTOR DTC124ES
IC107	8-759-903-75	IC SN74LS375N	Q102	8-729-900-36 TRANSISTOR DTC124ES
IC108	8-759-903-75	IC SN74LS375N	Q105	8-729-900-63 TRANSISTOR DTA124ES
IC109	8-759-645-19	IC M54519P	Q106	8-729-900-36 TRANSISTOR DTC124ES
IC110	8-759-645-19	IC M54519P	Q107	8-729-178-54 TRANSISTOR 2SC2785
IC111	8-759-645-19	IC M54519P	Q108	8-729-900-61 TRANSISTOR DTA114YS
IC201	8-759-977-00	IC CX7977	Q109	8-729-201-05 TRANSISTOR 2SC2878-B
IC202	8-759-800-37	IC LC4066BH	Q110	8-729-201-05 TRANSISTOR 2SC2878-B
IC203	8-759-800-37	IC LC4066BH	Q111	8-729-178-54 TRANSISTOR 2SC2785
IC301	8-759-601-02	IC M5218P	Q201	8-729-900-63 TRANSISTOR DTA124ES
IC401	8-759-801-61	IC LA7220	Q202	8-729-900-36 TRANSISTOR DTC124ES
IC501	8-759-601-02	IC M5218P	Q203	8-729-900-63 TRANSISTOR DTA124ES
IC502	8-759-601-02	IC M5218P	Q204	8-729-900-36 TRANSISTOR DTC124ES
IC601	8-759-909-99	IC CX7978	Q205	8-729-900-36 TRANSISTOR DTC124ES
IC602	8-759-940-36	IC STK4036X	Q206	8-729-900-63 TRANSISTOR DTA124ES
IC652	8-759-940-36	IC STK4036X	Q207	8-729-900-36 TRANSISTOR DTC124ES
IC701	8-759-601-02	IC M5218P	Q208	8-729-178-54 TRANSISTOR 2SC2785
IC702	8-759-601-02	IC M5218P	Q209	8-729-178-54 TRANSISTOR 2SC2785
IC703	8-759-601-02	IC M5218P (AEP,G-AEP)	Q401	8-729-178-54 TRANSISTOR 2SC2785
IC704	8-759-601-02	IC M5218P (AEP,G-AEP)		

ELECTRICAL PARTS

Ref.No.	Part No.	Description	Part No.	Description
IC705	8-759-601-02 IC M5218P		Q402	8-729-178-54 TRANSISTOR 2SC2785
IC706	8-759-240-69 IC TC4069UBC		Q403	8-729-178-54 TRANSISTOR 2SC2785
IC707	8-759-140-17 IC UPD4017BC		Q404	8-729-178-54 TRANSISTOR 2SC2785
IC708	8-759-812-90 IC LB1290		Q405	8-729-201-05 TRANSISTOR 2SC2787
IC709	8-759-812-90 IC LB1290		Q406	8-729-178-54 TRANSISTOR 2SC2785
IC710	8-759-812-90 IC LB1290		Q501	8-729-178-54 TRANSISTOR 2SC2785
IC711	8-759-800-37 IC LC4066BHB08RA		Q502	8-729-178-54 TRANSISTOR 2SC2785
IC712	8-759-800-37 IC LC4066BHB08RA		Q503	8-729-178-54 TRANSISTOR 2SC2785
IC713	8-759-800-37 IC LC4066BHB08RA		Q504	8-729-178-54 TRANSISTOR 2SC2785
IC714	8-759-906-02 IC BA6146		Q505	8-729-178-54 TRANSISTOR 2SC2785
IC715	8-759-601-02 IC M5218P		Q506	8-729-178-54 TRANSISTOR 2SC2785
IC801	8-759-101-23 IC UPC1237H08RA		Q509	8-729-178-54 TRANSISTOR 2SC2785
J401	1-507-854-00 JACK, LARGE TYPE (MIC)		Q511	8-729-178-54 TRANSISTOR 2SC2785
L601	*1-420-872-00 COIL, AIR CORE		Q552	8-729-178-54 TRANSISTOR 2SC2785
L651	*1-420-872-00 COIL, AIR CORE		Q553	8-729-178-54 TRANSISTOR 2SC2785
PL1	1-518-511-61 LAMP, PILOT (PHONE)		Q554	8-729-178-54 TRANSISTOR 2SC2785
PL2	1-518-511-61 LAMP, PILOT (TUNER)		Q555	8-729-178-54 TRANSISTOR 2SC2785
PL3	1-518-511-61 LAMP, PILOT (CD)		Q556	8-729-178-54 TRANSISTOR 2SC2785
PL4	1-518-511-61 LAMP, PILOT (TAPE)		Q557	8-729-178-54 TRANSISTOR 2SC2785
PL5	1-518-511-51 LAMP, PILOT (VIDEO 2)		Q558	8-729-178-54 TRANSISTOR 2SC2785
PL6	1-518-511-51 LAMP, PILOT (VIDEO 1)		Q559	8-729-178-54 TRANSISTOR 2SC2785
PT801A.1-447-978-11	(E)...TRANSFORMER, POWER		Q601	8-729-309-08 TRANSISTOR 2SC1890A
PT801A.1-447-979-11	(US,Canadian)...TRANSFORMER, POWER		Q651	8-729-309-08 TRANSISTOR 2SC1890A
PT801A.1-447-980-11	(AEP,G-AEP,UK)...TRANSFORMER, POWER		Q801	8-729-204-83 TRANSISTOR 2SA1048-GR
PTH801	1-800-427-00 THERMISTOR (POSITIVE)		Q803	8-729-180-92 TRANSISTOR 2SD809-K
Q101	8-729-900-36 TRANSISTOR DTC124ES		Q804	8-729-173-13 TRANSISTOR 2SB731
Q102	8-729-900-36 TRANSISTOR DTC124ES		Q805	8-729-178-54 TRANSISTOR 2SC2785
Q105	8-729-900-63 TRANSISTOR DTA124ES		Q806	8-729-178-54 TRANSISTOR 2SC2785
Q106	8-729-900-36 TRANSISTOR DTC124ES		R101	1-247-863-00 CARBON
Q107	8-729-178-54 TRANSISTOR 2SC2785		R102	1-247-863-00 CARBON
Q108	8-729-900-61 TRANSISTOR DTA114YS		R103	1-247-863-00 CARBON
Q109	8-729-201-05 TRANSISTOR 2SC2878-B		R104	1-247-863-00 CARBON
Q110	8-729-201-05 TRANSISTOR 2SC2878-B		R105	1-247-879-00 CARBON
Q111	8-729-178-54 TRANSISTOR 2SC2785		R106	1-247-879-00 CARBON
Q201	8-729-900-63 TRANSISTOR DTA124ES		R107	1-247-831-00 CARBON
Q202	8-729-900-36 TRANSISTOR DTC124ES		R108	1-247-831-00 CARBON
Q203	8-729-900-63 TRANSISTOR DTA124ES		R109	1-247-863-00 CARBON
Q204	8-729-900-36 TRANSISTOR DTC124ES		R110	1-247-869-00 CARBON
Q205	8-729-900-36 TRANSISTOR DTC124ES		R112	1-247-855-00 CARBON
Q206	8-729-900-63 TRANSISTOR DTA124ES		R113	1-247-847-00 CARBON
Q207	8-729-900-36 TRANSISTOR DTC124ES		R114	1-247-879-00 CARBON
Q208	8-729-178-54 TRANSISTOR 2SC2785		R115	1-247-879-00 CARBON
Q209	8-729-178-54 TRANSISTOR 2SC2785		R116	1-247-879-00 CARBON
Q401	8-729-178-54 TRANSISTOR 2SC2785		R117	1-247-879-00 CARBON
			R118	1-247-863-00 CARBON
			R120	1-247-847-00 CARBON

ELECTRICAL PARTS

Ref.No.	Part No.	Description	Part No.	Description

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ELECTRICAL PARTS

Ref.No.	Part No.	Description	Ref. No.	Part No.	Description
R220	1-247-871-00	CARBON 00-ES 47K 5% 1/6W	R475	1-247-855-00	CARBON 10K 5% 1/6W
R221	1-247-871-00	CARBON 00-ES 47K 5% 1/6W	R476	1-247-811-00	CARBON 150 5% 1/6W
R222	1-247-871-00	CARBON 00-ES 47K 5% 1/6W	R501	1-247-883-00	CARBON 150K 5% 1/6W
R223	△.1-213-138-00	METAL OXIDE 390 5% 1W F	R502	1-247-831-00	CARBON 1K 5% 1/6W
R225	1-247-879-00	CARBON 00-ES 100K 5% 1/6W	R503	1-247-883-00	CARBON 150K 5% 1/6W
R226	1-247-871-00	CARBON 00-ES 47K 5% 1/6W	R504	1-247-847-00	CARBON 4.7K 5% 1/6W
R228	1-247-823-00	(G-AEP)...CARBON 470 5% 1/6W	R505	1-247-847-00	CARBON 4.7K 5% 1/6W
R255	1-247-823-00	(G-AEP)...CARBON 470 5% 1/6W	R506	1-247-833-00	CARBON 1.2K 5% 1/6W
R257	1-247-823-00	(G-AEP)...CARBON 470 5% 1/6W	R507	1-247-871-00	CARBON 47K 5% 1/6W
R258	1-247-823-00	(G-AEP)...CARBON 470 5% 1/6W	R508	1-247-821-00	CARBON 390 5% 1/6W
R301	1-247-819-00	(G-AEP)...CARBON 330 5% 1/6W	R509	1-247-855-00	CARBON 10K 5% 1/6W
R302	1-247-171-00	CARBON 00-ES 47K 5% 1/4W	R510	1-247-833-00	CARBON 1.2K 5% 1/6W
R303	1-247-131-00	CARBON 00-ES 1K 5% 1/4W	R511	1-247-871-00	CARBON 47K 5% 1/6W
R304	1-246-541-00	CARBON 00-ES 680K 5% 1/4W	R512	1-247-821-00	CARBON 390 5% 1/6W
R305	1-247-129-00	CARBON 00-ES 820 5% 1/4W	R513	1-247-855-00	CARBON 10K 5% 1/6W
R306	1-246-541-00	CARBON 00-ES 680K 5% 1/4W	R514	1-247-833-00	CARBON 1.2K 5% 1/6W
R307	1-247-171-00	CARBON 00-ES 47K 5% 1/4W	R515	1-247-871-00	CARBON 47K 5% 1/6W
R308	1-247-131-00	CARBON 00-ES 1K 5% 1/4W	R516	1-247-821-00	CARBON 390 5% 1/6W
R309	1-247-179-00	CARBON 00-ES 100K 5% 1/4W	R517	1-247-855-00	CARBON 10K 5% 1/6W
R401	1-247-879-00	CARBON 00-ES 100K 5% 1/6W	R518	1-247-833-00	CARBON 1.2K 5% 1/6W
R402	1-247-879-00	CARBON 00-ES 100K 5% 1/6W	R519	1-247-873-00	CARBON 56K 5% 1/6W
R403	1-247-831-00	CARBON 00-ES 1K 5% 1/6W	R520	1-247-821-00	CARBON 390 5% 1/6W
R404	1-247-859-00	CARBON 00-ES 15K 5% 1/6W	R521	1-247-855-00	CARBON 10K 5% 1/6W
R405	1-247-879-00	CARBON 00-ES 100K 5% 1/6W	R522	1-247-833-00	CARBON 1.2K 5% 1/6W
R406	1-247-865-00	CARBON 00-ES 27K 5% 1/6W	R523	1-247-871-00	CARBON 47K 5% 1/6W
R407	1-247-811-00	CARBON 00-ES 150 5% 1/6W	R524	1-247-821-00	CARBON 390 5% 1/6W
R408	1-247-811-00	CARBON 00-ES 150 5% 1/6W	R525	1-247-855-00	CARBON 10K 5% 1/6W
R409	1-247-811-00	CARBON 00-ES 150 5% 1/6W	R526	1-247-833-00	CARBON 1.2K 5% 1/6W
R410	1-247-811-00	CARBON 00-ES 150 5% 1/6W	R527	1-247-871-00	CARBON 47K 5% 1/6W
R411	1-247-879-00	CARBON 00-ES 100K 5% 1/6W	R528	1-247-821-00	CARBON 390 5% 1/6W
R412	1-247-799-00	CARBON 00-ES 47 5% 1/6W	R529	1-247-855-00	CARBON 10K 5% 1/6W
R413	1-247-825-00	CARBON 00-ES 560 5% 1/6W	R530	1-247-833-00	CARBON 1.2K 5% 1/6W
R414	1-247-825-00	CARBON 00-ES 560 5% 1/6W	R531	1-247-869-00	CARBON 39K 5% 1/6W
R415	1-247-867-00	CARBON 00-ES 33K 5% 1/6W	R532	1-247-821-00	CARBON 390 5% 1/6W
R416	1-247-799-00	CARBON 00-ES 47 5% 1/6W	R533	1-247-855-00	CARBON 10K 5% 1/6W
R417	1-247-875-00	CARBON 00-ES 68K 5% 1/6W	R534	1-247-833-00	CARBON 1.2K 5% 1/6W
R418	1-247-843-00	CARBON 00-ES 3.3K 5% 1/6W	R535	1-247-871-00	CARBON 47K 5% 1/6W
R419	1-247-829-00	CARBON 00-ES 820 5% 1/6W	R536	1-247-821-00	CARBON 390 5% 1/6W
R420	1-247-849-00	CARBON 00-ES 5.6K 5% 1/6W	R537	1-247-855-00	CARBON 10K 5% 1/6W
R421	1-247-843-00	CARBON 00-ES 3.3K 5% 1/6W	R538	1-247-833-00	CARBON 1.2K 5% 1/6W
R422	1-247-831-00	CARBON 00-ES 1K 5% 1/6W	R539	1-247-873-00	CARBON 56K 5% 1/6W
R423	1-247-863-00	CARBON 00-ES 22K 5% 1/6W	R540	1-247-821-00	CARBON 390 5% 1/6W
R424	1-247-855-00	CARBON 00-ES 10K 5% 1/6W	R541	1-247-855-00	CARBON 10K 5% 1/6W
R425	1-247-855-00	CARBON 00-ES 10K 5% 1/6W	R542	1-247-847-00	CARBON 4.7K 5% 1/6W
R453	1-247-811-00	CARBON 00-ES 150 5% 1/6W	R543	1-247-879-00	CARBON 100K 5% 1/6W

The components identified by shading and mark **▲** are critical for safety. Replace only with part number specified.

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ELECTRICAL PARTS

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
R544	1-247-831-00	CARBON 1K 5% 1/6W	R602	1-247-179-00	CARBON 100K 5% 1/4W
R545	1-247-119-00	CARBON 330 5% 1/4W	R603	1-247-123-00	CARBON 470 5% 1/4W
R546	1-247-833-00	CARBON 1.2K 5% 1/6W	R604	1-247-155-00	CARBON 10K 5% 1/4W
R601	1-247-131-00	CARBON 1K 5% 1/4W	R605	1-247-111-00	CARBON 150 5% 1/4W
R606	△.1-247-107-00	CARBON 100 5% 1/4W F	R607	1-247-825-00	CARBON 560 5% 1/6W
R611	1-247-188-00	CARBON 4.7 5% 1/2W	R612	1-247-871-00	CARBON 47K 5% 1/6W
R613	△.1-247-192-00	CARBON 10 5% 1/2W F	R614	△.1-213-143-00	METAL OXIDE 1K 5% 1W F
R615	1-247-192-00	(G-AEP)...CARBON 10 5% 1/2W	R616	1-247-192-00	(G-AEP)...CARBON 10 5% 1/2W
R617	1-247-825-00	CARBON 560 5% 1/6W	R618	1-247-857-00	CARBON 12K 5% 1/6W
R619	1-247-849-00	CARBON 5.6K 5% 1/6W	R620	1-247-859-00	CARBON 15K 5% 1/6W
R621	1-247-179-00	CARBON 100K 5% 1/4W	R622	1-247-179-00	CARBON 100K 5% 1/4W
R623	1-247-131-00	CARBON 1K 5% 1/4W	R624	1-247-181-00	CARBON 10K 5% 1/6W
R625	1-247-179-00	CARBON 100K 5% 1/4W	R626	1-247-179-00	CARBON 100K 5% 1/4W
R627	1-247-123-00	CARBON 470 5% 1/4W	R628	1-247-107-00	CARBON 100 5% 1/4W F
R629	1-247-192-00	CARBON 10 5% 1/2W F	R630	1-247-879-00	CARBON 100K 5% 1/6W
R631	△.1-213-143-00	METAL OXIDE 1K 5% 1W F	R632	1-247-879-00	CARBON 100K 5% 1/6W
R633	1-247-869-00	CARBON 18K 5% 1/6W	R634	1-247-879-00	CARBON 100K 5% 1/6W
R635	1-247-861-00	CARBON 18K 5% 1/6W	R636	1-247-861-00	CARBON 18K 5% 1/6W
R637	1-247-861-00	CARBON 18K 5% 1/6W	R638	1-247-861-00	CARBON 18K 5% 1/6W
R639	1-247-861-00	CARBON 18K 5% 1/6W	R640	1-247-861-00	CARBON 18K 5% 1/6W
R641	1-247-861-00	CARBON 18K 5% 1/6W	R642	1-247-861-00	CARBON 18K 5% 1/6W
R643	1-247-861-00	CARBON 18K 5% 1/6W	R644	1-247-861-00	CARBON 18K 5% 1/6W
R645	1-247-861-00	CARBON 18K 5% 1/6W	R646	1-247-861-00	CARBON 18K 5% 1/6W
R647	1-247-861-00	CARBON 18K 5% 1/6W	R648	1-247-861-00	CARBON 18K 5% 1/6W
R649	1-247-861-00	CARBON 18K 5% 1/6W	R650	1-247-861-00	CARBON 18K 5% 1/6W
R651	1-247-861-00	CARBON 18K 5% 1/6W	R652	1-247-861-00	CARBON 18K 5% 1/6W
R653	1-247-861-00	CARBON 18K 5% 1/6W	R654	1-247-861-00	CARBON 18K 5% 1/6W
R655	1-247-861-00	CARBON 18K 5% 1/6W	R656	△.1-217-107-00	CARBON 100 5% 1/4W F
R657	1-247-861-00	CARBON 18K 5% 1/6W	R658	1-247-8	

ELECTRICAL PARTS

Ref.No.	Part No.	Description	100K	5%	1/6W
R812	1-247-879-00	CARBON	47	5%	1/4W F
R813 Δ .	1-247-099-00	CARBON	390	5%	1W F
R814 Δ .	1-213-138-00	METAL OXIDE			
R815 Δ .	1-247-131-00	CARBON	1K	5%	1/4W F
R816	1-247-847-00	CARBON	4.7K	5%	1/6W
R817 Δ .	1-247-242-00	CARBON	1.2K	5%	1/2W F
R818	1-247-855-00	CARBON	10K	5%	1/6W
R819	1-247-855-00	CARBON	47	5%	1/4W F
R820 Δ .	1-247-099-00	CARBON			
R821	1-247-839-00	CARBON	2.2K	5%	1/6W
R825 Δ .	1-247-071-00	CARBON	1	5%	1/4W F
R826 Δ .	1-247-071-00	CARBON	1	5%	1/4W F
R827 Δ .	1-247-071-00	CARBON	1	5%	1/4W F
RV401	1-230-603-11	RES, VAR, SLIDE 100K/100K (MIXING)			
RV501	1-230-345-31	RES, VAR, SLIDE (LED) 250KX2 (63Hz)			
RV502	1-230-345-31	RES, VAR, SLIDE (LED) 250KX2 (125Hz)			
RV503	1-230-345-31	RES, VAR, SLIDE (LED) 250KX2 (250Hz)			
RV504	1-230-345-31	RES, VAR, SLIDE (LED) 250KX2 (500Hz)			
RV505	1-230-345-31	RES, VAR, SLIDE (LED) 250KX2 (1kHz)			
RV506	1-230-345-31	RES, VAR, SLIDE (LED) 250KX2 (2kHz)			
RV507	1-230-345-31	RES, VAR, SLIDE (LED) 250KX2 (4kHz)			
RV508	1-230-345-31	RES, VAR, SLIDE (LED) 250KX2 (8kHz)			
RV509	1-230-345-31	RES, VAR, SLIDE (LED) 250KX2 (16kHz)			
RY201	1-515-495-00	RELAY			
RY601	1-515-501-00	RELAY			
S1	1-553-851-00	SWITCH, PUSH (1 KEY)(VIDEO 2 INPUT)			
S2	1-554-303-00	SWITCH, KEY BOARD (VOLUME +)			
S3	1-554-303-00	SWITCH, KEY BOARD (VOLUME -)			
S4	1-554-303-00	SWITCH, KEY BOARD (BALANCE L)			
S5	1-554-303-00	SWITCH, KEY BOARD (BALANCE R)			
S6	1-554-303-00	SWITCH, KEY BOARD (MUTING -20dB)			
S7	1-554-303-00	SWITCH, KEY BOARD (GRAPHIC EQUALIZER)			
S8	1-554-303-00	SWITCH, KEY BOARD (VIDEO 1)			
S9	1-554-303-00	SWITCH, KEY BOARD (VIDEO 2)			
S10	1-554-303-00	SWITCH, KEY BOARD (TAPE)			
S11	1-554-303-00	SWITCH, KEY BOARD (WAKE UP VOLUME)			
S12	1-554-303-00	SWITCH, KEY BOARD (PHONE)			
S13	1-554-303-00	SWITCH, KEY BOARD (TUNER)			
S14	1-554-303-00	SWITCH, KEY BOARD (CD)			
S15	1-554-303-00	SWITCH, KEY BOARD (MEMORY)			
S16 Δ .	1-553-318-00	SWITCH, PUSH (AC POWER)(1 KEY)			
S17	1-553-761-00	SWITCH, PUSH (2 KEY)(SPEAKER A,B)			
TM601	1-536-706-00	TERMINAL BOARD (SP)			
VS901 Δ .	1-526-576-51	(E)....SELECTOR, POWER VOLTAGE			
X101	1-527-822-00	OSCILLATOR, CERAMIC			

ACCESSORY & PACKING MATERIAL

Part No.	Description
1-556-372-41	CORD, CONNECTION (4 CORE)
3-701-630-00	BAG, POLYETHYLENE
3-703-390-01	(US)....INSTRUCTION
3-760-087-11	(AEP,G-AEP,UK,E)...MANUAL, INSTRUCTION
3-760-087-21	(US,Canadian).....MANUAL, INSTRUCTION
3-760-087-31	(Canadian).....MANUAL, INSTRUCTION
3-760-087-41	(AEP,G-AEP).....MANUAL, INSTRUCTION
4-859-064-00	SHEET, PROTECTION
4-908-305-01	CUSHION (LEFT), LOWER
4-908-306-01	CUSHION (RIGHT), LOWER
4-908-307-01	CUSHION (LEFT), UPPER
4-908-308-01	CUSHION (RIGHT), UPPER
4-908-336-01	(US,Canadian,AEP,G-AEP,UK) ...INDIVIDUAL CARTON
4-908-336-11	(E).....INDIVIDUAL CARTON

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Sony Corporation