

TC-W606/W606M

SERVICE MANUAL

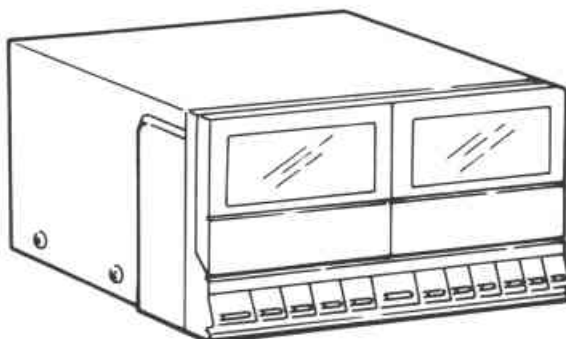
UK Model

E Model

TC-W606

AEP Model

TC-W606M



- TC-W606 is the STEREO DOUBLE CASSETTE DECK in FH-606/606R.
- TC-W606M is the STEREO DOUBLE CASSETTE DECK in MHC-1000.

SPECIFICATIONS

Recording system	4-track 2-channel stereo
Frequency response	DOLBY NR OFF (DIN) With TYPE II cassette (Sony UX-S) 60 to 14,000 Hz (± 3 dB) With TYPE I cassette (Sony HF-X) 60 to 13,000 Hz (± 3 dB)
Wow and flutter	0.1% WRMS (NAB) $\pm 0.3\%$ (DIN)
General Dimensions	Approx. 225 $\times$ 120 $\times$ 260 mm (l/h/p) (9 $\times$ 4 $\frac{3}{4}$ $\times$ 10 $\frac{3}{4}$ inches) incl. projecting parts and controls
Weight	Approx. 3.0kg (6lb 11 oz)

Model Name Using Similar Mechanism	DECK A: DXA-205W
	DECK B: DXA-205W
Tape Transport Mechanism Type	DECK A: YM47CW-26
	DECK B: YM47CW-27

MODEL IDENTIFICATION

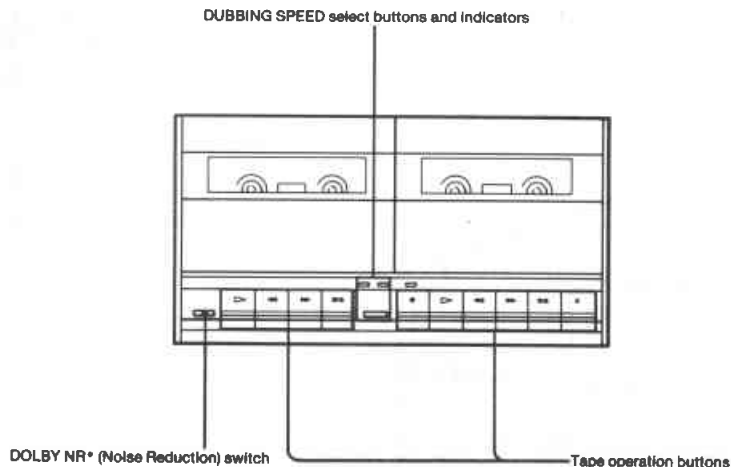
SONY MODEL No. TC-W606

STEREO CASSETTE DECK
COMPACT COMPACT HI-DENSITY
COMPONENT SYSTEM



STEREO DOUBLE
CASSETTE DECK
SONY®

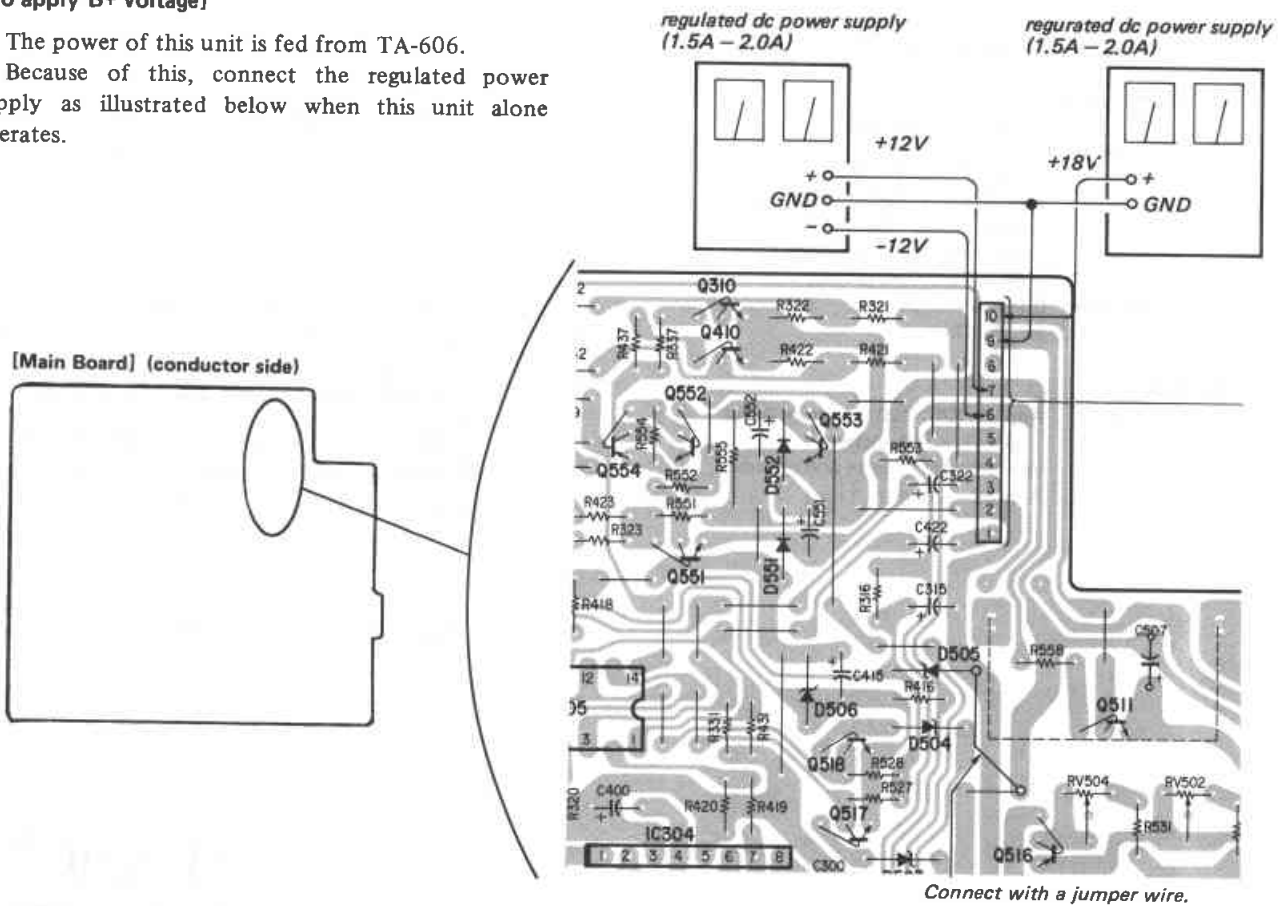
LOCATION AND FUNCTION OF PARTS AND CONTROLS



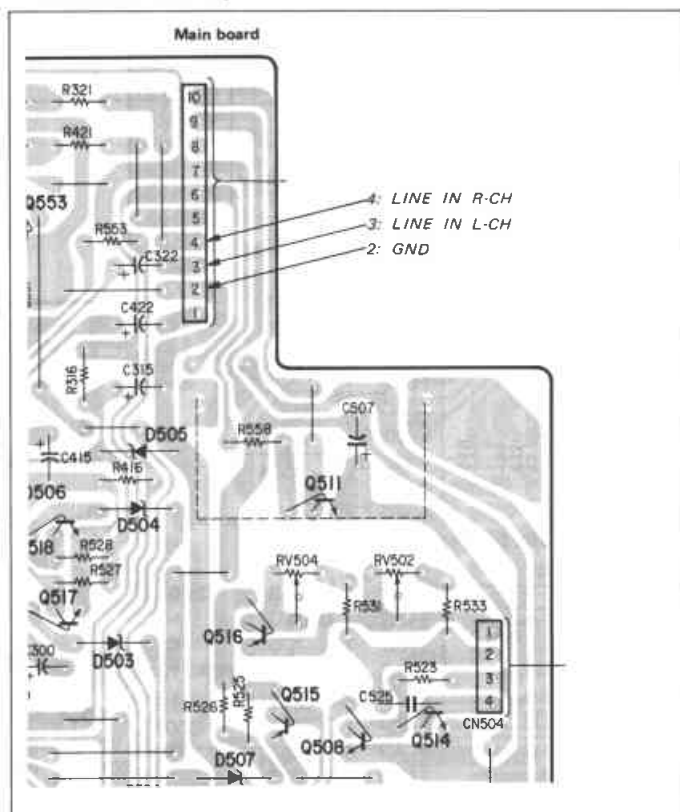
REPAIRING PRECAUTION

[To apply B+ voltage]

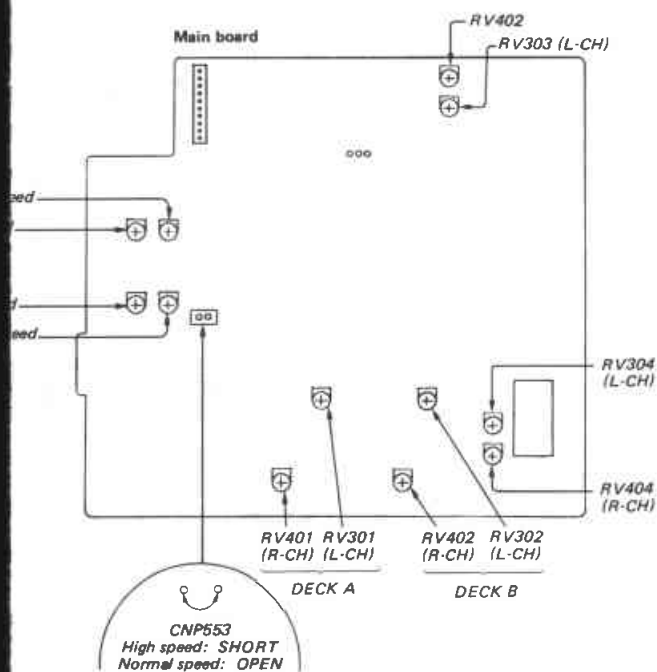
The power of this unit is fed from TA-606.
Because of this, connect the regulated power supply as illustrated below when this unit alone operates.



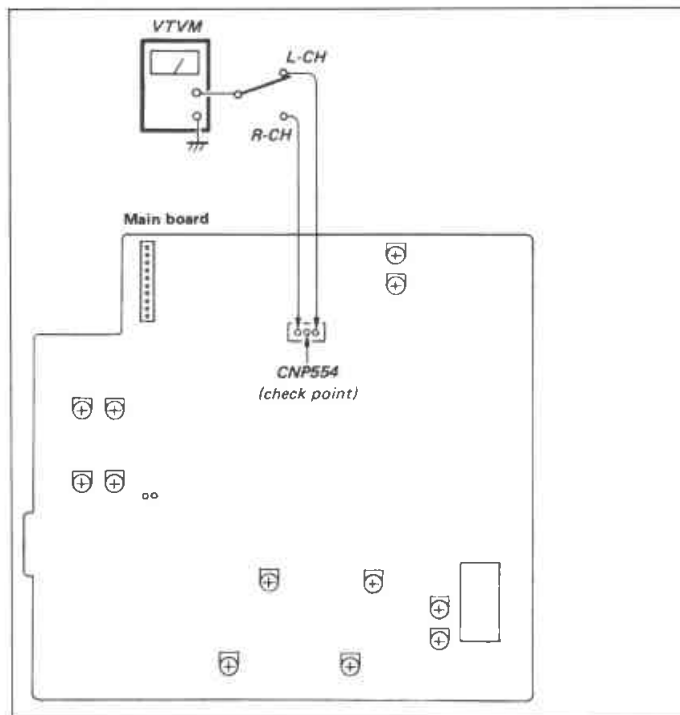
- Locations of LINE IN.



Adjustment Location: Main board



- Output level checkpoint

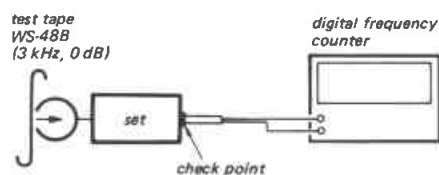


Tape Speed Adjustment **DECK A** **DECK B**

Procedure:

Mode: playback

Perform high speed adjustment before normal speed adjustment.



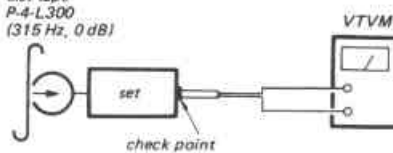
Specifications:

	Adjustment part		Test pin (CNP553)	Digital frequency counter
Normal speed	Deck A	RV503	OPEN	2,970 to 2,990 Hz
	Deck B	RV504		
High speed	Deck A	RV501	SHORT	5,950 to 6,010 Hz
	Deck B	RV502		

Playback Level Adjustment **DECK A** **DECK B**

Procedure

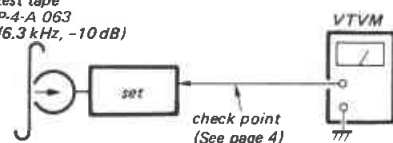
test tape
P-4-L300
(315 Hz, 0 dB)



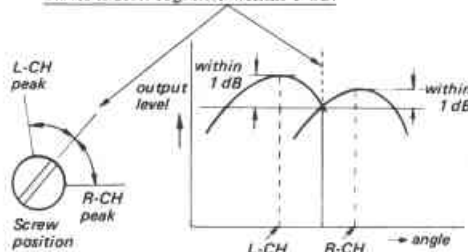
Adjust $\left\{ \begin{array}{l} \text{DECK A: RV301 (L-CH), RV401 (R-CH)} \\ \text{DECK B: RV302 (L-CH), RV402 (R-CH)} \end{array} \right\}$ so
that the specifications are satisfied.

Record/playback Head Azimuth Adjustment DECK A**Procedure:**DECK B

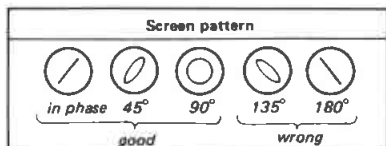
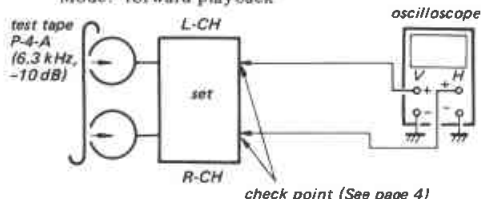
1. Mode: playback
test tape
P-4-A 063
(6.3 kHz, -10 dB)



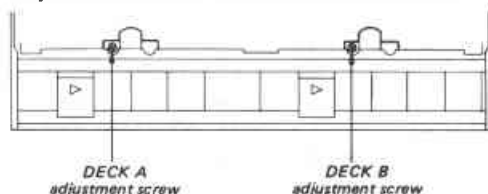
2. Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw until both of output levels match together within 1 dB.

**Phase Check:**

Mode: forward playback



3. Set in the reverse mode and repeat the steps 1-2.
4. After the adjustment, lock the screws with locking compound.

Adjustment Location: Remove the Cassette holder.**Specification**Check point (see page 3) level: 0.37 to 0.43 V
(-6.2 dB to -5.2 dB)

Level difference between channels:

less than 0.5 dB check that the check point level does not change in playback mode while changing the mode from playback to stop several times.

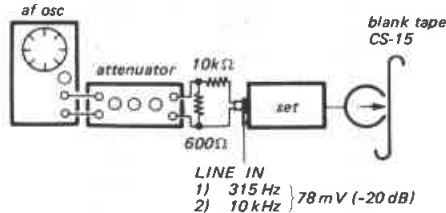
Record Bias Adjustment DECK B**Setting:**

- ATTENUATOR: standard record
(See page 4)

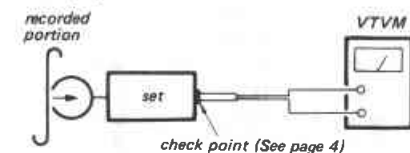
Procedure:

See page 4 for location of LINE IN.

1. Mode: record



2. Mode: playback



Confirm that the 10 kHz playback output is -0.5 dB to 0.5 dB relative to the 315 Hz output. If necessary, adjust RV304 (L-CH), RV404 (R-CH) and repeat the steps given above.

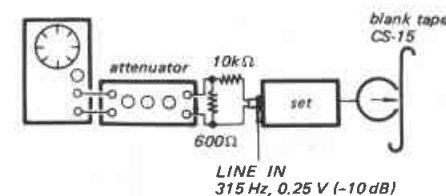
Record Level Adjustment DECK B**Setting:**

- ATTENUATOR: standard record
(See page 4)

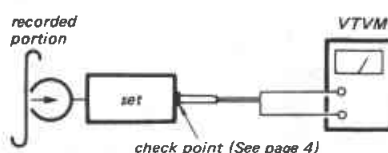
Procedure:

See page 4 for location of LINE IN.

1. Mode: record



2. Mode: playback



3. Playback the signal recorded in step 1. Confirm that the signal level is within the specification below. If necessary, adjust RV303 (L-CH), RV403 (R-CH) and repeat the steps 1 - 3.

Specification:

Check point (see page 4) level: 0.37 V to 0.43 V (-6.2 dB to -5.2 dB)

SECTION 1
ADJUSTMENTS

1-1. MECHANICAL ADJUSTMENTS

PRECAUTION

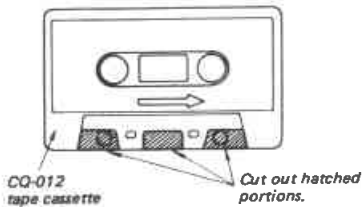
1. Clean the following parts with a denatured-alcohol-moistened swab:
record/playback/erase head rubber belts
capstan
pinch roller
idlers
2. Demagnetize the head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Measurement

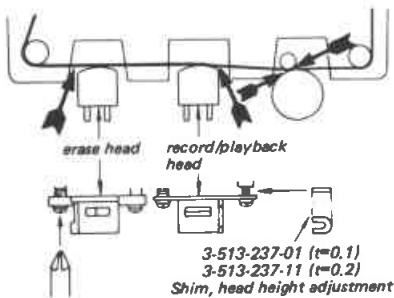
Torque	Torque meter	Meter reading
FWD	CQ-102C	30 – 70 g•cm (0.42 – 0.98 oz•inch)
FWD Back tension	CQ-102C	1.5 – 5.5 g•cm (0.02 – 0.08 oz•inch)
FF, REW	CQ-201B	more than 63 g•cm (more than 0.88 oz•inch)

Head Height Adjustment

1. Prepare an adjustment cassette as shown below.



2. In playback mode and viewing from the front, adjust the head heights to eliminate tape curl and tape twist at portions of arrow.

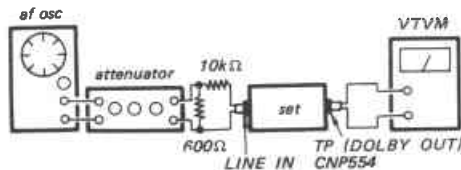


1-2. ELECTRICAL ADJUSTMENTS

Note: The adjustment should be performed in the order given in this service manual
The adjustments should be performed for both L-CH and R-CH.

- Switches and controls should be set as follows unless otherwise specified.
DOLBY NR switch: OFF
ISS switch: 1
- Standard Record:
Deliver the standard input signal level to the input jack and control the attenuator to obtain the standard output signal level.

— Record Mode —



Standard Input Level

	LINE IN
source impedance	10kΩ
input level	0.25V (−10dB)

Standard Output Level

	TP (DOLBY OUT) CNP554
load impedance	NONE
output level	0.4V (−5.7dB)

Test Tape

Type	Signal	Used for
WS-48B	3 kHz, 0 dB	Tape Speed Adjustment
P-4-A063	6.3 kHz, −10 dB	Azimuth Adjustment
P-4-L300	315 Hz, 0 dB	Level Adjustment

DECK B { RV504: Normal
RV502: High speed

DECK A { RV501: High speed
RV503: Normal

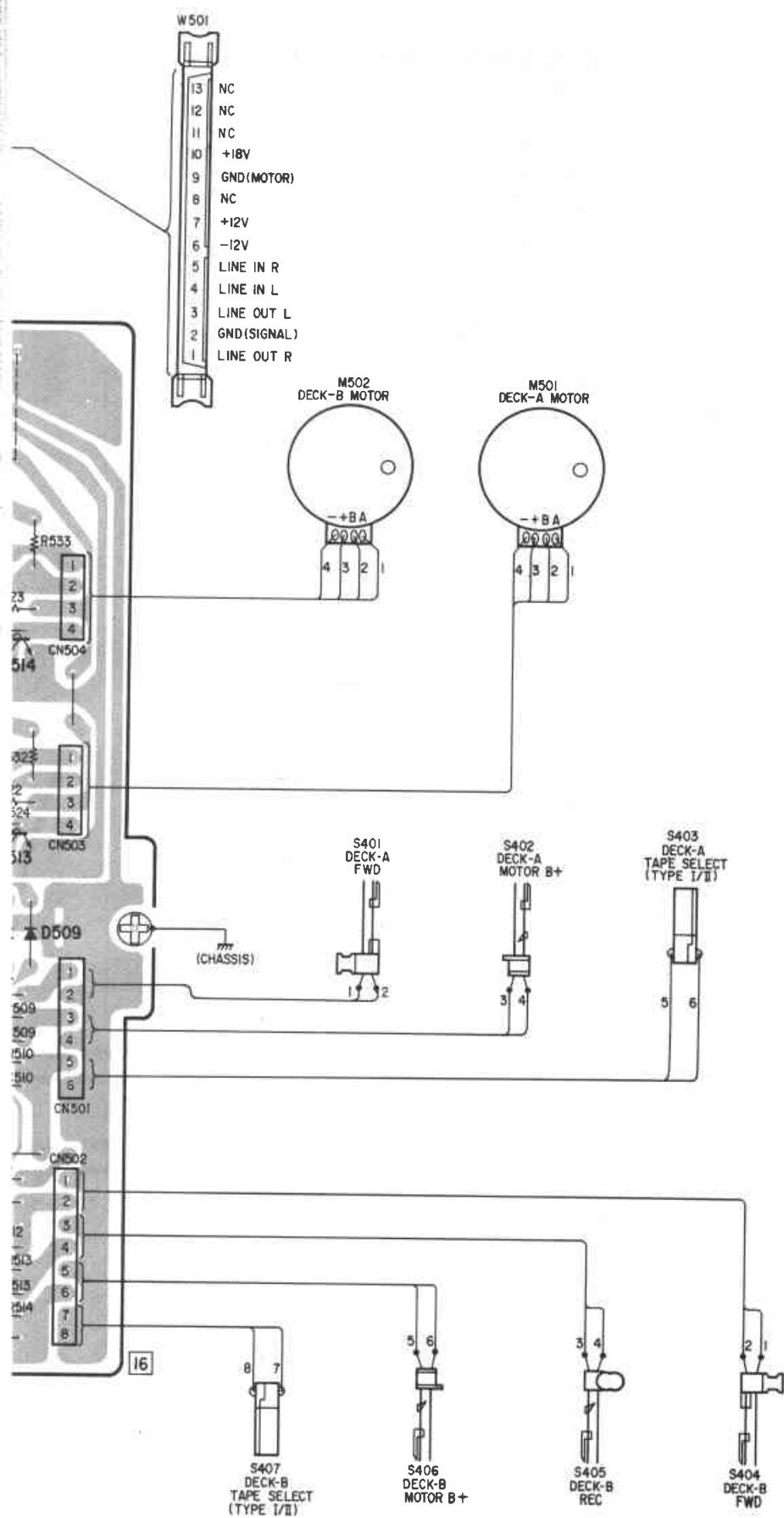
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SECTION 2 DIAGRAMS

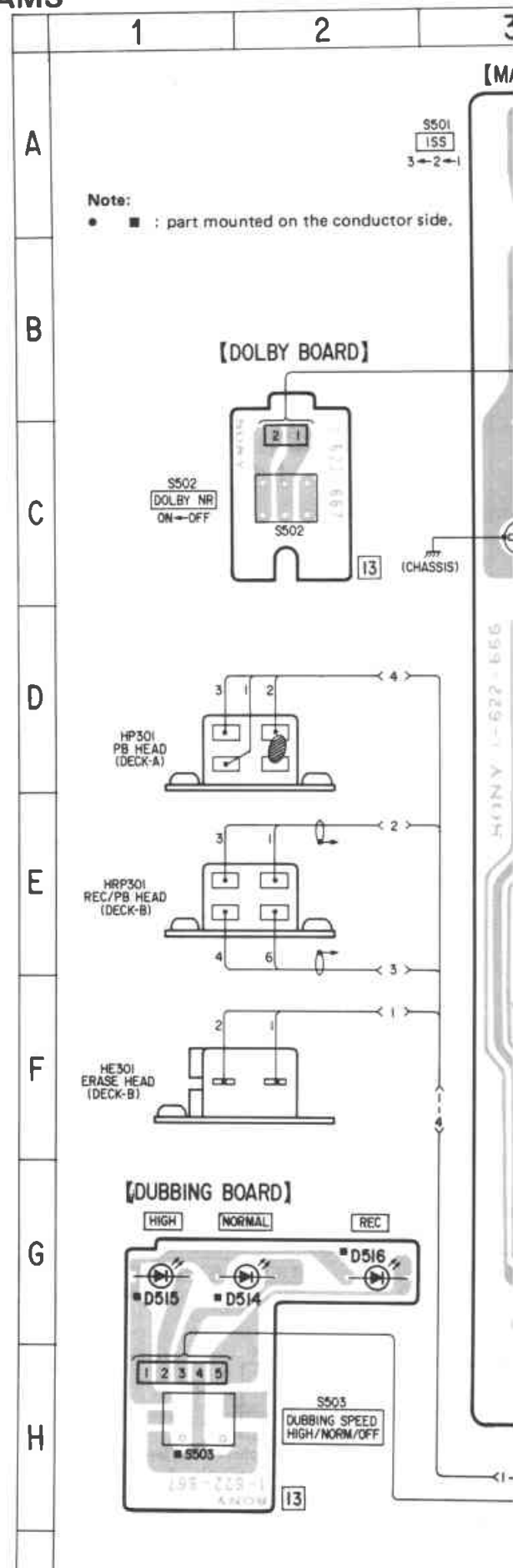
2-1. PRINTED WIRING BOARDS —Main Board—

● SEMICONDUCTOR LOCATIONS

Ref. No.	Location	Ref. No.	Location
D501	F-5	Q308	B-4
D502	A-4	Q310	A-7
D503	D-8	Q311	B-5
D504	C-8	Q401	H-8
D505	C-8	Q402	H-6
D506	C-8	Q403	H-8
D507	D-9	Q404	H-7
D508	E-9	Q305	A-4
D509	F-10	Q406	D-4
D510	F-10	Q407	C-4
D511	E-9	Q408	D-4
D512	E-9	Q410	A-7
D513	B-6	Q411	A-5
D514	G-1	Q501	E-3
D515	G-1	Q502	E-4
D516	G-2	Q503	E-5
D551	B-8	Q504	E-4
D552	B-8	Q505	E-5
		D506	F-9
IC301	F-8	Q507	E-9
IC302	F-6	Q508	D-9
IC303	B-6	Q509	E-9
IC304	D-7	Q510	A-6
IC305	C-7	Q511	C-9
IC401	C-5	Q513	E-10
IC501	F-9	Q514	D-10
		Q515	D-9
Q301	E-8	Q516	D-9
Q302	E-7	Q517	C-8
Q303	E-8	Q518	C-8
Q304	E-7	Q551	B-7
Q305	B-5	Q552	A-7
Q306	B-4	Q553	A-8
Q307	C-4	Q554	B-7

- SEMICONDUCTOR LEAD LAYOUTS

CXA1101P  (Top view)	2SA1175 	2SD1585-K 
M4066BP  (Top view)	2SC634SP 2SC3400 	HZ3CLL HZ6B2L HZ6C2L 
M5218L 	2SC2001 	PR2222S-B1 
μPC4570HA 	2SD774 	US1060M 
μPD65005C-112  (Top view)		



4

5

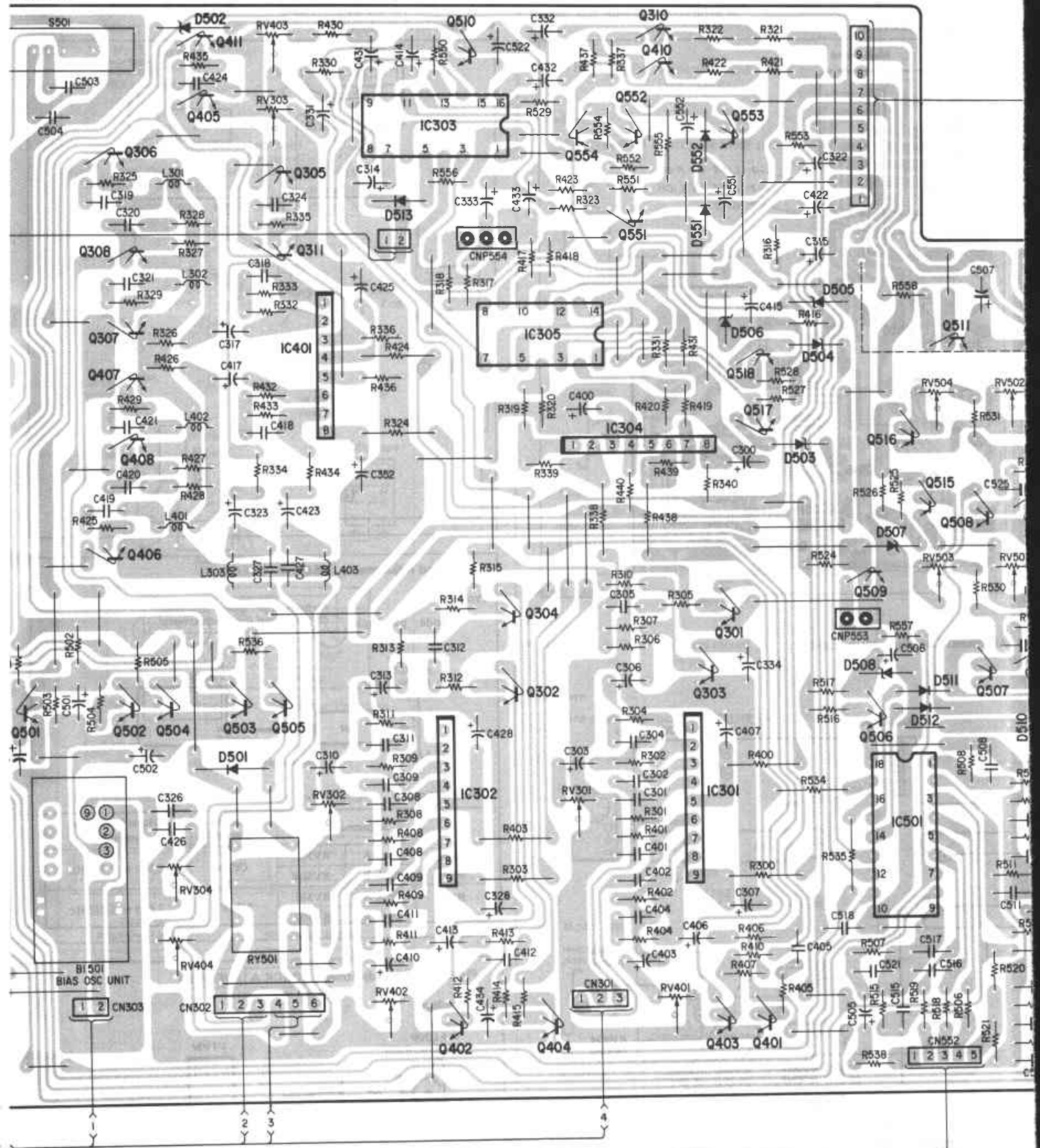
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BOARD]



SECTION 4
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- 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: μ F, PF: μ F.

RESISTORS

- All resistors are in ohms.
- F: nonflammable

COILS

- MMH: mH, UH: μ H

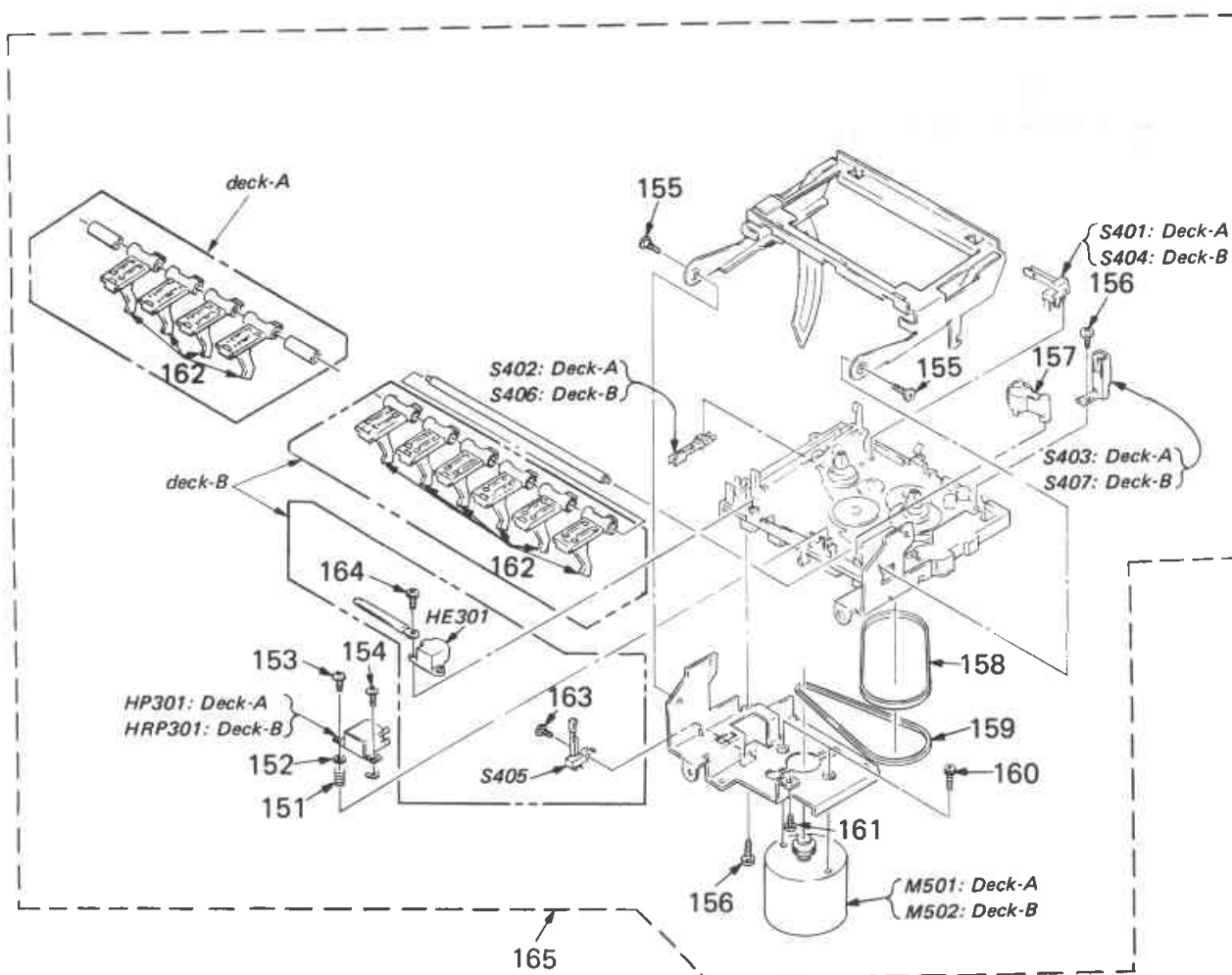
SEMICONDUCTORS

In each case, U: μ , for example:
UA...: μ A..., UPA...: μ PA...,
UPC...: μ PC, UPD...: μ PD...

ELECTRICAL PARTS						
Ref.No.	Part No.	Description				
901	*1-622-668-11	PC BOARD, DUBBING				
902	*1-622-667-11	PC BOARD, DOLBY				
903	*A-2095-623-A	MOUNTED PCB, MAIN				
BI501	1-464-797-11	OSCILLATION UNIT, BIAS				
C300	1-123-332-00	ELECT	47MF	20%	16V	
C301	1-162-290-31	CERAMIC	470PF	10%	50V	
C302	1-162-207-31	CERAMIC	22PF	5%	50V	
C303	1-124-443-00	ELECT	100MF	20%	10V	
C304	1-130-487-00	MYLAR	0.022MF	5%	50V	
C305	1-130-488-00	MYLAR	0.027MF	5%	50V	
C306	1-124-925-11	ELECT	2.2MF	20%	50V	
C307	1-123-332-00	ELECT	47MF	20%	16V	
C308	1-162-293-31	CERAMIC	820PF	10%	50V	
C309	1-162-207-31	CERAMIC	22PF	5%	50V	
C310	1-124-443-00	ELECT	100MF	20%	10V	
C311	1-130-487-00	MYLAR	0.022MF	5%	50V	
C312	1-130-488-00	MYLAR	0.027MF	5%	50V	
C313	1-124-925-11	ELECT	2.2MF	20%	50V	
C314	1-131-346-00	TANTALUM	0.68MF	10%	35V	
C315	1-123-875-11	ELECT	10MF	20%	50V	
C317	1-124-443-00	ELECT	100MF	20%	10V	
C318	1-130-492-11	MYLAR	0.056MF	5%	50V	
C319	1-130-483-00	MYLAR	0.01MF	5%	50V	
C320	1-130-483-00	MYLAR	0.01MF	5%	50V	
C321	1-130-479-00	MYLAR	0.0047MF	5%	50V	
C322	1-124-925-11	ELECT	2.2MF	20%	50V	
C323	1-124-905-11	ELECT	3.3MF	20%	50V	
C324	1-130-483-00	MYLAR	0.01MF	5%	50V	
C325	1-123-332-00	ELECT	47MF	20%	16V	
C326	1-162-286-31	CERAMIC	220PF	10%	50V	
C327	1-162-282-31	CERAMIC	100PF	10%	50V	
C328	1-123-332-00	ELECT	47MF	20%	16V	
C331	1-124-791-11	ELECT	1MF	20%	50V	
C332	1-124-791-11	ELECT	1MF	20%	50V	
C333	1-124-925-11	ELECT	2.2MF	20%	50V	
C334	1-123-875-11	ELECT	10MF	20%	50V	
C400	1-123-332-00	ELECT	47MF	20%	16V	
C401	1-162-290-31	CERAMIC	470PF	10%	50V	
C402	1-162-207-31	CERAMIC	22PF	5%	50V	
C403	1-124-443-00	ELECT	100MF	20%	10V	
C404	1-130-487-00	MYLAR	0.022MF	5%	50V	
C405	1-130-488-00	MYLAR	0.027MF	5%	50V	
C406	1-124-925-11	ELECT	2.2MF	20%	50V	
C407	1-123-332-00	ELECT	47MF	20%	16V	
C408	1-162-293-31	CERAMIC	820PF	10%	50V	
C409	1-162-207-31	CERAMIC	22PF	5%	50V	

ELECTRICAL PARTS						
Ref.No.	Part No.	Description				
C410	1-124-443-00	ELECT	100MF	20%	10V	
C411	1-130-487-00	MYLAR	0.022MF	5%	50V	
C412	1-130-488-00	MYLAR	0.027MF	5%	50V	
C413	1-124-925-11	ELECT	2.2MF	20%	50V	
C414	1-131-346-00	TANTALUM	0.68MF	10%	35V	
C415	1-123-875-11	ELECT	10MF	20%	50V	
C417	1-124-443-00	ELECT	100MF	20%	10V	
C418	1-130-492-11	MYLAR	0.056MF	5%	50V	
C419	1-130-483-00	MYLAR	0.01MF	5%	50V	
C420	1-130-483-00	MYLAR	0.01MF	5%	50V	
C421	1-130-479-00	MYLAR	0.0047MF	5%	50V	
C422	1-124-925-11	ELECT	2.2MF	20%	50V	
C423	1-124-905-11	ELECT	3.3MF	20%	50V	
C424	1-130-483-00	MYLAR	0.01MF	5%	50V	
C425	1-123-332-00	ELECT	47MF	20%	16V	
C426	1-162-286-31	CERAMIC	220PF	10%	50V	
C427	1-162-282-31	CERAMIC	100PF	10%	50V	
C428	1-123-332-00	ELECT	47MF	20%	16V	
C431	1-124-791-11	ELECT	1MF	20%	50V	
C432	1-124-791-11	ELECT	1MF	20%	50V	
C433	1-124-925-11	ELECT	2.2MF	20%	50V	
C434	1-123-875-11	ELECT	10MF	20%	50V	
C501	1-124-791-11	ELECT	1MF	20%	50V	
C502	1-124-925-11	ELECT	2.2MF	20%	50V	
C503	1-106-351-00	MYLAR	0.0022MF	10%	100V	
C504	1-106-351-00	MYLAR	0.0022MF	10%	100V	
C505	1-124-927-11	ELECT	4.7MF	20%	50V	
C506	1-124-902-00	ELECT	0.47MF	20%	50V	
C507	1-123-332-00	ELECT	47MF	20%	16V	
C508	1-161-379-00	CERAMIC	0.01MF	30%	16V	
C509	1-161-379-00	CERAMIC	0.01MF	30%	16V	
C510	1-161-379-00	CERAMIC	0.01MF	30%	16V	
C511	1-161-379-00	CERAMIC	0.01MF	30%	16V	
C512	1-161-379-00	CERAMIC	0.01MF	30%	16V	
C513	1-161-379-00	CERAMIC	0.01MF	30%	16V	
C514	1-161-379-00	CERAMIC	0.01MF	30%	16V	
C515	1-162-379-00	CERAMIC	0.01MF	30%	16V	
C516	1-161-379-00	CERAMIC	0.01MF	30%	16V	
C517	1-161-379-00	CERAMIC	0.01MF	30%	16V	
C518	1-161-379-00	CERAMIC	0.01MF	30%	16V	
C521	1-162-282-31	CERAMIC	100PF	10%	50V	
C522	1-123-875-11	ELECT	10MF	20%	50V	
C523	1-123-875-11	ELECT	10MF	20%	50V	
C524	1-162-290-31	CERAMIC	470PF	10%	50V	
C525	1-162-290-31	CERAMIC	470PF	10%	50V	

(2)



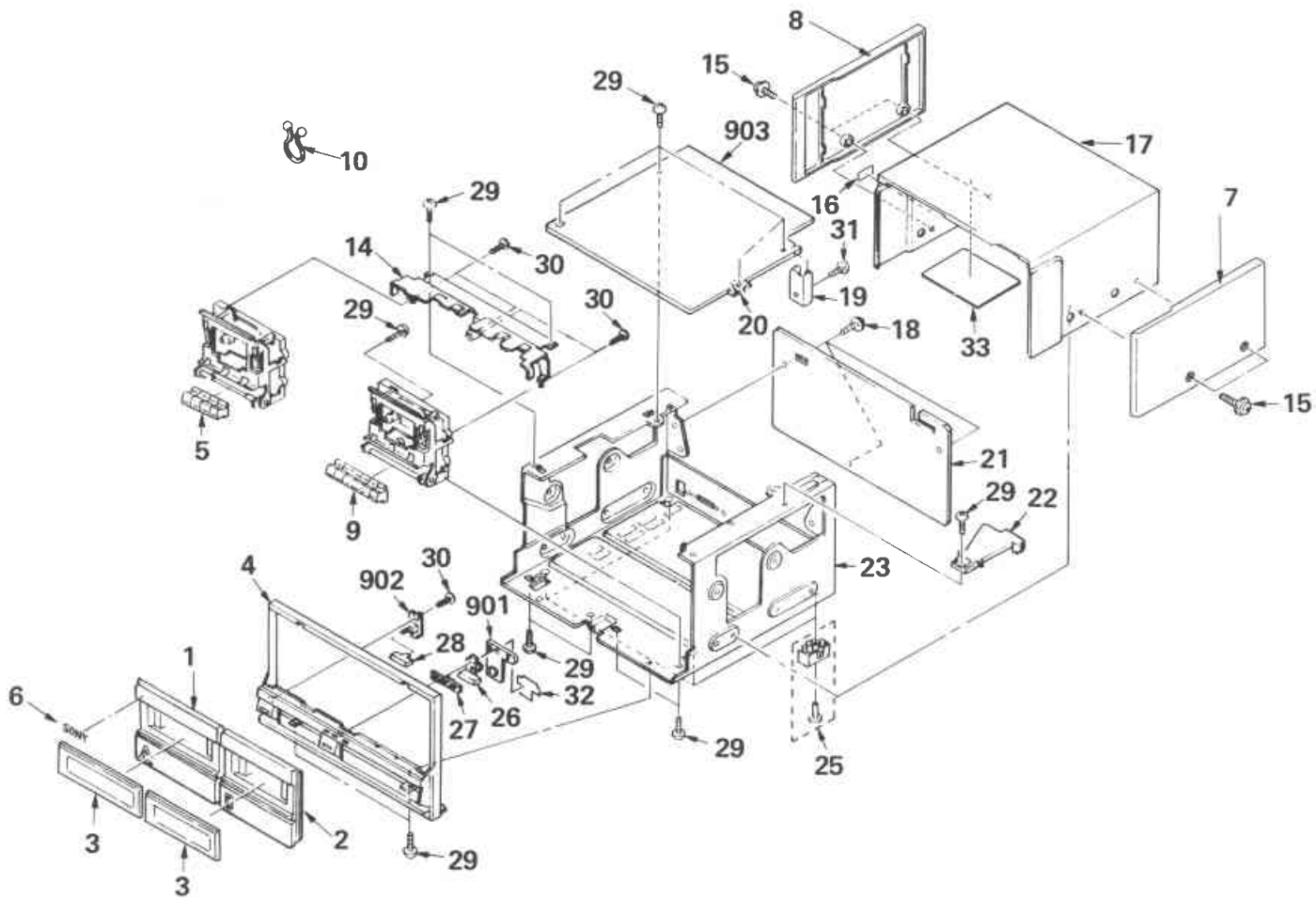
No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
151	4-894-955-01	C SPRING		165	A-2100-381-A	{DECK B}...MD ASSY (TCM-YM47CW-26)	
152	3-390-823-01	WASHER, F			A-2100-382-A	{DECK A}...MD ASSY (TCM-YM47CW-27)	
153	7-621-905-65	SCREW, TOTSU P 2X8		HE301	1-543-261-11	{DECK B}...HEAD, ERASE (886-01-24)	
154	7-621-255-15	SCREW +P 2X3		HP301	1-543-424-11	{DECK A}...HEAD, MAGNETIC (PB)	
155	3-392-121-01	SCREW, STEP		HRP301	1-543-424-11	{DECK B}...HEAD, MAGNETIC (REC/PB)	
156	7-685-133-19	SCREW +P 2.6X6 TYPE1		M501	X-3390-801-1	{DECK A}...MOTOR ASSY	
157	3-390-805-01	ROLLER ASSY, PINCH		M502	X-3390-801-1	{DECK B}...MOTOR ASSY	
158	3-390-807-01	BELT		S401	1-570-716-11	{DECK A}...SWITCH, LEAF (FWD)	
159	3-390-816-01	BELT, SQUARE		S402	1-570-715-11	{DECK A}...SWITCH, LEAF (MOTOR B+)	
160	7-628-253-90	SCREW +PS 2.6X4		S403	1-571-216-11	{DECK A}...SWITCH, LEAF (TAPE SELECT)	
161	7-682-147-01	SCREW +PTT 3X6 (S)		S404	1-570-716-11	{DECK B}...SWITCH, LEAF (FWD)	
162	4-894-971-01	BUTTON LEVER		S405	1-571-260-11	{DECK B}...SWITCH, LEAF (REC)	
163	3-392-102-01	SCREW, D PAN		S406	1-570-715-11	{DECK B}...SWITCH, LEAF (MOTOR B+)	
164	7-685-781-04	SCREW +PTT 2X4 (S)		S407	1-571-216-11	{DECK B}...SWITCH, LEAF (TAPE SELECT)	

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

- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.
- Color Indication of Appearance Parts
Example:
(RED) ... KNOB, BALANCE (WHITE)

↑
Cabinet's Color

↑
Parts' Color



<u>No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remarks</u>
1	3-340-153-21	(E)LID (A), CASSETTE	(GOLD)
	3-340-153-31	(AEP, UK) ..LID (A), CASSETTE	(GRY)
2	3-340-154-01	(E)LID (B), CASSETTE	(GOLD)
	3-340-154-11	(AEP, UK) ..LID (B), CASSETTE	(GRY)
3	3-340-152-01	WINDOW (CASSETTE)	
4	4-920-821-11	(E)PANEL, FRONT	(GOLD)
	4-920-821-21	(AEP, UK) ..PANEL, FRONT	(GRY)
5	3-340-155-01	(E)BUTTON (A)	(GOLD)
	3-340-155-11	(AEP, UK) ..BUTTON (B)	(GRY)
6	*4-920-869-01	EMBLEM, SONY	
7	3-346-340-01	(TC-W606M) ...PLATE (C-RIGHT) SIDE	
8	3-346-341-01	(TC-W606M) ...PLATE (C-LEFT) SIDE	
9	3-340-156-01	(E)BUTTON (B)	
	3-340-156-11	(AEP, UK) ..BUTTON (B)	
10	2-056-666-00	(AEP, UK) ..PURSE (8, DIA)	
	3-701-417-00	(E)PURSE (11, DIA)	
14	*4-920-819-01	JOINT	
15	3-704-366-01	(UK, E)SCREW CASE (M 3X8)	
	4-886-821-51	(AEP)SCREW CASE (M 3X14)	
16	*3-346-321-01	LABEL, MODEL NUMBER	

<u>No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remarks</u>
17	4-920-818-01	CASE	
18	2-383-566-00	SCREW	
19	*4-880-403-21	HEAT SINK	
20	4-870-539-00	PLATE, GROUND	
21	*4-920-820-01	PLATE, JACK	
22	*4-920-817-01	HOLDER, WIRE	
23	*4-920-822-01	CHASSIS	
25	X-4902-937-1	FOOT ASSY, RUBBER	
26	4-920-811-01	BUTTON, DUBBING	
27	4-919-698-01	INDICATOR	
28	4-920-810-01	BUTTON, DOLBY	
29	7-682-147-01	SCREW +BVT 3X6 (S)	
30	7-685-534-19	SCREW +BTP 2.6X8 TYPE2 N-S	
31	7-682-548-41	SCREW +BVT 3X8 (S)	
32	*4-920-836-01	SHEET, INSULATING	
33	*4-920-843-02	PLATE SHIELD	
901	*1-622-668-11	PC BOARD, DUBBING	
902	*1-622-667-11	PC BOARD, DOLBY	
903	*A-2095-623-A	MOUNTED PCB, MAIN	

A

B

C

D

E

F

G

H

I

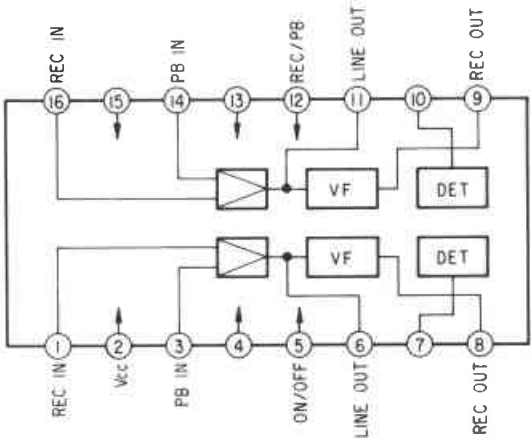
J

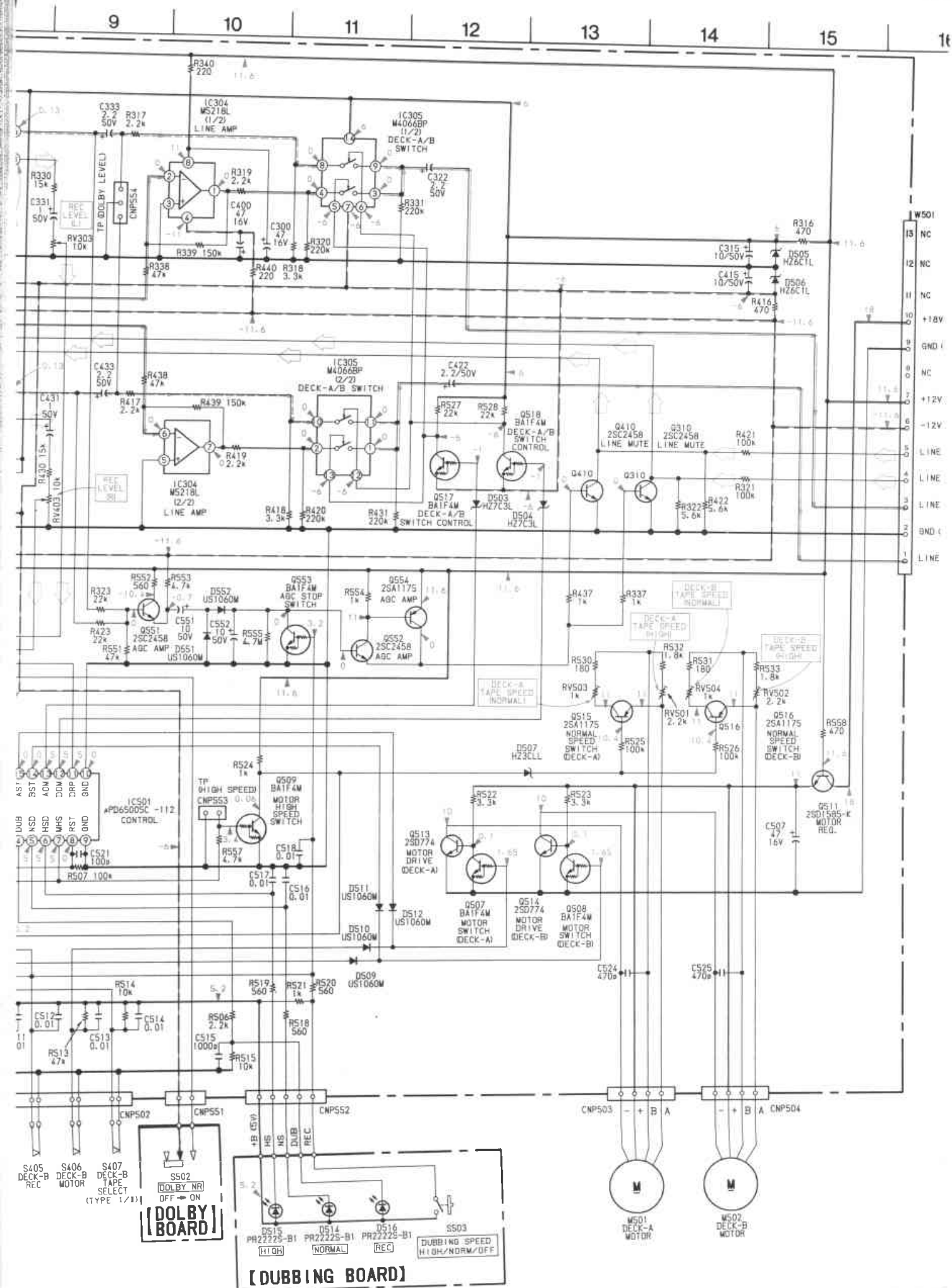
Note:

- All capacitors are in μF unless otherwise noted. pF: μF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise specified.
-  : PLAYBACK signal path (DECK-A)
-  : PLAYBACK signal path (DECK-B)
-  : RECORD signal path
-  : B+ bus.
-  : B- bus.
-  : adjustment for repair.
- AC voltage readings in the bias oscillator with a VTVM.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under no-signal conditions with a VOM (50 k Ω /V).
- no mark: STOP mode
- Voltage variations may be noted due to normal production tolerances.
- Switches:

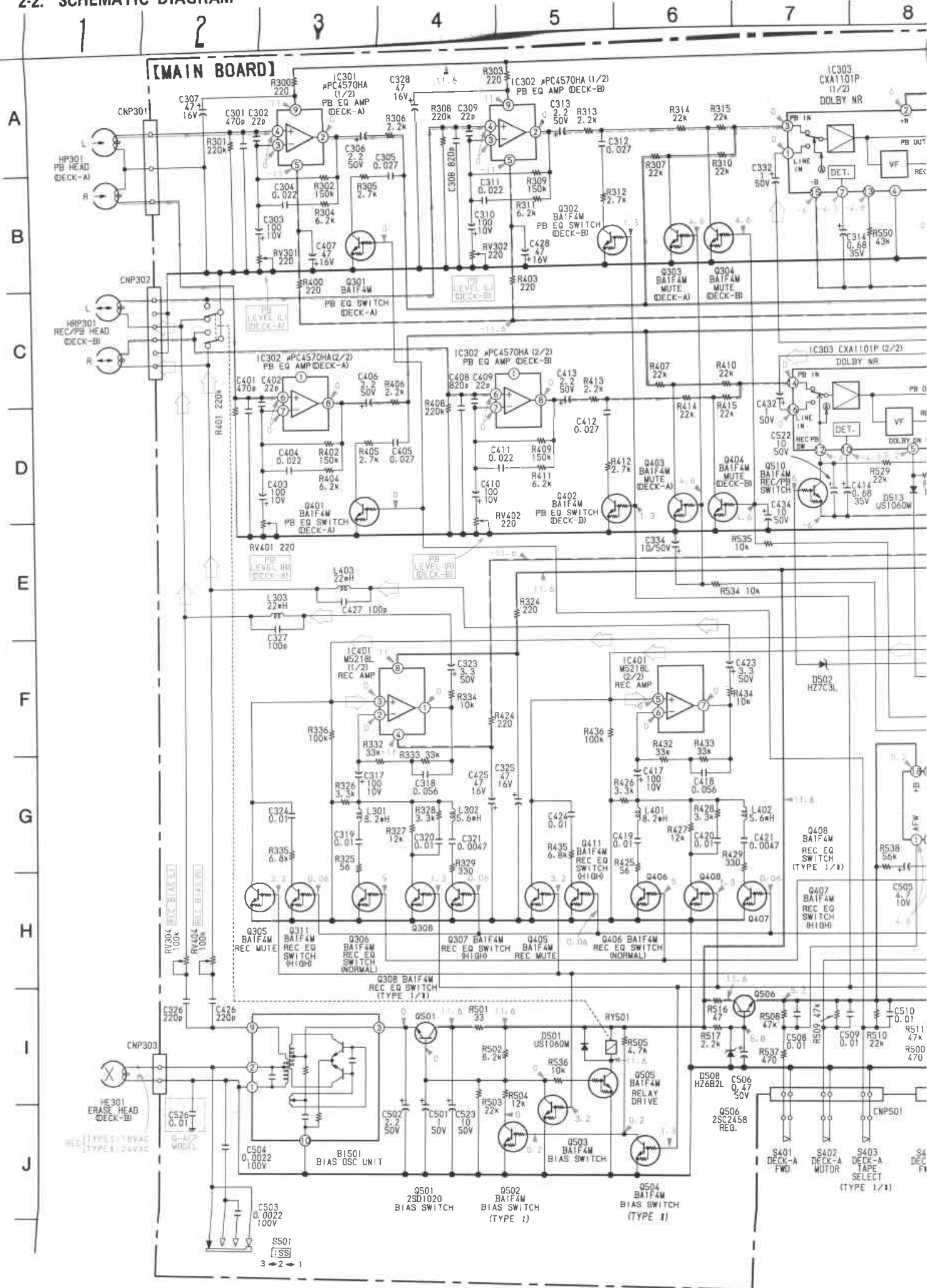
Ref. No.	Switch	Position
S501	ISS	1
S502	DOLBY NR	OFF
S503	DUBBING SPEED HIGH/NORM/OFF	OFF
S504	DECK-A FWD	OFF
S505	DECK-A MOTOR	OFF
S506	DECK-A TAPE SELECT I/II	OFF
S507	DECK-B FWD	OFF
S508	DECK-B MOTOR	OFF
S509	DECK-B TAPE SELECT I/II	OFF
S510	DECK-B REC	OFF

IC303 CXA1101P





2-2. SCHEMATIC DIAGRAM



ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C551	1-123-875-11	ELECT	10MF	20%	50V
C552	1-123-875-11	ELECT	10MF	20%	50V
CNP301*1-564-506-11		PLUG, CONNECTOR 3P			
CNP302*1-564-509-11		PLUG, CONNECTOR 6P			
CNP303*1-564-505-11		PLUG, CONNECTOR 2P			
CNP501*1-564-509-11		PLUG, CONNECTOR 6P			
CNP502*1-564-511-11		PLUG, CONNECTOR 8P			
CNP503*1-564-507-11		PLUG, CONNECTOR 4P			
CNP504*1-564-507-21		PLUG, CONNECTOR 4P			
CNP551*1-564-336-00		PIN, CONNECTOR 2P			
CNP552*1-564-339-00		PIN, CONNECTOR 5P			
CNP553*1-560-060-00		PIN, CONNECTOR 2P			
CNP554*1-560-061-00		PIN, CONNECTOR 3P			
D501	8-719-000-26	DIODE US1060M			
D502	8-719-910-75	DIODE HZ7B2L			
D503	8-719-910-75	DIODE HZ7B2L			
D504	8-719-910-75	DIODE HZ7B2L			
D505	8-719-910-68	DIODE HZ6C2L			
D506	8-719-910-68	DIODE HZ6C2L			
D507	8-719-942-33	DIODE HZ3CLL			
D508	8-719-910-65	DIODE HZ6B2L			
D509	8-719-000-26	DIODE US1060M			
D510	8-719-000-26	DIODE US1060M			
D511	8-719-000-26	DIODE US1060M			
D512	8-719-000-26	DIODE US1060M			
D513	8-719-000-26	DIODE US1060M			
D514	8-719-913-36	DIODE PR2222S-B1			
D515	8-719-913-36	DIODE PR2222S-B1			
D516	8-719-913-36	DIODE PR2222S-B1			
D551	8-719-000-26	DIODE US1060M			
D552	8-719-000-26	DIODE US1060M			
HE301	1-543-261-11	HEAD, ERASE (886-01-24)			
HP301	1-543-424-11	HEAD, MAGNETIC (PB)			
HRP301	1-543-424-11	HEAD, MAGNETIC (REC/PB)			
IC301	8-759-106-61	IC UPC4570HA			
IC302	8-759-106-61	IC UPC4570HA			
IC303	8-752-031-83	IC CXA1101P			
IC304	8-759-600-02	IC M5218L			
IC305	8-759-601-43	IC M4066BP			
IC401	8-759-600-02	IC M5218L			
IC501	8-759-112-88	IC UPD65005C-112			
L301	1-410-774-11	MICRO INDUCTOR 8.2MMH			
L302	1-410-772-11	MICRO INDUCTOR 5.6MMH			
L303	1-410-779-21	MICRO INDUCTOR 22MMH			

ELECTRICAL PARTS

Ref.No.	Part No.	Description	
L401	1-410-774-11	MICRO INDUCTOR 8.2MMH	
L402	1-410-772-11	MICRO INDUCTOR 5.6MMH	
L403	1-410-779-21	MICRO INDUCTOR 22MMH	
M501	X-3390-801-1	MOTOR ASSY	
M502	X-3390-801-1	MOTOR ASSY	
Q301	8-729-806-34	TRANSISTOR 2SC3400	
Q302	8-729-806-34	TRANSISTOR 2SC3400	
Q303	8-729-806-34	TRANSISTOR 2SC3400	
Q304	8-729-806-34	TRANSISTOR 2SC3400	
Q305	8-729-806-34	TRANSISTOR 2SC3400	
Q306	8-729-806-34	TRANSISTOR 2SC3400	
Q307	8-729-806-34	TRANSISTOR 2SC3400	
Q308	8-729-806-34	TRANSISTOR 2SC3400	
Q310	8-729-600-27	TRANSISTOR 2SC634SP	
Q311	8-729-806-34	TRANSISTOR 2SC3400	
Q401	8-729-806-34	TRANSISTOR 2SC3400	
Q402	8-729-806-34	TRANSISTOR 2SC3400	
Q403	8-729-806-34	TRANSISTOR 2SC3400	
Q404	8-729-806-34	TRANSISTOR 2SC3400	
Q405	8-729-806-34	TRANSISTOR 2SC3400	
Q406	8-729-806-34	TRANSISTOR 2SC3400	
Q407	8-729-806-34	TRANSISTOR 2SC3400	
Q408	8-729-806-34	TRANSISTOR 2SC3400	
Q410	8-729-600-27	TRANSISTOR 2SC634SP	
Q411	8-729-806-34	TRANSISTOR 2SC3400	
Q501	8-729-100-13	TRANSISTOR 2SC2001	
Q502	8-729-806-34	TRANSISTOR 2SC3400	
Q503	8-729-806-34	TRANSISTOR 2SC3400	
Q504	8-729-806-34	TRANSISTOR 2SC3400	
Q505	8-729-806-34	TRANSISTOR 2SC3400	
Q506	8-729-600-27	TRANSISTOR 2SC634SP	
Q507	8-729-806-34	TRANSISTOR 2SC3400	
Q508	8-729-806-34	TRANSISTOR 2SC3400	
Q509	8-729-806-34	TRANSISTOR 2SC3400	
Q510	8-729-806-34	TRANSISTOR 2SC3400	
Q511	8-729-107-26	TRANSISTOR 2SD1585-K	
Q513	8-729-117-43	TRANSISTOR 2SD774	
Q514	8-729-117-43	TRANSISTOR 2SD774	
Q515	8-729-117-54	TRANSISTOR 2SA1175	
Q516	8-729-117-54	TRANSISTOR 2SA1175	
Q517	8-729-806-34	TRANSISTOR 2SC3400	
Q518	8-729-806-34	TRANSISTOR 2SC3400	
Q551	8-729-600-27	TRANSISTOR 2SC634SP	
Q552	8-729-600-27	TRANSISTOR 2SC634SP	
Q553	8-729-806-34	TRANSISTOR 2SC3400	
Q554	8-729-117-54	TRANSISTOR 2SA1175	

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R300	1-249-409-11	CARBON	220	5%	1/6W
R301	1-247-887-00	CARBON	220K	5%	1/4W
R302	1-247-883-00	CARBON	150K	5%	1/4W
R303	1-249-409-11	CARBON	220	5%	1/6W
R304	1-215-440-00	CARBON	6.2K	5%	1/6W
R305	1-249-422-11	CARBON	2.7K	5%	1/6W
R306	1-249-421-11	CARBON	2.2K	5%	1/6W
R307	1-249-433-11	CARBON	22K	5%	1/6W
R308	1-247-887-00	CARBON	220K	5%	1/4W
R309	1-247-883-00	CARBON	150K	5%	1/4W
R310	1-249-433-11	CARBON	22K	5%	1/6W
R311	1-215-440-00	CARBON	6.2K	5%	1/6W
R312	1-249-422-11	CARBON	2.7K	5%	1/6W
R313	1-249-421-11	CARBON	2.2K	5%	1/6W
R314	1-249-433-11	CARBON	22K	5%	1/6W
R315	1-249-433-11	CARBON	22K	5%	1/6W
R316	1-249-413-11	CARBON	470	5%	1/6W
R317	1-249-421-11	CARBON	2.2K	5%	1/6W
R318	1-249-423-11	CARBON	3.3K	5%	1/6W
R319	1-249-421-11	CARBON	2.2K	5%	1/6W
R320	1-247-887-00	CARBON	220K	5%	1/4W
R321	1-249-441-11	CARBON	100K	5%	1/6W
R322	1-247-849-00	CARBON	5.6K	5%	1/6W
R323	1-249-433-11	CARBON	22K	5%	1/6W
R324	1-249-409-11	CARBON	220	5%	1/6W
R325	1-249-402-11	CARBON	56	5%	1/6W
R326	1-249-423-11	CARBON	3.3K	5%	1/6W
R327	1-249-430-11	CARBON	12K	5%	1/6W
R328	1-249-423-11	CARBON	3.3K	5%	1/6W
R329	1-249-411-11	CARBON	330	5%	1/6W
R330	1-249-431-11	CARBON	15K	5%	1/6W
R331	1-247-887-00	CARBON	220K	5%	1/4W
R332	1-249-435-11	CARBON	33K	5%	1/6W
R333	1-249-435-11	CARBON	33K	5%	1/6W
R334	1-249-429-11	CARBON	10K	5%	1/6W
R335	1-249-427-11	CARBON	6.8K	5%	1/6W
R336	1-249-441-11	CARBON	100K	5%	1/6W
R337	1-249-417-11	CARBON	1K	5%	1/6W
R338	1-249-437-11	CARBON	47K	5%	1/6W
R339	1-247-883-00	CARBON	150K	5%	1/6W
R340	1-249-409-11	CARBON	220	5%	1/6W
R400	1-249-409-11	CARBON	220	5%	1/6W
R401	1-247-887-00	CARBON	220K	5%	1/4W
R402	1-247-883-00	CARBON	150K	5%	1/4W
R403	1-249-409-11	CARBON	220	5%	1/6W

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R404	1-215-440-00	CARBON	6.2K	5%	1/6W
R405	1-249-422-11	CARBON	2.7K	5%	1/6W
R406	1-249-421-11	CARBON	2.2K	5%	1/6W
R407	1-249-433-11	CARBON	22K	5%	1/6W
R408	1-247-887-00	CARBON	220K	5%	1/4W
R409	1-247-883-00	CARBON	150K	5%	1/4W
R410	1-249-433-11	CARBON	22K	5%	1/6W
R411	1-215-440-00	CARBON	6.2K	5%	1/6W
R412	1-249-422-11	CARBON	2.7K	5%	1/6W
R413	1-249-421-11	CARBON	2.2K	5%	1/6W
R414	1-249-433-11	CARBON	22K	5%	1/6W
R415	1-249-433-11	CARBON	22K	5%	1/6W
R416	1-249-413-11	CARBON	470	5%	1/6W
R417	1-249-421-11	CARBON	2.2K	5%	1/6W
R418	1-249-423-11	CARBON	3.3K	5%	1/6W
R419	1-249-421-11	CARBON	2.2K	5%	1/6W
R420	1-247-887-00	CARBON	220K	5%	1/4W
R421	1-249-441-11	CARBON	100K	5%	1/6W
R422	1-247-849-00	CARBON	5.6K	5%	1/6W
R423	1-249-433-11	CARBON	22K	5%	1/6W
R424	1-249-409-11	CARBON	220	5%	1/6W
R425	1-249-402-11	CARBON	56	5%	1/6W
R426	1-249-423-11	CARBON	3.3K	5%	1/6W
R427	1-249-430-11	CARBON	12K	5%	1/6W
R428	1-249-423-11	CARBON	3.3K	5%	1/6W
R429	1-249-411-11	CARBON	330	5%	1/6W
R430	1-249-431-11	CARBON	15K	5%	1/6W
R431	1-247-887-00	CARBON	220K	5%	1/4W
R432	1-249-435-11	CARBON	33K	5%	1/6W
R433	1-249-435-11	CARBON	33K	5%	1/6W
R434	1-249-429-11	CARBON	10K	5%	1/6W
R435	1-249-427-11	CARBON	6.8K	5%	1/6W
R436	1-249-441-11	CARBON	100K	5%	1/6W
R437	1-249-417-11	CARBON	1K	5%	1/6W
R438	1-249-437-11	CARBON	47K	5%	1/6W
R439	1-247-883-00	CARBON	150K	5%	1/4W
R440	1-249-409-11	CARBON	220	5%	1/6W
R500	1-249-413-11	CARBON	470	5%	1/6W
R501	1-249-399-11	CARBON	33	5%	1/6W
R502	1-249-428-11	CARBON	8.2K	5%	1/6W
R503	1-249-433-11	CARBON	22K	5%	1/6W
R504	1-249-430-11	CARBON	12K	5%	1/6W
R505	1-249-425-11	CARBON	4.7K	5%	1/6W
R506	1-249-421-11	CARBON	2.2K	5%	1/6W
R507	1-249-441-11	CARBON	100K	5%	1/6W

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R508	1-249-437-11	CARBON	47K	5%	1/6W
R509	1-249-437-11	CARBON	47K	5%	1/6W
R510	1-249-433-11	CARBON	22K	5%	1/6W
R511	1-249-437-11	CARBON	47K	5%	1/6W
R513	1-249-437-11	CARBON	47K	5%	1/6W
R514	1-249-429-11	CARBON	10K	5%	1/6W
R515	1-249-429-11	CARBON	10K	5%	1/6W
R516	1-249-401-11	CARBON	47	5%	1/6W
R517	1-249-421-11	CARBON	2.2K	5%	1/6W
R518	1-249-414-11	CARBON	560	5%	1/6W
R519	1-249-414-11	CARBON	560	5%	1/6W
R520	1-249-414-11	CARBON	560	5%	1/6W
R521	1-249-417-11	CARBON	1K	5%	1/6W
R522	1-249-423-11	CARBON	3.3K	5%	1/6W
R523	1-249-423-11	CARBON	3.3K	5%	1/6W
R524	1-249-417-11	CARBON	1K	5%	1/6W
R525	1-249-441-11	CARBON	100K	5%	1/6W
R526	1-249-441-11	CARBON	100K	5%	1/6W
R527	1-249-433-11	CARBON	22K	5%	1/6W
R528	1-249-433-11	CARBON	22K	5%	1/6W
R529	1-249-433-11	CARBON	22K	5%	1/6W
R530	1-249-408-11	CARBON	180	5%	1/6W
R531	1-249-408-11	CARBON	180	5%	1/6W
R532	1-249-420-11	CARBON	1.8K	5%	1/6W
R533	1-249-420-11	CARBON	1.8K	5%	1/6W
R534	1-249-429-11	CARBON	10K	5%	1/6W
R535	1-249-429-11	CARBON	10K	5%	1/6W
R536	1-249-429-11	CARBON	10K	5%	1/6W
R537	1-249-413-11	CARBON	470	5%	1/6W
R538	1-249-438-11	CARBON	56K	5%	1/6W
R550	1-215-460-00	CARBON	43K	5%	1/6W
R551	1-249-437-11	CARBON	47K	5%	1/6W
R552	1-249-414-11	CARBON	560	5%	1/6W
R553	1-249-425-11	CARBON	4.7K	5%	1/6W
R554	1-249-417-11	CARBON	1K	5%	1/6W
R555	1-202-471-00	SOLID	4.7M	5%	1/4W
R556	1-249-441-11	CARBON	100K	5%	1/6W
R557	1-249-425-11	CARBON	4.7K	5%	1/6W
R558	1-249-413-11	CARBON	470	5%	1/6W

ELECTRICAL PARTS

Ref.No.	Part No.	Description
RV301	1-230-504-11	RES, ADJ, CARBON 220
RV302	1-230-504-11	RES, ADJ, CARBON 220
RV303	1-230-630-11	RES, ADJ, CARBON 10K
RV304	1-228-997-00	RES, ADJ, CARBON 100K
RV401	1-230-504-11	RES, ADJ, CARBON 220
RV402	1-230-504-11	RES, ADJ, CARBON 220
RV403	1-230-630-11	RES, ADJ, CARBON 10K
RV404	1-228-997-00	RES, ADJ, CARBON 100K
RV501	1-228-991-00	RES, ADJ, CARBON 2.2K
RV502	1-228-991-00	RES, ADJ, CARBON 2.2K
RV503	1-228-990-00	RES, ADJ, CARBON 1K
RV504	1-228-990-00	RES, ADJ, CARBON 1K
RY501	1-515-529-11	RELAY
S401	1-570-716-11	SWITCH, LEAF (FWD)
S402	1-570-715-11	SWITCH, LEAF (MOTOR B+)
S403	1-570-216-11	SWITCH, LEAF (TAPE SELECT)
S404	1-571-716-11	SWITCH, LEAF (FWD)
S405	1-571-260-11	SWITCH, LEAF (REC)
S406	1-570-715-11	SWITCH, LEAF (MOTOR B+)
S407	1-571-216-11	SWITCH, LEAF (TAPE SELECT)
S501	1-516-870-00	SWITCH, SLIDE (ISS)
S502	1-554-419-21	SWITCH, PUSH (1 KEY)(DOLBY NR)
S503	1-554-371-00	SWITCH, TACT (DUBBING SPEED HIGH/NORM/OFF)
W501	1-559-820-11	CORD (WITH CONNECTOR) 13P

PACKING MATERIAL

Part No.	Description
3-881-644-00	PROTECTION BAG

9-953-112-11

Sony Corporation
Audio Group

—18—

English
88B0663-1
Printed in Japan
©1988.2

Published by A/V Engineering
Service Dept.