TA-V33/V33W

SERVICE MANUAL

TA-V33:

US Model
Canadian Model
AEP Model
UK Model
E Model

TA-V33W:

AEP Model
E Model

Photo: TA-V33 AEP model

SPECIFICATIONS

Amplifier Section

Continuous RMS power output
35 + 35 watts
(6 ohms, at 1 kHz, 0.5% THD)
30 + 30 watts
(6 ohms, 40Hz – 20 kHz, 0.5% THD)

Music power output 140 W (6 ohms, 5% THD)

Inputs	Sensitivity	Impedance
PHONO (phono jacks)	2 mV	50 kilohms
CD, VIDEO 1/2 (AUDIO IN) (phono jacks)	150 mV	50 kilohms
MIC (phone jack)	2 mV	20 kilohms

Outputs

VIDEO (AUDIO OUT) (phono jacks)	Voltage 150 mV, Impedance 4.7 kilohms
HEADPHONES (stereo phone jack)	Accepts headphones of 8 ohms or more
SPEAKER	Accepts speakers of 6 to 16 ohms

Video inputs/outputs
VIDEO 1/2 IN, VIDEO 1 OUT, MONITOR OUT: 1 V p-p, 75 ohms

Frequency response PHONO: RIAA curve ± 0.5 dB
CD, VIDEO 1/2 (AUDIO IN):
20 Hz – 50 kHz $^{+0}_{-3}$ dB
MIC: 100 Hz – 10 kHz $^{+0}_{-6}$ dB

General

Dimensions Approx. 355 × 105 × 250 mm (w/h/d)
(14×4 1/8×9 7/8 inches)
incl. projecting parts and controls

Weight Approx. 5.4 kg (11 lb 15 oz) net

Power requirements
US, Canadian model: 120 V ac, 60 Hz
AEP model: 220 V ac, 50/60 Hz
UK model: 240 V ac, 50/60 Hz
E model: 120, 220 or 240 V ac adjustable, 50/60 Hz

Power consumption
US model: 110 W
Canadian model: 150 W
AEP, UK, E model: 120 W

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

- TA-V33 is an integrated stereo amplifier unit in LBT-V33 or LBT-V33R.
- TA-V33W is an integrated stereo amplifier unit in LBT-V33W.
- LBT-V33, LBT-V33R and LBT-V33W are the stereo component system.

LBT-V33

	US model	AEP model	G-AEP model	UK model	E model
Amplifier	TA-V33	TA-V33	TA-V33	TA-V33	TA-V33
Tuner	ST-V33	ST-V33L	ST-V33L	ST-V33L	ST-V33S
Cassette deck	TC-V33	TC-V33	TC-V33	TC-V33	TC-V33
Turntable system	PS-LX330P	PS-LX330P	PS-LX330P	PS-LX330P	Not supplied
Speaker system	SS-U570	SS-V33	SS-V33	SS-V33	SS-V33
Remote commander	RM-V33B	RM-V33D	RM-V33D	RM-V33D	RM-V33D

LBT-V33R

	Canadian model	AEP model	G-AEP model
Amplifier	TA-V33	TA-V33	TA-V33
Tuner	ST-V33	ST-V33L	ST-V33L
Cassette deck	TC-V33R	TC-V33R	TC-V33R
Turntable system	PS-LX330P	PS-LX330P	PS-LX330P
Speaker system	APM-550AV	SS-V33	SS-V33
Remote commander	RM-V33C	RM-V33E	RM-V33E

LBT-V33W

	AEP model	E model
Amplifier	TA-V33W	TA-V33W
Tuner	ST-V33L	ST-V33S
Cassette deck	TC-V33W	TC-V33W
Turntable system	PS-LX330P	Not supplied
Speaker system	SS-V33	SS-V33
Remote commander	RM-V33D	RM-V33D

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 microampers). 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)

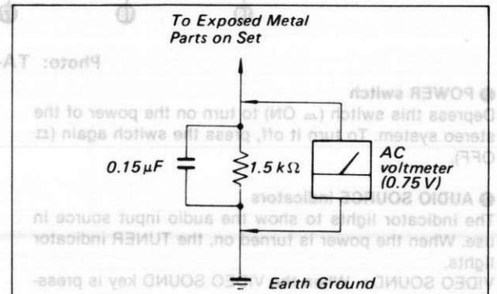


Fig. A. Using an AC voltmeter to check AC leakage.

MODEL IDENTIFICATION

– Specification Label on Jack Plate –

TA-V33 (LBT-V33/V33R)

SONY MODEL NO. TA-V33
INTEGRATED STEREO AMPLIFIER

US model: AC: 120 V, 60 Hz, 110 W
Canadian model: AC: 120 V, 60 Hz, 150 W
AEP model: AC: 220 V ~ 50/60 Hz, 120 W
UK model: AC: 240 V ~ 50/60 Hz, 120 W
E model: AC: 120/220/240 V ~ 50/60 Hz, 120 W

TA-V33 (LBT-V33) G-AEP model

SONY MODEL NO. LBT-V33
STEREO COMPONENT SYSTEM

TA-V33 (LBT-V33R) G-AEP model

SONY MODEL NO. LBT-V33R
STEREO COMPONENT SYSTEM

TA-V33W (LBT-V33W)

SONY MODEL NO. TA-V33W
INTEGRATED STEREO AMPLIFIER

AEP model: AC: 220 V ~ 50/60 Hz, 120 W
E model: AC: 120/220/240 V ~ 50/60 Hz, 120 W

LOCATION AND FUNCTION OF CONTROLS

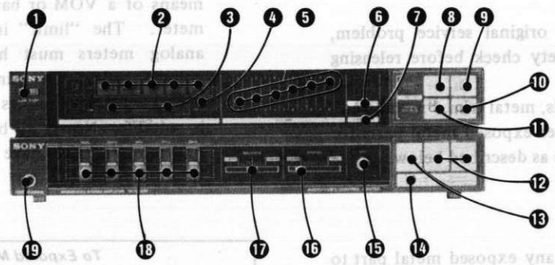


Photo: TA-V33W E model

❶ POWER switch
Depress this switch (⏍ ON) to turn on the power of the stereo system. To turn it off, press the switch again (⏏ OFF).

❷ AUDIO SOURCE indicators
The indicator lights to show the audio input source in use. When the power is turned on, the TUNER indicator lights.
VIDEO SOUND: When the VIDEO SOUND key is pressed.
CD: When the CD key is pressed.
TAPE: When the ▷ key or the SYNCHRO DUBBING key of the cassette deck is pressed.
TUNER: When the BAND, TUNING or PRESET key of the tuner is pressed.
PHONO: When the START/STOP key of the turntable is pressed. (For E model, when the PHONO button is pressed.)

❸ VISUAL SOURCE indicators
Lights to show the video input source in use.
VIDEO 1: When the power is turned on and when the VIDEO 1 key is pressed.
VIDEO 2: When the VIDEO 2 key is pressed.

❹ PHONO button (E model only)
Press to listen to or record record programs connected to the PHONO inputs.

❺ VOLUME indicator
Indicates the output level of the amplifier.

❻ MUTING indicator
Lights when the MUTING key is pressed.

❼ GRAPHIC EQ (graphic equalizer) indicator
Lights when the GRAPHIC EQUALIZER switch is depressed (⏍ ON).

❽ VIDEO SOUND key
Press to listen to or record the sound from the equipment connected to the VIDEO 1 or VIDEO 2 audio inputs.

❾ CD (compact disc) key
Press to listen to or record compact disc programs connected to the CD inputs.

❿ VIDEO 1 key
Press to view the picture of the video cassette recorder connected to the VIDEO 1 video input.

⓫ VIDEO 2 key
Press to view the picture of the video cassette recorder connected to the VIDEO 2 video input.

⓬ VOLUME keys
Regulate the overall sound level.

⓭ MUTING key
Press to reduce the sound level by 20 dB. Press again to restore the same listening level as before.
This function is useful when you lower the tonearm onto a record or when you answer the telephone.

⓮ GRAPHIC EQUALIZER switch
Depress this switch (⏍ ON) to activate the graphic equalizer controls. Press it again (⏏ OFF) to obtain the original tone quality.

⓯ MIC (microphone) jack (phone jack)
Connect a microphone for microphone mixing.

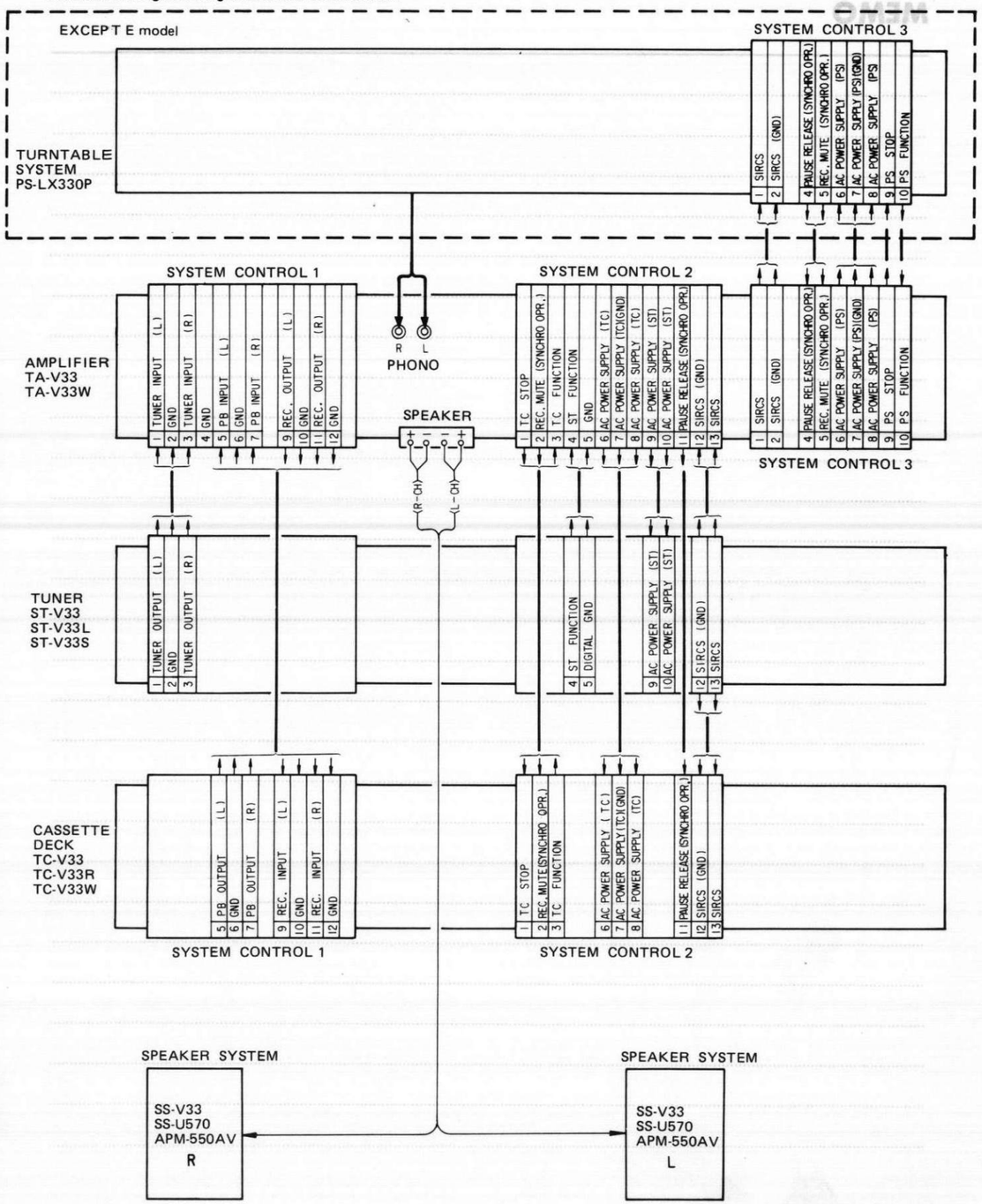
⓰ MIXING control
Adjusts the balance between the volume of the microphone and the program source. Slide the control towards MIC to increase microphone volume, and towards SOURCE to increase source volume.
When not in use for microphone mixing, slide this control fully to SOURCE.

⓱ BALANCE control
Adjusts the balance of the left and right channel output levels.

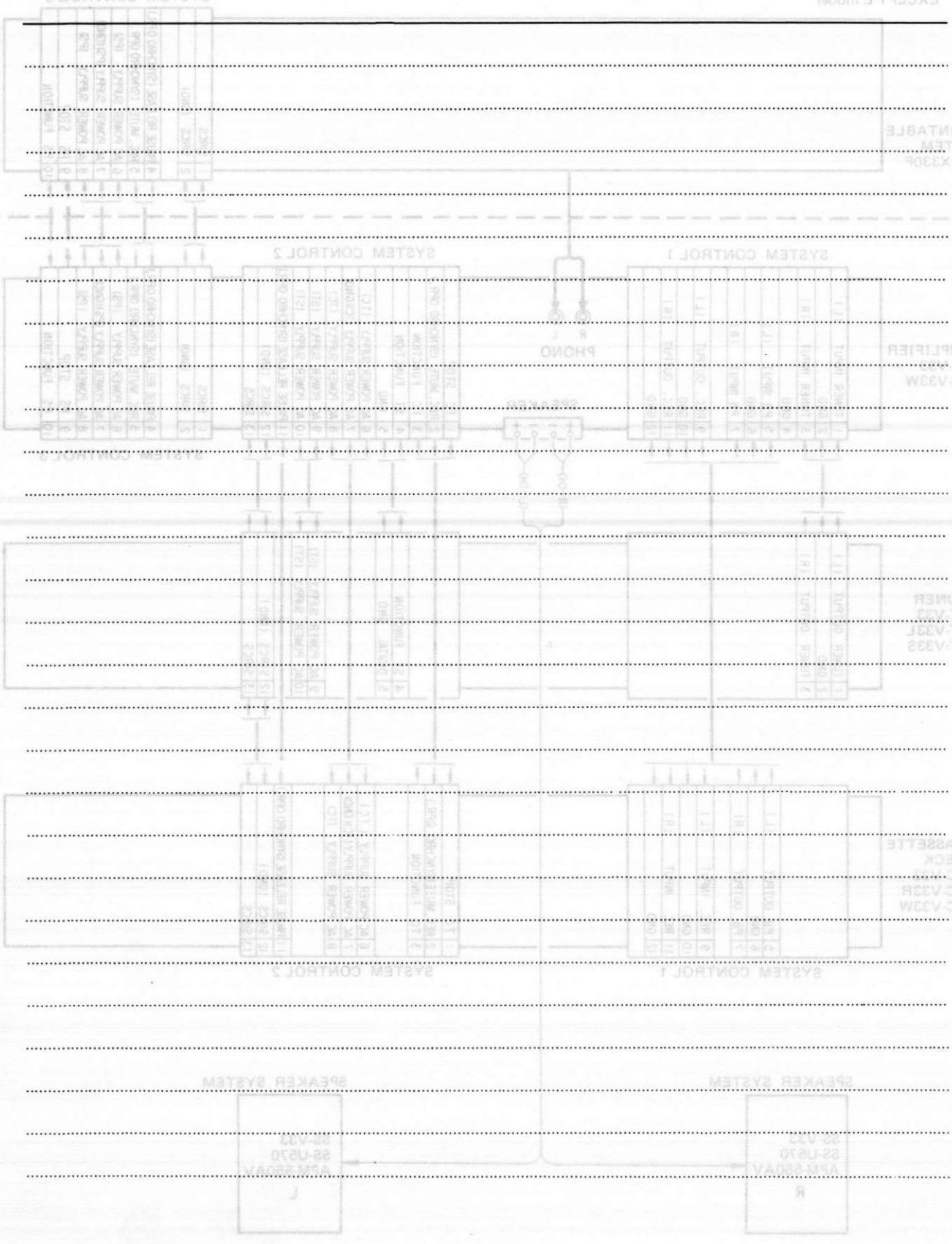
⓲ Graphic equalizer controls
To equalize the listening or recording sound, depress the GRAPHIC EQUALIZER switch ⓮ and slide each control upwards to increase the level of the frequency band, and downwards to decrease the level.
100 Hz: Use to boost or cut the bass.
400 Hz: Use to adjust the middle frequency range.
1 kHz: Use to provide more presence of vocals.
4 kHz: Use to adjust the brightness of sound.
12 kHz: This control effects general treble. Slide downwards to reduce high frequency noise, such as tape hiss.
To record or listen to the sound with the original tone quality, set all the controls at their center positions, or press to release the GRAPHIC EQUALIZER switch.

⓳ HEADPHONES jack (stereo phone jack)

Connectors Signal Assignment and Connections

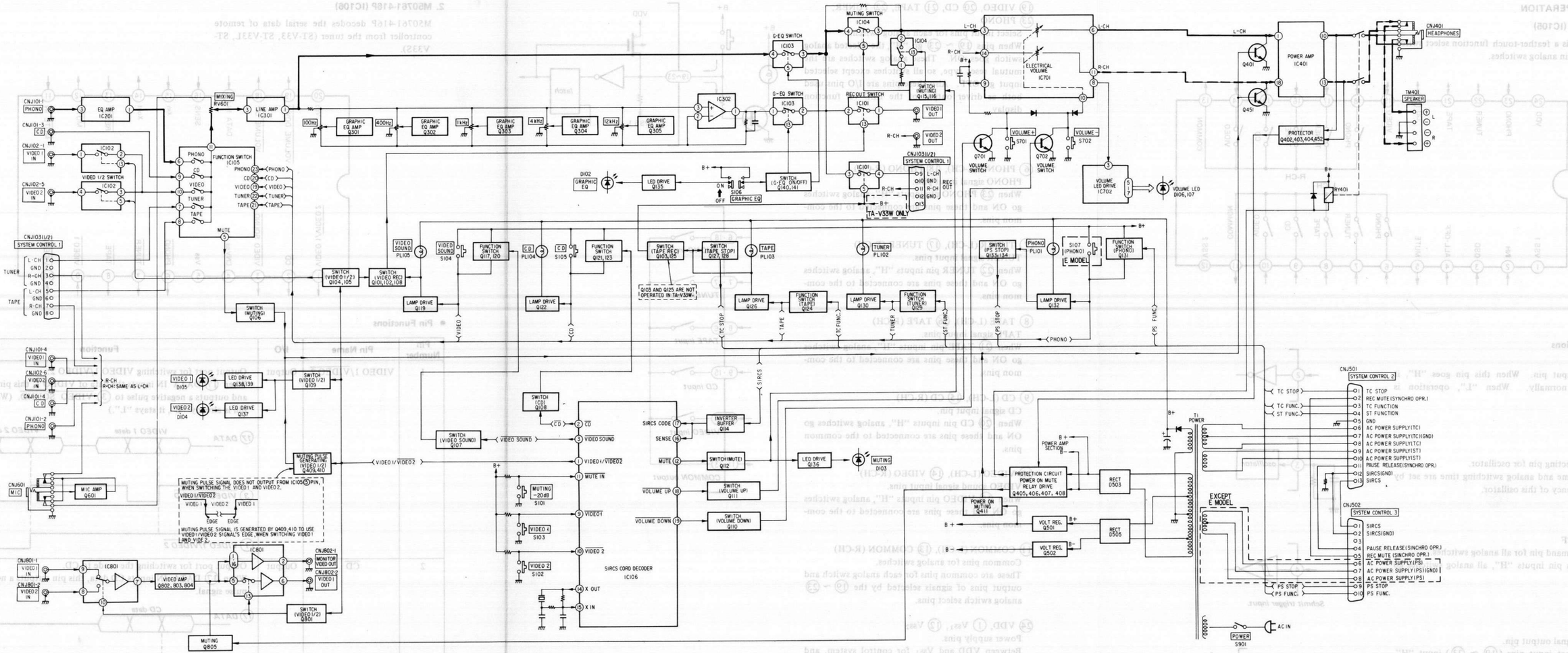


MEMO



SECTION 1
OUTLINE

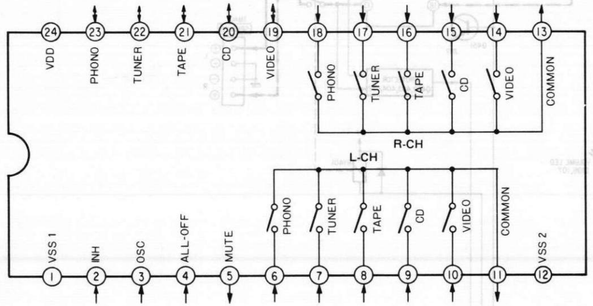
1-1. BLOCK DIAGRAM



1-2. IC's OPERATION

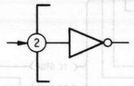
1. TC9152P (IC105)

TC9152P is a feather-touch function select switch with built-in analog switches.

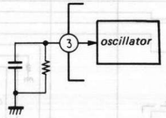


- **Pin Functions**

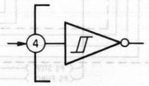
(2) INH
Inhibit input pin. When this pin goes "H", it operates normally. When "L", operation is inhibit.



(3) OSC
C·R connecting pin for oscillator.
Muting time and analog switching time are set by the frequency of this osillator.

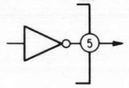


(4) ALL-OFF
OFF command pin for all analog switches.
When this pin inputs "H", all analog switches go off.

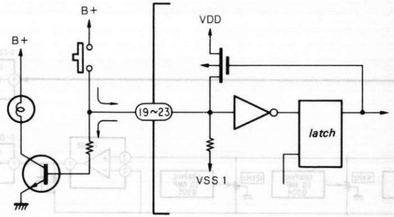


Schmit trigger input.

(5) MUTE
Muting signal output pin.
When select input pins ((19) ~ (23)) input "H", this pin goes "H" temporarily and analog switches are selected. Muting signal output time is set by the frequency of the oscillator.



(19) VIDEO, (20) CD, (21) TAPE, (22) TUNER, (23) PHONO
Select input pins for each analog switch.
When pins (19) ~ (23) go "H", the selected analog switch goes ON. These analog switches are the mutual reset type, so all switches except selected input go OFF. Also these pins are I/O pins used both as driver output of the LED for function display.



(6) PHONO (L-CH), (18) PHONO (R-CH)
PHONO signal input pins.
When (23) PHONO pin inputs "H", analog switches go ON and these pins are connected to the common pins.

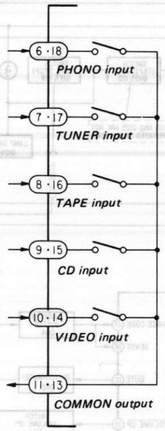
(7) TUNER (L-CH), (17) TUNER (R-CH)
TUNER signal input pins.
When (22) TUNER pin inputs "H", analog switches go ON and these pins are connected to the common pins.

(8) TAPE (L-CH), (16) TAPE (R-CH)
TAPE signal input pins.
When (21) TAPE pin inputs "H", analog switches go ON and these pins are connected to the common pins.

(9) CD (L-CH), (15) CD (R-CH)
CD signal input pin.
When (20) CD pin inputs "H", analog switches go ON and these pins are connected to the common pins.

(10) VIDEO (L-CH), (14) VIDEO (R-CH)
VIDEO sound signal input pins.
When (19) VIDEO pin inputs "H", analog switches go ON and these pins are connected to the common pins.

(11) COMMON (L-CH), (13) COMMON (R-CH)
Common pins for analog switches.
These are common pins for each analog switch and output pins of signals selected by the (19) ~ (23) analog switch select pins.

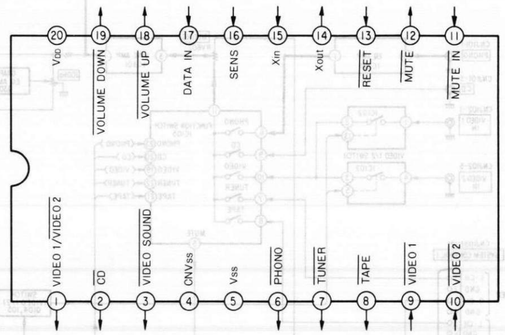


(24) VDD, (1) V_{SS1}, (12) V_{SS2}
Power supply pins.
Between VDD and V_{SS1} for control system, and between VDD and V_{SS2} for analog switch system.
The relation among these three pins:
$VDD > V_{SS1} > V_{SS2}$

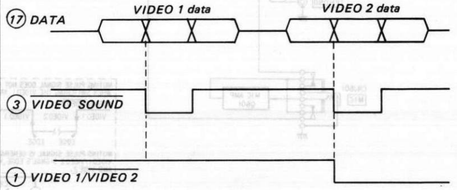
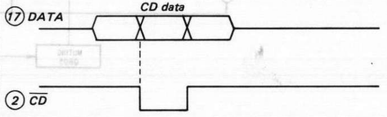
TA-V33/V33W

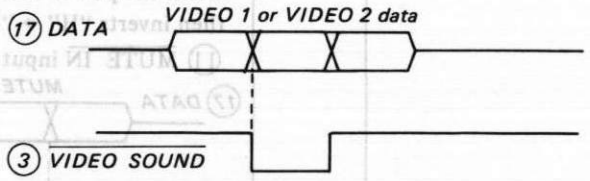
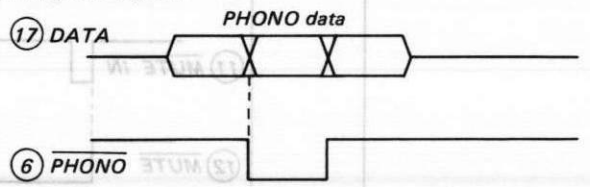
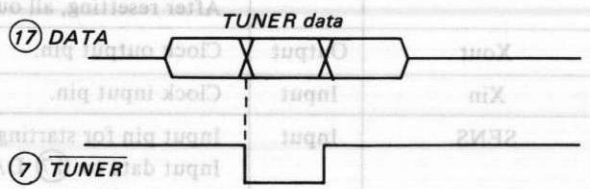
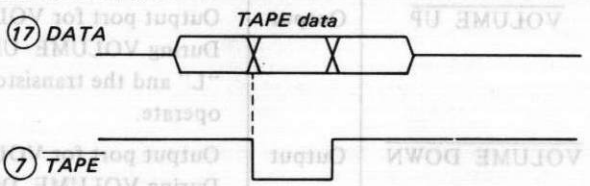
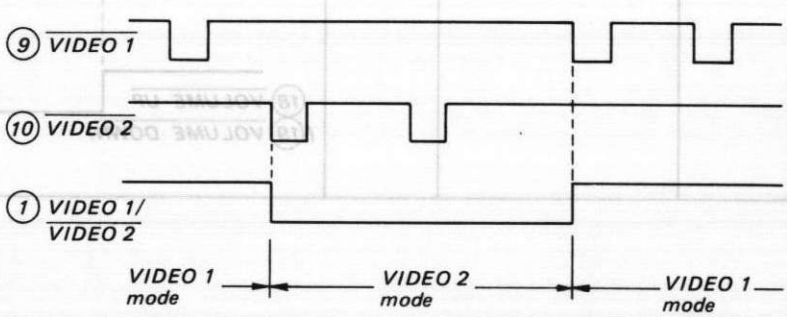
2. M50761-416P (IC106)

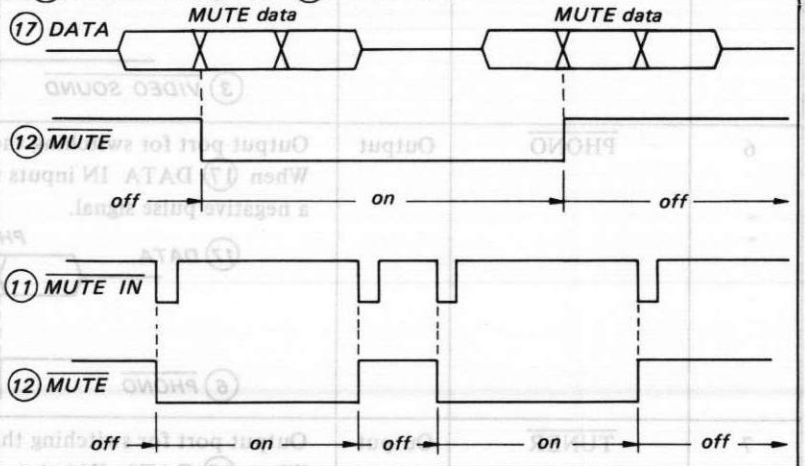
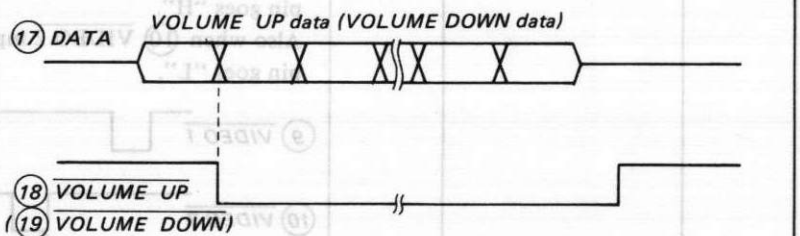
M50761-416P decodes the serial data of remote controller from the tuner (ST-V33, ST-V33L, ST-V33S).



- **Pin Functions**

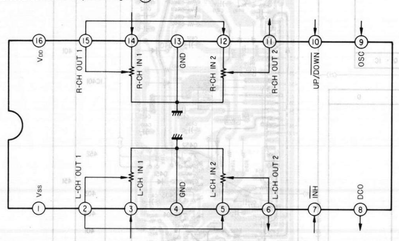
Pin Number	Pin Name	I/O	Function
1	VIDEO 1/$\overline{\text{VIDEO 2}}$	Output	Output port for switching VIDEO 1/VIDEO 2. When (17) DATA IN inputs the data of VIDEO 1, this pin goes "H" and outputs a negative pulse to (3) $\overline{\text{VIDEO SOUND}}$. (When this pin is already "L", it stays "L".) 
2	$\overline{\text{CD}}$	Output	Output port for switching the mode to CD. When (17) DATA IN inputs CD data, this pin outputs a negative pulse signal. 

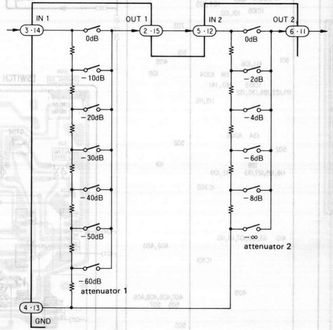
Pin Number	Pin Name	I/O	Function
3	$\overline{\text{VIDEO SOUND}}$	Output	Output port for switching the mode to VIDEO SOUND. When (17) DATA IN inputs the data of VIDEO 1 or VIDEO 2, this pin outputs a negative pulse signal. 
6	$\overline{\text{PHONO}}$	Output	Output port for switching the mode to PHONO. When (17) DATA IN inputs the data of PHONO, this pin outputs a negative pulse signal. 
7	$\overline{\text{TUNER}}$	Output	Output port for switching the mode to TUNER. When (17) DATA IN inputs the data of TUNER, this pin outputs a negative pulse signal. 
8	$\overline{\text{TAPE}}$	Output	Output port for switching the mode to TAPE. When (17) DATA IN inputs the data of TAPE, this pin outputs a negative pulse signal. 
9 10	$\overline{\text{VIDEO 1}}$ $\overline{\text{VIDEO 2}}$	Input Input	Input ports switching VIDEO 1 and VIDEO 2. When (9) $\overline{\text{VIDEO 1}}$ inputs (active low), (1) VIDEO 1/$\overline{\text{VIDEO 2}}$ pin goes "H". Also when (10) $\overline{\text{VIDEO 2}}$ inputs (active low), (1) VIDEO 1/$\overline{\text{VIDEO 2}}$ pin goes "L". 

Pin Number	Pin Name	I/O	Function
11	$\overline{\text{MUTE IN}}$	Input	Input port for switching MUTING –20 dB ON/OFF.
12	$\overline{\text{MUTE}}$	Output	Output port for switching MUTING –20 dB ON/OFF. When the power switch is ON (at RESET), this pin goes "H", then inverts "H" → "L" → "H" by MUTE data input to (11) $\overline{\text{MUTE IN}}$ input or (17) DATA IN. 
13	$\overline{\text{RESET}}$	Input	Reset input pin. After resetting, all output ports go "H".
14	Xout	Output	Clock output pin.
15	Xin	Input	Clock input pin.
16	SENS	Input	Input pin for starting transmission of the remote controller data. Input data to (17) DATA IN is read at the beginning of the signal input to this pin.
17	DATA IN	Input	This pin inputs the remote control serial data from the tuner (ST-V33/V33L/V33S).
18	$\overline{\text{VOLUME UP}}$	Output	Output port for VOLUME UP. During VOLUME UP data input to (17) DATA IN, this pin goes "L" and the transistor switches (Q117, 701) for VOLUME UP operate.
19	$\overline{\text{VOLUME DOWN}}$	Output	Output port for VOLUME DOWN. During VOLUME DOWN data input to (17) DATA IN, this pin goes "L" and the transistor switches (Q110, 702) for VOLUME DOWN operate. 

3. TC9153P (IC701)

TC9153P is an electronic volume IC.
This TC9153P is able to control the attenuation from 0 dB to −66 dB at intervals of 2 dB by the built-in oscillator and UP/DOWN pin (10).





- **Pin Functions**

(2) L-CH OUT 1, (15) R-CH OUT 1
Output pin for 10 dB step attenuator.
The signal applied to L/R-CH IN 1 attenuates 7 steps from 0 to −60 dB at intervals of 10 dB.

(3) L-CH IN 1, (14) R-CH IN 1
Input pin for 10 dB step attenuator.

(6) L-CH OUT 2, (11) R-CH OUT 2
Output pin for 2 dB step attenuator.
The signal applied to L/R-CH IN 2 attenuates 5 steps from 0 to −8 dB at intervals of 2 dB.

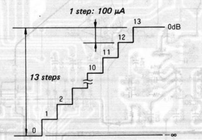
(5) L-CH IN 2, (12) R-CH IN 2
Input pin for 2 dB step attenuator.

The attenuator is composed of the resistors and the analog switches.
Attenuator 1 attenuates 10 dB steps from 0 to −60 dB and attenuator 2 attenuates 2 dB steps from 0 to 8 dB.
Total attenuation is 2 dB steps from 0 to −66 dB.

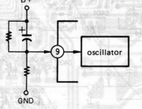
(7) INH
Inhibit input pin.
When "H" is input, this pin operates normally.
When "L" is input, all inputs and outputs are interrupted and inhibit operation starts.

(8) DCO
DC current output pin for attenuation display.
Attenuation is divided into 13 steps (0 ~ −∞) and about 100 μA DC is output per 1 step.

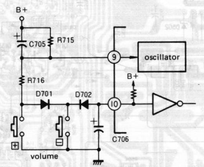
Step	Output Current	Attenuation
0	0	−64 dB ~ −∞
1	100 μA	−60 ~ −62 dB
2	200 μA	−54 ~ −58 dB
3	300 μA	−50 ~ −52 dB
4	400 μA	−44 ~ −48 dB
5	500 μA	−40 ~ −42 dB
6	600 μA	−34 ~ −38 dB
7	700 μA	−30 ~ −32 dB
8	800 μA	−24 ~ −28 dB
9	900 μA	−20 ~ −22 dB
10	1 mA	−14 ~ −18 dB
11	1.1 mA	−10 ~ −12 dB
12	1.2 mA	−4 ~ −8 dB
13	1.3 mA	0 ~ −2 dB



(9) OSC
C-R connecting pin for the oscillator.
This pin is the oscillator for UP/DOWN control of the attenuation.
UP/DOWN speed is set by the time constant of the capacitor and the resistor. (OSC frequency)



(10) UP/DOWN
Input pin for the attenuation UP/DOWN control.
When this pin goes "H", the volume goes up synchronized with activation of the oscillator.
Also when this pin goes "L", the volume goes down. When the + or − key of the volume is pushed, R716 is grounded and the oscillator starts to operate. When + key is pushed, D701 and D702 go OFF and (10) goes "H". ((10) is pulled up in the IC.)
When − key is pushed, D701 and D702 go ON and (10) goes "L".
When neither + key nor − key is pushed, (10) goes "H".
However the attenuation does not change because the oscillator does not operate.

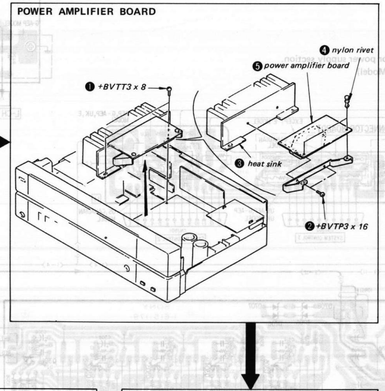


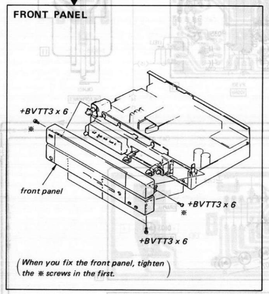
TA-V33/V33W TA-V33/V33W

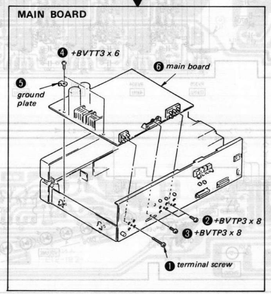
SECTION 2
DISASSEMBLY

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

Remove the case. (five screws)





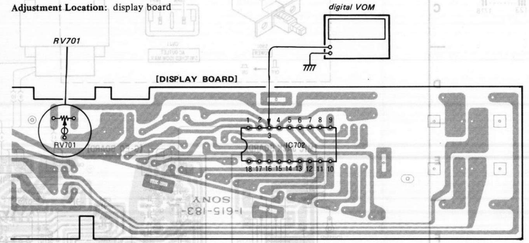


SECTION 3
ADJUSTMENTS

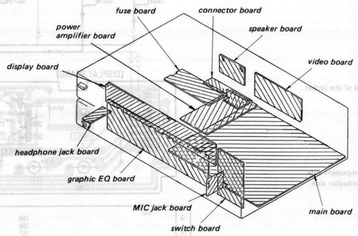
Volume LED Adjustment

Procedure:
1. Connect the digital VOM to pin (3) of IC702 on the display board.
2. Push the volume + key for maximum volume. (Keep pushing for about ten seconds.)
3. Adjust RV701 so that the tenth point of the volume indicator LED just goes out, and measure the voltage of IC702 pin (3).
4. Adjust RV701 so that the voltage of IC702 pin (3) increases by 50 mV$^{+3}_{-0}$ mV from the voltage measured in step 3.
5. After the adjustment, perform volume up/down and confirm there is no flicker on LED and no simultaneous lighting up. (going out).
   If there is, it may be caused by the adjustment or the measurement error in step 3, so repeat this adjustment again.

Adjustment Location: display board



CIRCUIT BOARDS LOCATION



SECTION 4
DIAGRAMS

4-1. MOUNTING DIAGRAM

- Semiconductor Lead Layouts

M5209P
M5218P

RB402

2SB507HP-E
2SD313HP

LC4066BH

S1VB20

STK4151II

LA7220
TC9153P

GL-9PR4

BA689

TLG208-5-S

M50761-416P

TLY255

TC9152P

2SC3622A-L

1SS202-1

2SA1048-GR
2SA998-F
2SC2458
DTA124ES
DTC124ES

10E-2
HZ11C3L
HZ5B1
HZ5C1L
HZ8A1L

Note:
- Color code of sleeving over the end of the jacket.

- ○—○ : parts extracted from the component side.
- ●—● : parts extracted from the conductor side.
- signal path
- : L-CH signal path
- : R-CH signal path
- B + pattern
- B − pattern

[FUSE BOARD] (US,CANADIAN MODEL)

[SPEAKER BOARD]

[CONNECTOR BOARD]

[MIC JACK BOARD]

[G-EQ BOARD]

[HEADPHONE JACK BOARD]

[DISPLAY BOARD]

[MAIN BOARD]

[VIDEO BOARD]

[POWER AMPLIFIER BOARD]

[SWITCH BOARD]

See page 29 for power supply section. (AEP, UK, E Model)

4-2. SCHEMATIC DIAGRAM • See page 29 for notes.

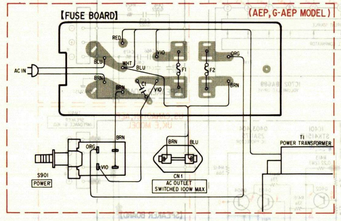
TA-V33/V33W

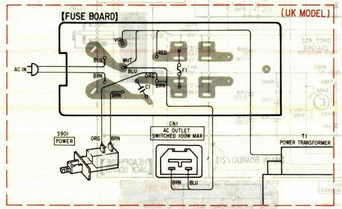
TA-V33/V33W

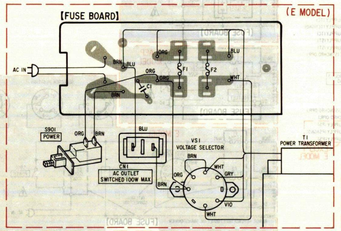
TA-V33/V33W

TA-V33/V33W

4-3. MOUNTING DIAGRAM — POWER SUPPLY SECTION —







Note on Mounting Diagram:

- Color code of sleeving over the end of the jacket.

- ○—: parts extracted from the component side.

Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. pF: μμF
  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼W or less unless otherwise specified.
- : signal path.
- : nonflammable resistor.
- : fusible resistor.
- : B+ bus.
- : B− bus.
- : adjustment for repair.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under no-signal conditions with a VOM (50 kΩ/V).
  no mark: PHONO
  ( ): TUNER
  (( )): TAPE
  < >: CD
  << >>: VIDEO SOUND
  [ ]: VIDEO 1
  [[ ]]: VIDEO 2
  G-EQ : GRAPHIC EQUALIZER ON
  H : MUTING −20 dB ON
- Voltage variations may be noted due to normal production tolerances.
- Switch

Ref. No.	Switch	Position
S101	MUTING −20 dB	OFF
S102	VIDEO 2	OFF
S103	VIDEO 1	OFF
S104	VIDEO SOUND	OFF
S105	CD	OFF
S106	GRAPHIC EQ	OFF
S107	PHONO	OFF
(E model only)		
S701	VOLUME +	OFF
S702	VOLUME −	OFF
S901	POWER	OFF

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

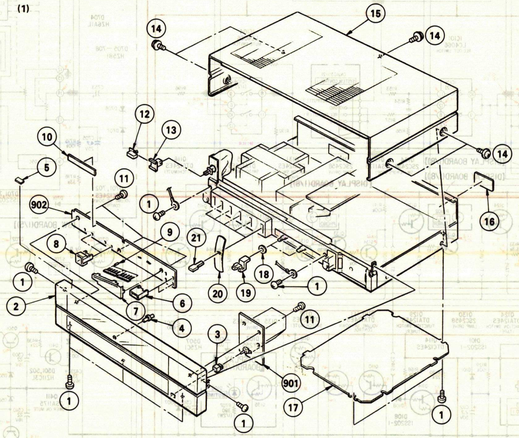
Note: Les composants identifiés par un tramé et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

SECTION 5
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 collation number in the remark column.

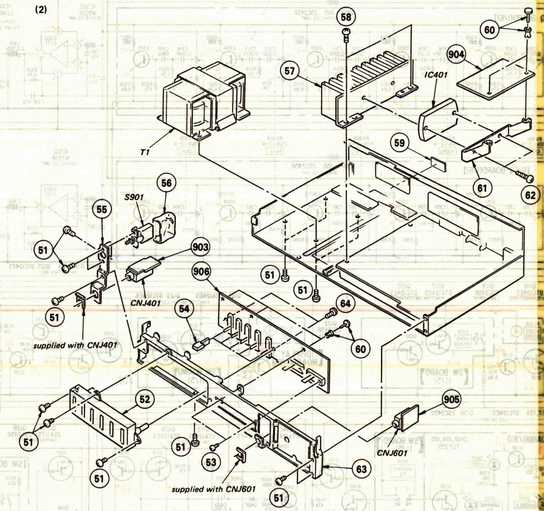
The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

(1)



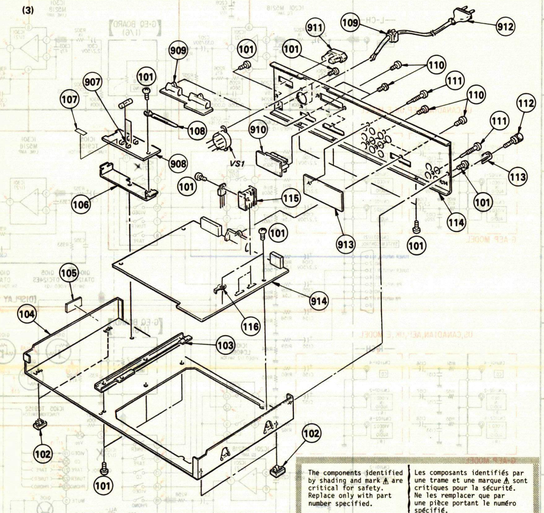
No.	Part No.	Description	REMARKS
1	7-685-871-01	SCREW +BVTT 3X6 (S)	
2	A-4322-644-A	(TA-V33:US,Canadian,AEP,UK)...PANEL ASSY	
	A-4322-645-A	(TA-V33:E).....PANEL ASSY	
	A-4322-646-A	(TA-V33W:AEP).....PANEL ASSY	
	A-4322-647-A	(TA-V33W:E).....PANEL ASSY	
3	X-4888-101-5	KNOB (6X7) ASSY, SQUARE	
4	X-4909-501-1	(E)....KNOB ASSY, PUSH	
5	*3-701-690-00	(UK)...LABEL (MADE IN JAPAN)	
6	*4-902-848-01	HOLDER (C), LED	
7	*4-908-317-01	BRACKET, LED	
8	*4-908-318-01	HOLDER (D), LED	
9	4-886-864-11	SPACER, LED	
10	*4-909-512-01	PLATE, LIGHT INTERCEPTION	
11	7-685-646-71	SCREW +BVTP 3X8 TYPE2 N-S	
12	4-907-611-01	KNOB, POWER	
13	4-875-466-00	JOINT (F2), KNOB	
14	4-886-821-01	SCREW, M3 CASE	
15	4-909-521-01	CASE	
16	*4-302-759-00	(TA-V33:US,Canadian,UK,E) ....LABEL, SERIAL NUMBER	
	*4-909-501-11	(TA-V33W:AEP)....LABEL, MODEL NUMBER	
	*4-909-502-01	(TA-V33W:E).....LABEL, MODEL NUMBER	
	*4-909-503-11	(TA-V33:AEP).....LABEL, MODEL NUMBER	
	*4-909-504-01	(TA-V33(LBT-V330):G-AEP) ....LABEL, MODEL NUMBER	
17	*4-902-822-01	PLATE, BOTTOM	
18	3-659-758-00	WASHER	
19	4-886-818-91	KNOB, CONTROL, SLIDE	
20	4-909-509-01	PLATE, INDICATION, EQ	
21	4-909-510-01	KNOB, EQ	
901	*1-615-173-11	SWITCH BOARD	
902	*1-615-183-11	DISPLAY BOARD	

(2)



No.	Part No.	Description	REMARKS
51	7-685-871-01	SCREW +BVTT 3X6 (S)	
52	*4-909-513-01	EQ BLOCK	
53	7-621-255-15	SCREW +P 2X3	
54	4-909-511-01	JOINT, KNOB, EQ	
55	*4-909-508-01	BRACKET, SWITCH	
57	*4-881-415-00	HEAT SINK (A)	
58	3-559-001-00	(AEP,UK)....COVER, POWER SWITCH	
59	7-685-872-09	SCREW +BVTT 3X8 (S)	
59	*4-909-524-01	(TA-V33W:AEP)...LABEL	
60	4-812-134-11	RIVET NYLON, 3.5	
61	*4-909-518-01	BRACKET, PC BOARD	
62	7-685-650-71	SCREW +BVTP 3X16 TYPE2 IT-3	
63	*4-909-519-01	PANEL, SUB	
64	7-685-134-19	SCREW +BTP 2.6X8 TYPE2 N-S	
903	*1-615-177-11	HEADPHONE JACK BOARD	
904	*A-4388-416-A	(US,Canadian,AEP,UK,E)...MOUNTED PCB, AMPLIFIER, POWER	
	*A-4388-417-A	(G-AEP)...MOUNTED PCB, AMPLIFIER, POWER	
905	*1-615-178-11	MIC JACK BOARD	
906	*A-4375-204-A	MOUNTED PCB, GEQ	

(3)



No.	Part No.	Description	REMARKS
101	7-685-871-01	SCREW +BVTT 3X6 (S)	
102	X-4907-603-1	FOOT ASSY	
103	*4-902-821-01	BRACKET, HEAT SINK	
104	*4-909-522-01	CHASSIS	
105	*3-701-030-00	LABEL, SERIAL NUMBER	
106	*4-902-812-01	HOLDER, FUSE PC BOARD	
107	*3-701-946-25	(US,Canadian)...LABEL, FUSE	
108	*3-701-822-00	HOLDER, WIRE	
109	3-703-571-00	(US,E)...BUSHING (S) (4516), CORD	
	3-703-244-00	(Canadian,AEP,UK)...BUSHING, CORD	
110	7-685-646-71	SCREW +BVTP 3X8 TYPE2 N-S	
111	3-703-473-00	SCREW, TERMINAL	
112	3-706-165-00	SCREW	
113	3-701-993-00	SPACER, TERMINAL	
114	*4-909-505-11	(US).....PLATE, JACK	
	*4-909-505-21	(Canadian)...PLATE, JACK	
	*4-909-505-31	(AEP).....PLATE, JACK	
	*4-909-505-41	(G-AEP).....PLATE, JACK	
	*4-909-505-51	(UK).....PLATE, JACK	
	*4-909-505-61	(E).....PLATE, JACK	
115	*4-363-146-00	HEAT SINK, Y.OUT	
116	*4-881-629-00	PLATE (A), GROUND	
907	1-533-162-00	HOLDER, FUSE	
908	*1-615-172-11	FUSE BOARD	
909	*1-615-176-11	CONNECTOR BOARD	
910	*1-615-180-11	SPEAKER BOARD	
911	⚠1-526-774-11	(UK).....OUTLET, AC	
	⚠1-526-776-11	(E).....OUTLET, AC	
	⚠1-526-794-11	(AEP).....OUTLET, AC	
	⚠1-526-882-00	(US,Canadian)...OUTLET, AC	
912	⚠1-534-817-11	(AEP).....CORD, POWER	
	⚠1-551-472-23	(E).....CORD, POWER	
	⚠1-551-804-00	(UK).....CORD, POWER	
	⚠1-556-905-00	(Canadian).....CORD, POWER	
	⚠1-557-579-11	(US)....CORD, POWER	
913	*1-615-174-11	VIDEO BOARD	
914	*A-4388-412-A	(US,Canadian)...MOUNTED PCB, MAIN	
	*A-4388-413-A	(E).....MOUNTED PCB, MAIN	
	*A-4388-414-A	(AEP,UK)...MOUNTED PCB, MAIN	
	*A-4388-415-A	(G-AEP)....MOUNTED PCB, MAIN	

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.

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 circuitsin 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
- MMH : 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	*1-615-173-11	SWITCH BOARD
902	*1-615-183-11	DISPLAY BOARD
903	*1-615-177-11	HEADPHONE JACK BOARD
904	*A-4388-416-A	(US,Canadian,AEP,UK,E)...MOUNTED PCB, AMPLIFIER, POWER
	*A-4388-417-A	(G-AEP)..MOUNTED PCB, AMPLIFIER, POWER
905	*1-615-178-11	MIC JACK BOARD
906	*A-4375-204-A	MOUNTED PCB, GEQ
907	1-533-162-00	HOLDER, FUSE
908	*1-615-172-11	FUSE BOARD
909	*1-615-176-11	CONNECTOR BOARD
910	*1-615-180-11	SPEAKER BOARD
911	⚠1-526-751-11	(UK)....OUTLET, AC
	⚠1-526-776-11	(E).....OUTLET, AC
	⚠1-526-794-11	(AEP)...OUTLET, AC
	⚠1-526-882-00	(US,Canadian)...OUTLET, AC
912	⚠1-534-817-XX	(AEP).....CORD, POWER
	⚠1-551-472-23	(E).....CORD, POWER
	⚠1-551-884-00	(UK).....CORD, POWER
	⚠1-556-905-00	(Canadian)...CORD, POWER
	⚠1-557-579-11	(US).....CORD, POWER
913	*1-615-174-11	VIDEO BOARD
914	*A-4388-412-A	(US,Canadian)...MOUNTED PCB, MAIN
	*A-4388-413-A	(E).....MOUNTED PCB, MAIN
	*A-4388-414-A	(AEP,UK)..MOUNTED PCB, MAIN
	*A-4388-415-A	(G-AEP)...MOUNTED PCB, MAIN
C1	⚠1-161-744-00	CERAMIC 0.01MF 400V
C101	1-162-286-31	(G-AEP)...CERAMIC 220PF 10% 50V
C102	1-162-286-31	(G-AEP)...CERAMIC 220PF 10% 50V
C103	1-162-286-31	(G-AEP)...CERAMIC 220PF 10% 50V
C104	1-123-612-00	ELECT 2.2MF 20% 50V
C105	1-123-612-00	ELECT 2.2MF 20% 50V
C106	1-123-612-00	ELECT 2.2MF 20% 50V
C107	1-123-612-00	ELECT 2.2MF 20% 50V
C108	1-123-612-00	ELECT 2.2MF 20% 50V
C109	1-123-612-00	ELECT 2.2MF 20% 50V
C110	1-162-284-31	CERAMIC 150PF 10% 50V
C111	1-162-284-31	CERAMIC 150PF 10% 50V
C112	1-123-612-00	ELECT 2.2MF 20% 50V
C115	1-162-306-31	CERAMIC 0.01MF 30% 16V
C116	1-162-306-31	CERAMIC 0.01MF 30% 16V
C117	1-162-306-31	CERAMIC 0.01MF 30% 16V
C151	1-162-286-31	(G-AEP)...CERAMIC 220PF 10% 50V
C152	1-162-286-31	(G-AEP)...CERAMIC 220PF 10% 50V
C153	1-162-286-31	(G-AEP)...CERAMIC 220PF 10% 50V
C154	1-123-612-00	ELECT 2.2MF 20% 50V
C155	1-123-612-00	ELECT 2.2MF 20% 50V

ELECTRICAL PARTS

Ref.No.	Part No.	Description
C156	1-123-612-00	ELECT 2.2MF 20% 50V
C157	1-123-612-00	ELECT 2.2MF 20% 50V
C158	1-123-612-00	ELECT 2.2MF 20% 50V
C201	1-123-612-00	ELECT 2.2MF 20% 50V
C202	1-162-282-31	CERAMIC 100PF 10% 50V
C203	1-162-219-31	CERAMIC 68PF 5% 50V
C204	1-123-318-00	ELECT 33MF 20% 16V
C205	1-106-190-00	MYLAR 0.0056MF 5% 50V
C206	1-106-176-00	MYLAR 0.0015MF 5% 50V
C207	1-123-609-00	ELECT 0.33MF 20% 50V
C208	1-123-622-00	ELECT 22MF 20% 16V
C251	1-123-612-00	ELECT 2.2MF 20% 50V
C252	1-162-282-31	CERAMIC 100PF 10% 50V
C253	1-162-219-31	CERAMIC 68PF 5% 50V
C254	1-123-318-00	ELECT 33MF 20% 16V
C255	1-106-190-00	MYLAR 0.0056MF 5% 50V
C256	1-106-176-00	MYLAR 0.0015MF 5% 50V
C257	1-123-609-00	ELECT 0.33MF 20% 50V
C258	1-123-622-00	ELECT 22MF 20% 16V
C301	1-123-612-00	ELECT 2.2MF 20% 50V
C302	1-162-284-31	CERAMIC 150PF 10% 50V
C303	1-162-215-31	CERAMIC 47PF 5% 50V
C304	1-162-215-31	CERAMIC 47PF 5% 50V
C305	1-123-612-00	ELECT 2.2MF 20% 50V
C306	1-123-610-00	ELECT 0.47MF 20% 50V
C307	1-136-163-00	FILM 0.068MF 5% 50V
C308	1-123-608-00	ELECT 0.22MF 20% 50V
C309	1-136-155-00	FILM 0.015MF 5% 50V
C310	1-136-163-00	FILM 0.068MF 5% 50V
C311	1-106-192-00	MYLAR 0.0068MF 5% 50V
C312	1-136-157-00	FILM 0.022MF 5% 50V
C313	1-106-176-00	MYLAR 0.0015MF 5% 50V
C314	1-106-188-00	MYLAR 0.0047MF 5% 50V
C315	1-102-116-00	CERAMIC 680PF 10% 50V
C316	1-162-215-31	CERAMIC 47PF 5% 50V
C317	1-162-284-31	CERAMIC 150PF 10% 50V
C318	1-162-215-31	CERAMIC 47PF 5% 50V
C319	1-123-612-00	ELECT 2.2MF 20% 50V
C351	1-123-612-00	ELECT 2.2MF 20% 50V
C352	1-162-284-31	CERAMIC 150PF 10% 50V
C353	1-162-215-31	CERAMIC 47PF 5% 50V
C354	1-162-215-31	CERAMIC 47PF 5% 50V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C355	1-123-612-00	ELECT	2.2MF	20%	50V
C356	1-123-610-00	ELECT	0.47MF	20%	50V
C357	1-136-163-00	FILM	0.068MF	5%	50V
C358	1-123-608-00	ELECT	0.22MF	20%	50V
C359	1-136-155-00	FILM	0.015MF	5%	50V
C360	1-136-163-00	FILM	0.068MF	5%	50V
C361	1-106-192-00	MYLAR	0.0068MF	5%	50V
C362	1-136-157-00	FILM	0.022MF	5%	50V
C363	1-106-176-00	MYLAR	0.0015MF	5%	50V
C364	1-106-188-00	MYLAR	0.0047MF	5%	50V
C365	1-102-116-00	CERAMIC	680PF	10%	50V
C366	1-162-215-31	CERAMIC	47PF	5%	50V
C367	1-162-284-31	CERAMIC	150PF	10%	50V
C368	1-162-215-31	CERAMIC	47PF	5%	50V
C369	1-123-612-00	ELECT	2.2MF	20%	50V
C402	1-162-286-31	CERAMIC	220PF	10%	50V
C403	1-123-612-00	ELECT	2.2MF	20%	50V
C404	1-162-286-31	(US,Canadian,AEP,UK,E) ....CERAMIC	220PF	10%	50V
C404	1-162-290-31	(G-AEP)....CERAMIC	470PF	10%	50V
C405	1-123-332-00	ELECT	47MF	20%	16V
C406 ⚠	1-123-360-00	ELECT	100MF	20%	50V
C407	1-123-360-00	ELECT	100MF	20%	50V
C409	1-123-359-00	ELECT	47MF	20%	50V
C410	1-123-357-00	ELECT	22MF	20%	50V
C411	1-123-307-00	ELECT	100MF	20%	6.3V
C412	1-108-591-00	MYLAR	0.033MF	10%	50V
C413	1-123-816-00	ELECT	10MF	20%	50V
C414	1-123-308-00	ELECT	220MF	20%	6.3V
C415	1-108-587-00	(G-AEP)...FILM	0.022MF	10%	50V
C416	1-108-587-00	(G-AEP)...FILM	0.022MF	10%	50V
C417	1-108-591-00	MYLAR	0.033MF	10%	50V
C418	1-108-591-00	MYLAR	0.033MF	10%	50V
C420	1-123-612-00	ELECT	2.2MF	20%	50V
C421	1-123-612-00	ELECT	2.2MF	20%	50V
C422	1-123-607-00	ELECT	0.1MF	20%	50V
C423	1-123-318-00	ELECT	33MF	20%	16V
C425	1-136-165-00	FILM	0.1MF	5%	50V
C428	1-161-326-00	(G-AEP)...CERAMIC	2200PF	30%	50V
C429	1-136-165-00	FILM	0.1MF	5%	50V
C452	1-162-286-31	CERAMIC	220PF	10%	50V
C453	1-123-612-00	ELECT	2.2MF	20%	50V
C454	1-162-286-31	(US,Canadian,AEP,UK,E) ....CERAMIC	220PF	10%	50V
C454	1-162-290-31	(G-AEP)....CERAMIC	470PF	10%	50V
C455	1-123-332-00	ELECT	47MF	20%	16V
C459	1-123-359-00	ELECT	47MF	20%	50V
C462	1-108-591-00	MYLAR	0.033MF	10%	50V
C465	1-108-587-00	(G-AEP)...FILM	0.022MF	10%	50V
C466	1-108-587-00	(G-AEP)...FILM	0.022MF	10%	50V
C468	1-108-591-00	MYLAR	0.033MF	10%	50V
C478	1-161-326-00	(G-AEP)...CERAMIC	2200PF	30%	50V
C501	1-124-030-00	(US,Canadian)...ELECT	6800MF	20%	42V
C501	1-124-362-00	(AEP,UK,E).....ELECT	4700MF	20%	42V

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			
C502	1-124-030-00	(US,Canadian)..ELECT	6800MF	20%	42V
C502	1-124-362-00	(AEP,UK,E).....ELECT	4700MF	20%	42V
C503	1-161-326-00	(G-AEP)...CERAMIC	2200PF	30%	50V
C504	1-161-326-00	(G-AEP)...CERAMIC	2200PF	30%	50V
C505	1-123-338-00	ELECT	2200MF	20%	25V
C506	1-123-338-00	ELECT	2200MF	20%	25V
C507	1-123-333-00	ELECT	100MF	20%	16V
C508	1-123-333-00	ELECT	100MF	20%	16V
C509	1-123-622-00	ELECT	22MF	20%	16V
C510	1-123-622-00	ELECT	22MF	20%	16V
C511	1-123-611-00	ELECT	1MF	20%	50V
C512	1-123-307-00	ELECT	100MF	20%	6.3V
C513	1-123-323-00	ELECT	470MF	20%	16V
C514	1-102-394-00	CERAMIC			250V
C601	1-123-609-00	ELECT	0.33MF	20%	50V
C602	1-162-294-31	CERAMIC	0.001MF	10%	50V
C603	1-123-609-00	ELECT	0.33MF	20%	50V
C604	1-123-618-00	ELECT	22MF	20%	6.3V
C605	1-162-303-31	CERAMIC	0.0033MF	30%	16V
C606	1-108-591-00	MYLAR	0.033MF	10%	50V
C607	1-123-622-00	ELECT	22MF	20%	16V
C701	1-123-611-00	ELECT	1MF	20%	50V
C702	1-123-617-00	ELECT	10MF	20%	16V
C703	1-123-612-00	ELECT	2.2MF	20%	50V
C704	1-123-612-00	ELECT	2.2MF	20%	50V
C705	1-123-616-00	ELECT	4.7MF	20%	25V
C706	1-123-617-00	ELECT	10MF	20%	16V
C707	1-123-325-00	ELECT	2200MF	20%	16V
C708	1-123-308-00	ELECT	220MF	20%	6.3V
C710	1-162-306-31	CERAMIC	0.01MF	30%	16V
C711	1-162-306-31	CERAMIC	0.01MF	30%	16V
C712	1-123-612-00	ELECT	2.2MF	20%	50V
C713	1-123-821-00	ELECT	47MF	20%	16V
C753	1-123-612-00	ELECT	2.2MF	20%	50V
C754	1-123-612-00	ELECT	2.2MF	20%	50V
C801	1-123-622-00	ELECT	22MF	20%	16V
C802	1-123-311-00	ELECT	1000MF	20%	10V
C803	1-123-622-00	ELECT	22MF	20%	16V
C804	1-123-311-00	ELECT	1000MF	20%	10V
C805	1-123-622-00	ELECT	22MF	20%	16V
C806	1-123-622-00	ELECT	22MF	20%	16V
C807	1-123-622-00	ELECT	22MF	20%	16V
C808	1-123-622-00	ELECT	22MF	20%	16V
CF101	1-527-532-00	OSCILLATOR, CERAMIC			
CNJ101	1-507-788-00	JACK, PIN 4P (PHONO/CD)			
CNJ102	1-507-911-11	JACK, PIN 6P (VIDEO AUDIO IN/OUT)			
CNJ103	1-562-068-00	SOGKET, CONNECTOR 13P(SYSTEM CONTROL 1)			
CNJ401	1-507-825-00	JACK, LARGE TYPE (HEADPHONES)			
CNJ501	1-562-068-00	SOCKET, CONNECTOR 13P(SYSTEM CONTROL 2)			
CNJ502	1-562-479-11	SOCKET, CONNECTOR 10P(SYSTEM CONTROL 3)			
CNJ601	1-507-932-11	JACK, LARGE TYPE (MIC)			
CNJ801	1-507-888-00	JACK, PIN 2P (VIDEO 1/2 IN)			
CNJ802	1-507-888-00	JACK, PIN 2P (VIDEO 1 OUT, MONITOR)			
D101	8-719-107-94	DIODE 1SS202-1			
D102	8-719-800-89	DIODE TLY225			
D103	8-719-800-89	DIODE TLY225			

ELECTRICAL PARTS

Ref.No.	Part No.	Description
D104	8-719-800-89	DIODE TLY225
D105	8-719-800-89	DIODE TLY225
D106	8-719-800-84	DIODE TLG208-5-S
D107	8-719-800-84	DIODE TLG208-5-S
D109	8-719-107-94	DIODE 1SS202-1
D401	8-719-107-94	DIODE 1SS202-1
D402	8-719-107-94	DIODE 1SS202-1
D403	8-719-107-94	DIODE 1SS202-1
D404	8-719-107-94	DIODE 1SS202-1
D405	8-719-107-94	DIODE 1SS202-1
D406	8-719-107-94	DIODE 1SS202-1
D407	8-719-107-94	DIODE 1SS202-1
D408	8-719-107-94	DIODE 1SS202-1
D409	8-719-107-94	DIODE 1SS202-1
D451	8-719-107-94	DIODE 1SS202-1
D501	8-719-910-19	DIODE HZ11C3L
D502	8-719-910-19	DIODE HZ11C3L
D503	8-719-300-37	DIODE RB402
D504	8-719-200-02	DIODE 10E-2
D505	8-719-511-20	DIODE SIVB20
D506	8-719-200-02	DIODE 10E-2
D507	8-719-911-50	DIODE HZ5C1
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	8-719-910-61	DIODE HZ6A1L
D705	8-719-993-51	DIODE HZ5B1
D706	8-719-993-51	DIODE HZ5B1
D707	8-719-993-51	DIODE HZ5B1
D708	8-719-993-51	DIODE HZ5B1
D709	8-719-107-94	DIODE 1SS202-1
F1 ⚠	.1-532-745-11	(US,Canadian)...FUSE, GLASS TUBE
F1 ⚠	.1-532-285-11	(AEP,UK,E).....FUSE, TIME-LAG 1.25A
F2 ⚠	.1-532-285-11	(AEP,E).....FUSE, TIME-LAG 1.25A
IC101	8-759-800-37	IC LC4066BH
IC102	8-759-800-37	IC LC4066BH
IC103	8-759-800-37	IC LC4066BH
IC104	8-759-800-37	IC LC4066BH
IC105	8-759-204-09	IC TC9152P
IC106	8-759-602-51	IC M50761-416P
IC201	8-759-601-02	IC M5218P
IC301	8-759-601-02	IC M5218P
IC302	8-759-601-02	IC M5218P
IC401	8-749-941-51	IC STK4151II
IC701	8-759-202-42	IC TC9153P
IC702	8-759-915-54	IC BA689
IC801	8-759-801-61	IC LA7220
L401	*1-420-872-00	COIL, AIR CORE
L451	*1-420-872-00	COIL, AIR CORE
PL101	1-518-511-71	LAMP, PILOT (PHONO)
PL102	1-518-511-71	LAMP, PILOT (TUNER)
PL103	1-518-511-71	LAMP, PILOT (TAPE)
PL104	1-518-511-71	LAMP, PILOT (CD)
PL105	1-518-511-71	LAMP, PILOT (VIDEO SOUND)

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
⚠PS501	.1-532-675-00	(AEP,UK).....LINK, IC
⚠PS502	.1-532-686-00	(AEP,UK,E)...LINK, IC
⚠PS503	.1-532-686-00	(AEP,UK,E)...LINK, IC
⚠PS504	.1-532-637-00	(Canadian)...LINK, IC
⚠PS505	.1-532-637-00	(Canadian)...LINK, IC
Q101	8-729-900-63	TRANSISTOR DTA124ES
Q102	8-729-900-63	TRANSISTOR DTA124ES
Q103	8-729-900-63	TRANSISTOR DTA124ES
Q104	8-729-900-63	TRANSISTOR DTA124ES
Q105	8-729-900-36	TRANSISTOR DTC124ES
Q106	8-729-204-83	TRANSISTOR 2SA1048-GR
Q107	8-729-900-63	TRANSISTOR DTA124ES
Q108	8-729-900-63	TRANSISTOR DTA124ES
Q109	8-729-900-63	TRANSISTOR DTA124ES
Q110	8-729-900-63	TRANSISTOR DTA124ES
Q111	8-729-900-63	TRANSISTOR DTA124ES
Q112	8-729-900-63	TRANSISTOR DTA124ES
Q113	8-729-900-63	TRANSISTOR DTA124ES
Q114	8-729-900-36	TRANSISTOR DTC124ES
Q115	8-729-900-63	TRANSISTOR DTA124ES
Q116	8-729-900-36	TRANSISTOR DTC124ES
Q117	8-729-900-63	TRANSISTOR DTA124ES
Q118	8-729-900-36	TRANSISTOR DTC124ES
Q119	8-729-245-83	TRANSISTOR 2SC2458
Q120	8-729-900-36	TRANSISTOR DTC124ES
Q121	8-729-900-63	TRANSISTOR DTA124ES
Q122	8-729-245-83	TRANSISTOR 2SC2458
Q123	8-729-900-36	TRANSISTOR DTC124ES
Q124	8-729-900-63	TRANSISTOR DTA124ES
Q125	8-729-900-36	TRANSISTOR DTC124ES
Q126	8-729-245-83	TRANSISTOR 2SC2458
Q127	8-729-204-83	TRANSISTOR 2SA1048-GR
Q128	8-729-245-83	TRANSISTOR 2SC2458
Q129	8-729-900-63	TRANSISTOR DTA124ES
Q130	8-729-245-83	TRANSISTOR 2SC2458
Q131	8-729-900-63	TRANSISTOR DTA124ES
Q132	8-729-245-83	TRANSISTOR 2SC2458
Q133	8-729-204-83	TRANSISTOR 2SA1048-GR
Q134	8-729-245-83	TRANSISTOR 2SC2458
Q135	8-729-900-36	TRANSISTOR DTC124ES
Q136	8-729-900-36	TRANSISTOR DTC124ES
Q137	8-729-900-36	TRANSISTOR DTC124ES
Q138	8-729-245-83	TRANSISTOR 2SC2458
Q139	8-729-900-36	TRANSISTOR DTC124ES
Q140	8-729-900-36	TRANSISTOR DTC124ES
Q141	8-729-900-63	TRANSISTOR DTA124ES
Q301	8-729-245-83	TRANSISTOR 2SC2458
Q302	8-729-245-83	TRANSISTOR 2SC2458
Q303	8-729-245-83	TRANSISTOR 2SC2458
Q304	8-729-245-83	TRANSISTOR 2SC2458
Q305	8-729-245-83	TRANSISTOR 2SC2458
Q351	8-729-245-83	TRANSISTOR 2SC2458
Q352	8-729-245-83	TRANSISTOR 2SC2458
Q353	8-729-245-83	TRANSISTOR 2SC2458
Q354	8-729-245-83	TRANSISTOR 2SC2458
Q355	8-729-245-83	TRANSISTOR 2SC2458

ELECTRICAL PARTS

Ref.No.	Part No.	Description
Q401	8-729-107-98	TRANSISTOR 2SC3622A-L
Q402	8-729-108-14	TRANSISTOR 2SA988-F
Q403	8-729-204-83	TRANSISTOR 2SA1048-GR
Q404	8-729-204-83	TRANSISTOR 2SA1048-GR
Q405	8-729-245-83	TRANSISTOR 2SC2458
Q406	8-729-204-83	TRANSISTOR 2SA1048-GR
Q407	8-729-245-83	TRANSISTOR 2SC2458
Q408	8-729-245-83	TRANSISTOR 2SC2458
Q409	8-729-245-83	TRANSISTOR 2SC2458
Q410	8-729-204-83	TRANSISTOR 2SA1048-GR
Q411	8-729-204-83	TRANSISTOR 2SA1048-GR
Q451	8-729-107-98	TRANSISTOR 2SC3622A-L
Q452	8-729-108-14	TRANSISTOR 2SA988-F
Q501	8-729-831-33	TRANSISTOR 2SD313HP
Q502	8-729-850-73	TRANSISTOR 2SB507HP-E
Q601	8-729-245-83	TRANSISTOR 2SC2458
Q701	8-729-900-36	TRANSISTOR DTC124ES
Q702	8-729-900-36	TRANSISTOR DTC124ES
Q801	8-729-900-36	TRANSISTOR DTC124ES
Q802	8-729-245-83	TRANSISTOR 2SC2458
Q803	8-729-245-83	TRANSISTOR 2SC2458
Q804	8-729-245-83	TRANSISTOR 2SC2458
Q805	8-729-107-98	TRANSISTOR 2SC3622A-L
R101	1-247-823-00	(G-AEP)...CARBON 470 5% 1/6W
R102	1-247-823-00	(G-AEP)...CARBON 470 5% 1/6W
R103	1-247-847-00	CARBON 4.7K 5% 1/6W
R104	1-247-903-00	CARBON 1M 5% 1/6W
R105	1-247-823-00	(G-AEP)...CARBON 470 5% 1/6W
R106	1-247-903-00	CARBON 1M 5% 1/6W
R107	1-247-847-00	CARBON 4.7K 5% 1/6W
R108	1-247-835-00	CARBON 1.5K 5% 1/6W
R109	1-247-835-00	CARBON 1.5K 5% 1/6W
R110	1-247-835-00	CARBON 1.5K 5% 1/6W
R111	1-247-835-00	CARBON 1.5K 5% 1/6W
R112	1-247-835-00	CARBON 1.5K 5% 1/6W
R113	1-247-897-00	CARBON 560K 5% 1/6W
R114	1-247-897-00	CARBON 560K 5% 1/6W
R115	1-247-897-00	CARBON 560K 5% 1/6W
R116	1-247-897-00	CARBON 560K 5% 1/6W
R117	1-247-897-00	CARBON 560K 5% 1/6W
R118	1-247-871-00	CARBON 47K 5% 1/6W
R119	1-247-871-00	CARBON 47K 5% 1/6W
R120	1-247-871-00	CARBON 47K 5% 1/6W
R122	1-247-863-00	CARBON 22K 5% 1/6W
R123	1-247-863-00	CARBON 22K 5% 1/6W
R124	1-247-863-00	CARBON 22K 5% 1/6W
R125	1-247-863-00	CARBON 22K 5% 1/6W
R126	1-247-863-00	CARBON 22K 5% 1/6W
R127	1-247-903-00	CARBON 1M 5% 1/6W
R128	1-247-843-00	CARBON 3.3K 5% 1/6W
R129	1-247-879-00	CARBON 100K 5% 1/6W
R130	1-247-863-00	CARBON 22K 5% 1/6W
R131	1-247-843-00	CARBON 3.3K 5% 1/6W
R132	1-247-843-00	CARBON 3.3K 5% 1/6W

ELECTRICAL PARTS

Ref.No.	Part No.	Description
R133	1-247-843-00	CARBON 3.3K 5% 1/6W
R134	1-247-855-00	CARBON 10K 5% 1/6W
R135	1-247-855-00	CARBON 10K 5% 1/6W
R136	1-247-855-00	CARBON 10K 5% 1/6W
R137	1-247-843-00	CARBON 3.3K 5% 1/6W
R138	1-247-843-00	CARBON 3.3K 5% 1/6W
R139	1-247-855-00	CARBON 10K 5% 1/6W
R140	1-247-855-00	CARBON 10K 5% 1/6W
R141	1-247-879-00	CARBON 100K 5% 1/6W
R142	1-247-859-00	CARBON 15K 5% 1/6W
R143	1-247-879-00	CARBON 100K 5% 1/6W
R144	1-247-871-00	CARBON 47K 5% 1/6W
R145	1-247-871-00	CARBON 47K 5% 1/6W
R146	1-247-831-00	CARBON 1K 5% 1/6W
R147	1-247-879-00	CARBON 100K 5% 1/6W
R151	1-247-823-00	(G-AEP)...CARBON 470 5% 1/6W
R152	1-247-823-00	(G-AEP)...CARBON 470 5% 1/6W
R153	1-247-847-00	CARBON 4.7K 5% 1/6W
R154	1-247-903-00	CARBON 1M 5% 1/6W
R155	1-247-823-00	(G-AEP)...CARBON 470 5% 1/6W
R156	1-247-903-00	CARBON 1M 5% 1/6W
R157	1-247-847-00	CARBON 4.7K 5% 1/6W
R158	1-247-835-00	CARBON 1.5K 5% 1/6W
R159	1-247-835-00	CARBON 1.5K 5% 1/6W
R160	1-247-835-00	CARBON 1.5K 5% 1/6W
R161	1-247-835-00	CARBON 1.5K 5% 1/6W
R162	1-247-835-00	CARBON 1.5K 5% 1/6W
R163	1-247-897-00	CARBON 560K 5% 1/6W
R164	1-247-897-00	CARBON 560K 5% 1/6W
R165	1-247-897-00	CARBON 560K 5% 1/6W
R166	1-247-897-00	CARBON 560K 5% 1/6W
R167	1-247-897-00	CARBON 560K 5% 1/6W
R168	1-247-855-00	CARBON 10K 5% 1/6W
R192	1-247-859-00	CARBON 15K 5% 1/6W
R193	1-247-879-00	CARBON 100K 5% 1/6W
R196	1-247-831-00	CARBON 1K 5% 1/6W
R197	1-247-863-00	CARBON 22K 5% 1/6W
R201	1-247-871-00	CARBON 47K 5% 1/6W
R202	1-247-831-00	CARBON 1K 5% 1/6W
R203	1-247-897-00	CARBON 560K 5% 1/6W
R204	1-247-829-00	CARBON 820 5% 1/6W
R205	1-247-897-00	CARBON 560K 5% 1/6W
R206	1-247-871-00	CARBON 47K 5% 1/6W
R207	1-247-879-00	CARBON 100K 5% 1/6W
R208	1-247-831-00	CARBON 1K 5% 1/6W
R251	1-247-871-00	CARBON 47K 5% 1/6W
R252	1-247-831-00	CARBON 1K 5% 1/6W
R253	1-247-897-00	CARBON 560K 5% 1/6W
R254	1-247-829-00	CARBON 820 5% 1/6W
R255	1-247-897-00	CARBON 560K 5% 1/6W
R256	1-247-871-00	CARBON 47K 5% 1/6W
R257	1-247-879-00	CARBON 100K 5% 1/6W
R258	1-247-831-00	CARBON 1K 5% 1/6W
R301	1-247-879-00	CARBON 100K 5% 1/6W
R302	1-247-831-00	CARBON 1K 5% 1/6W
R303	1-247-879-00	CARBON 100K 5% 1/6W
R304	1-247-847-00	CARBON 4.7K 5% 1/6W

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R305	1-247-847-00	CARBON	4.7K	5%	1/6W
R306	1-247-833-00	CARBON	1.2K	5%	1/6W
R307	1-247-871-00	CARBON	47K	5%	1/6W
R308	1-247-851-00	CARBON	6.8K	5%	1/6W
R309	1-247-821-00	CARBON	390	5%	1/6W
R310	1-247-833-00	CARBON	1.2K	5%	1/6W
R311	1-247-871-00	CARBON	47K	5%	1/6W
R312	1-247-851-00	CARBON	6.8K	5%	1/6W
R313	1-247-821-00	CARBON	390	5%	1/6W
R314	1-247-833-00	CARBON	1.2K	5%	1/6W
R315	1-247-871-00	CARBON	47K	5%	1/6W
R316	1-247-851-00	CARBON	6.8K	5%	1/6W
R317	1-247-821-00	CARBON	390	5%	1/6W
R318	1-247-835-00	CARBON	1.5K	5%	1/6W
R319	1-247-833-00	CARBON	1.2K	5%	1/6W
R320	1-247-871-00	CARBON	47K	5%	1/6W
R321	1-247-851-00	CARBON	6.8K	5%	1/6W
R322	1-247-821-00	CARBON	390	5%	1/6W
R323	1-247-835-00	CARBON	1.5K	5%	1/6W
R324	1-247-833-00	CARBON	1.2K	5%	1/6W
R325	1-247-871-00	CARBON	47K	5%	1/6W
R326	1-247-851-00	CARBON	6.8K	5%	1/6W
R327	1-247-821-00	CARBON	390	5%	1/6W
R328	1-247-847-00	CARBON	4.7K	5%	1/6W
R329	1-247-879-00	CARBON	100K	5%	1/6W
R351	1-247-879-00	CARBON	100K	5%	1/6W
R352	1-247-831-00	CARBON	1K	5%	1/6W
R353	1-247-879-00	CARBON	100K	5%	1/6W
R354	1-247-847-00	CARBON	4.7K	5%	1/6W
R355	1-247-847-00	CARBON	4.7K	5%	1/6W
R356	1-247-833-00	CARBON	1.2K	5%	1/6W
R357	1-247-871-00	CARBON	47K	5%	1/6W
R358	1-247-851-00	CARBON	6.8K	5%	1/6W
R359	1-247-821-00	CARBON	390	5%	1/6W
R360	1-247-833-00	CARBON	1.2K	5%	1/6W
R361	1-247-871-00	CARBON	47K	5%	1/6W
R362	1-247-851-00	CARBON	6.8K	5%	1/6W
R363	1-247-821-00	CARBON	390	5%	1/6W
R364	1-247-833-00	CARBON	1.2K	5%	1/6W
R365	1-247-871-00	CARBON	47K	5%	1/6W
R366	1-247-851-00	CARBON	6.8K	5%	1/6W
R367	1-247-821-00	CARBON	390	5%	1/6W
R368	1-247-835-00	CARBON	1.5K	5%	1/6W
R369	1-247-833-00	CARBON	1.2K	5%	1/6W
R370	1-247-871-00	CARBON	47K	5%	1/6W
R371	1-247-851-00	CARBON	6.8K	5%	1/6W
R372	1-247-821-00	CARBON	390	5%	1/6W
R373	1-247-835-00	CARBON	1.5K	5%	1/6W
R374	1-247-833-00	CARBON	1.2K	5%	1/6W
R375	1-247-871-00	CARBON	47K	5%	1/6W
R376	1-247-851-00	CARBON	6.8K	5%	1/6W
R377	1-247-821-00	CARBON	390	5%	1/6W
R378	1-247-847-00	CARBON	4.7K	5%	1/6W
R379	1-247-879-00	CARBON	100K	5%	1/6W

ELECTRICAL PARTS

Ref.No.	Part No.	Description				
R401	1-247-831-00	CARBON	1K	5%	1/6W	
R402	1-247-831-00	CARBON	1K	5%	1/6W	
R403	1-247-873-00	CARBON	56K	5%	1/6W	
R404	1-247-825-00	CARBON	560	5%	1/6W	
R405	1-247-873-00	CARBON	56K	5%	1/6W	
R406 ⚠	1-247-107-00	CARBON	100	5%	1/4W	F
R407	1-247-248-00	CARBON	2.2K	5%	1/2W	
R408	1-247-248-00	CARBON	2.2K	5%	1/2W	
R409 ⚠	1-247-107-00	CARBON	100	5%	1/4W	F
R410	1-247-240-00	CARBON	1K	5%	1/2W	
R411	1-247-240-00	CARBON	1K	5%	1/2W	
R412	1-247-873-00	CARBON	56K	5%	1/6W	
R413	1-217-151-00	RES, METAL PLATE 0.22				
R414	1-247-831-00	CARBON	1K	5%	1/6W	
R415	1-247-859-00	CARBON	15K	5%	1/6W	
R416	1-247-867-00	CARBON	33K	5%	1/6W	
R417	1-247-867-00	CARBON	33K	5%	1/6W	
R418	1-247-873-00	CARBON	56K	5%	1/6W	
R419	1-247-192-00	CARBON	10	5%	1/2W	
R420	1-247-192-00	CARBON	10	5%	1/2W	
R421 ⚠	1-247-228-00	CARBON	330	5%	1/2W	F
R422 ⚠	1-247-228-00	CARBON	330	5%	1/2W	F
R423	1-247-867-00	CARBON	33K	5%	1/6W	
R424	1-247-891-00	CARBON	330K	5%	1/6W	
R425	1-247-897-00	CARBON	560K	5%	1/6W	
R426	1-247-893-00	CARBON	390K	5%	1/6W	
R427	1-247-783-00	CARBON	10	5%	1/6W	
R428	1-247-893-00	CARBON	390K	5%	1/6W	
R429	1-247-192-00	(G-AEP)...CARBON	10	5%	1/2W	
R430	1-247-879-00	CARBON	100K	5%	1/6W	
R431	1-247-855-00	CARBON	10K	5%	1/6W	
R432	1-247-855-00	CARBON	10K	5%	1/6W	
R433	1-247-855-00	CARBON	10K	5%	1/6W	
R434	1-247-855-00	CARBON	10K	5%	1/6W	
R435	1-247-879-00	CARBON	100K	5%	1/6W	
R436	1-247-839-00	CARBON	2.2K	5%	1/6W	
R437	1-247-807-00	CARBON	100	5%	1/6W	
R438	1-247-863-00	CARBON	22K	5%	1/6W	
R451	1-247-831-00	CARBON	1K	5%	1/6W	
R452	1-247-831-00	CARBON	1K	5%	1/6W	
R453	1-247-873-00	CARBON	56K	5%	1/6W	
R454	1-247-825-00	CARBON	560	5%	1/6W	
R455	1-247-873-00	CARBON	56K	5%	1/6W	
R457	1-247-248-00	CARBON	2.2K	5%	1/2W	
R458	1-247-248-00	CARBON	2.2K	5%	1/2W	
R462	1-247-873-00	CARBON	56K	5%	1/6W	
R463	1-217-151-00	RES, METAL PLATE 0.22				
R464	1-247-831-00	CARBON	1K	5%	1/6W	
R465	1-247-859-00	CARBON	15K	5%	1/6W	
R466	1-247-867-00	CARBON	33K	5%	1/6W	
R469	1-247-192-00	CARBON	10	5%	1/2W	
R470	1-247-192-00	CARBON	10	5%	1/2W	
R471 ⚠	1-247-228-00	CARBON	330	5%	1/2W	F
R479	1-247-192-00	(G-AEP)....CARBON	10	5%	1/2W	
R501 ⚠	1-247-071-00	(US,Canadian)...CARBON	1	5%	1/4W	F
R502	1-247-145-00	CARBON	3.9K	5%	1/4W	
R503 ⚠	1-247-079-00	CARBON	4.7	5%	1/4W	F

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ELECTRICAL PARTS

Ref.No.	Part No.	Description
R504 ⚠	1-247-079-00	CARBON 4.7 5% 1/4W F
R505	1-247-131-00	CARBON 1K 5% 1/4W
R506	1-247-131-00	CARBON 1K 5% 1/4W
R507	1-247-127-00	CARBON 680 5% 1/4W
R508 ⚠	1-217-473-00	(US,Canadian)...FUSIBLE 2.2 5% 1W F
R509 ⚠	1-217-473-00	(US,Canadian)...FUSIBLE 2.2 5% 1W F
R510 ⚠	1-217-426-00	FUSIBLE 2.2 5% 1/2W F
R511 ⚠	1-212-934-00	(US,AEP,UK)...FUSIBLE 1 5% 1/2W F
R512 ⚠	1-212-934-00	(US,AEP,UK)...FUSIBLE 1 5% 1/2W F
R513 ⚠	1-247-099-00	CARBON 47 5% 1/4W F
R514	1-247-783-00	CARBON 10 5% 1/6W
R601	1-247-879-00	CARBON 100K 5% 1/6W
R602	1-247-879-00	CARBON 100K 5% 1/6W
R603	1-247-831-00	CARBON 1K 5% 1/6W
R604	1-247-865-00	CARBON 27K 5% 1/6W
R605	1-247-855-00	CARBON 10K 5% 1/6W
R606	1-247-879-00	CARBON 100K 5% 1/6W
R607	1-247-839-00	CARBON 2.2K 5% 1/6W
R608	1-247-831-00	CARBON 1K 5% 1/6W
R701	1-247-865-00	CARBON 27K 5% 1/6W
R702	1-247-833-00	CARBON 1.2K 5% 1/6W
R703	1-247-855-00	CARBON 10K 5% 1/6W
R704	1-247-809-00	CARBON 120 5% 1/6W
R705	1-247-809-00	CARBON 120 5% 1/6W
R706	1-247-230-00	CARBON 390 5% 1/2W
R707	1-247-230-00	CARBON 390 5% 1/2W
R708	1-247-230-00	CARBON 390 5% 1/2W
R709	1-247-230-00	CARBON 390 5% 1/2W
R710	1-247-863-00	CARBON 22K 5% 1/6W
R711	1-247-863-00	CARBON 22K 5% 1/6W
R712	1-247-839-00	CARBON 2.2K 5% 1/6W
R713	1-247-855-00	CARBON 10K 5% 1/6W
R714	1-247-873-00	CARBON 56K 5% 1/6W
R715	1-247-879-00	CARBON 100K 5% 1/6W
R716	1-247-867-00	CARBON 33K 5% 1/6W
R718	1-247-131-00	CARBON 1K 5% 1/4W
R720	1-247-891-00	CARBON 330K 5% 1/6W
R762	1-247-839-00	CARBON 2.2K 5% 1/6W
R801	1-247-111-00	CARBON 150 5% 1/4W
R802	1-247-111-00	CARBON 150 5% 1/4W
R803	1-247-099-00	CARBON 47 5% 1/4W
R804	1-247-111-00	CARBON 150 5% 1/4W
R805	1-247-111-00	CARBON 150 5% 1/4W
R806	1-247-099-00	CARBON 47 5% 1/4W
R807	1-247-125-00	CARBON 560 5% 1/4W
R808	1-247-125-00	CARBON 560 5% 1/4W
R809	1-247-163-00	CARBON 22K 5% 1/4W
R811	1-247-167-00	CARBON 33K 5% 1/4W
R812	1-247-175-00	CARBON 68K 5% 1/4W
R813	1-247-129-00	CARBON 820 5% 1/4W
R814	1-247-143-00	CARBON 3.3K 5% 1/4W
R815	1-247-143-00	CARBON 3.3K 5% 1/4W
R816	1-247-149-00	CARBON 5.6K 5% 1/4W
R817	1-247-131-00	CARBON 1K 5% 1/4W

ELECTRICAL PARTS

Ref.No.	Part No.	Description
R818	1-247-863-00	CARBON 22K 5% 1/6W
R819	1-247-855-00	CARBON 10K 5% 1/6W
RV301	1-230-362-11	RES, VAR, SLIDE 250K/250K (100Hz)
RV302	1-230-362-11	RES, VAR, SLIDE 250K/250K (400Hz)
RV303	1-230-362-11	RES, VAR, SLIDE 250K/250K (1kHz)
RV304	1-230-362-11	RES, VAR, SLIDE 250K/250K (4kHz)
RV305	1-230-362-11	RES, VAR, SLIDE 250K/250K (12kHz)
RV401	1-230-731-11	RES, VAR, SLIDE 250K (BALANCE)
RV601	1-230-376-11	RES, VAR, SLIDE 100K/100K (MIXING)
RV701	1-228-990-00	RES, ADJ, CARBON 1K
RY401	1-515-503-00	RELAY
S101	1-554-303-00	SWITCH, KEY BOARD (MUTING -20dB)
S102	1-554-303-00	SWITCH, KEY BOARD (VIDEO 2)
S103	1-554-303-00	SWITCH, KEY BOARD (VIDEO 1)
S104	1-554-303-00	SWITCH, KEY BOARD (VIDEO SOUND)
S105	1-554-303-00	SWITCH, KEY BOARD (CD)
S106	1-554-419-00	SWITCH, PUSH (1 KEY)(GRAPHIC EQ)
S107	1-554-303-00	(E)....SWITCH, KEY BOARD (PHONO)
S701	1-554-303-00	SWITCH, KEY BOARD (VOLUME +)
S702	1-554-303-00	SWITCH, KEY BOARD (VOLUME -)
S901 ⚠	1-553-318-00	(US,Canadian,E)...SWITCH, PUSH (AC POWER)(1 KEY)
S901 ⚠	1-554-685-11	(AEP,UK)...SWITCH, PUSH (AC POWER)
T1 ⚠	1-448-082-11	(US).....TRANSFORMER, POWER
T1 ⚠	1-448-083-11	(AEP,UK).....TRANSFORMER, POWER
T1 ⚠	1-448-084-11	(E).....TRANSFORMER, POWER
T1 ⚠	1-448-109-11	(Canadian)...TRANSFORMER, POWER
TM401	1-536-705-21	TERMINAL BOARD (SP)(SPEAKER)
VS1 ⚠	1-526-576-51	(E).....SELECTOR, POWER VOLTAGE

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Sony Corporation

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