CDP-555ESD /705ESD

SERVICE MANUAL

762

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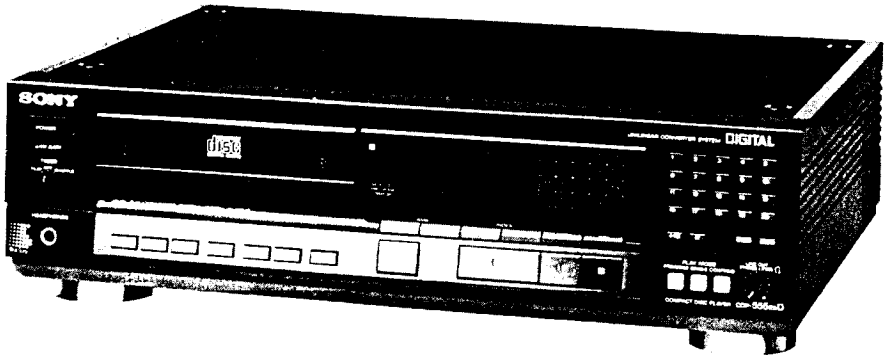

CDP-555ESD:
AEP Model
UK Model
CDP-705ESD:
US Model

COMPACT disc DIGITAL AUDIO

SPECIFICATIONS

COMPACT DISC PLAYER CDP-705ESD

System — Compact disc digital audio system
Disc — Compact disc
Laser — Semiconductor laser (λ = 780 nm)
Laser output — Max. 0.4 mW*
*This output is the value measured at a distance of about 1.6 mm from the objective lens surface on the Optical Pick-up Block.
Spindle speed — 200 rpm to 500 rpm (CLV)
Scan velocity — 1.2–1.4 m/sec.
Error correction — Sony Super Strategy Cross Interleave Reed Solomon Code
Number of channel — Two
D/A conversion — 16-bit linear
Frequency response — 2 – 20,000 Hz ±0.3 dB
Signal to noise ratio — More than 106 dB
Dynamic range — More than 97 dB
Harmonic distortion — Less than 0.0025% (1 kHz)
Channel separation — More than 100 dB (1 kHz)
Wow and flutter — Below measurable limit
Output jacks

	Max. output level	Load impedance	Output impedance
LINE OUT (FIXED) phono jacks	2 V (50 kΩ)	More than 10 kΩ	200 Ω
LINE OUT (VARIABLE) phono jacks	0 – 2 Vrms (50 kΩ)	More than 30 kΩ	200 – 2.5 kΩ
DIGITAL OUT phono jack	0.5 Vp-p (75 Ω)	75 Ω	75 Ω
HEADPHONES Phone jack	28 mW Variable, max	32 Ω	—

Disc

Track pitch — 1.6 μm
Sampling frequency — 44.1 kHz
Quantization — 16 bit linear quantizing/channel
Modulation system — EFM
Transfer rate — 2.03 Mbit/sec. (before modulation)

General

Power requirements — 120V AC, 60 Hz
Power consumption — 20 W
Power requirements
CDP-555ESD (AEP, UK model)
220 – 240 V AC, 50 Hz
CDP-705ESD (US model)
120 V AC, 60 Hz
Dimensions — Approx. 430 × 125 × 395 mm (w/h/d) (17 × 5 × 15⅝ inches)
Weight — Approx. 14.1 kg (31 lb 1 oz), net

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.

MICROFILM

COMPACT DISC PLAYER

SONY®

AUD

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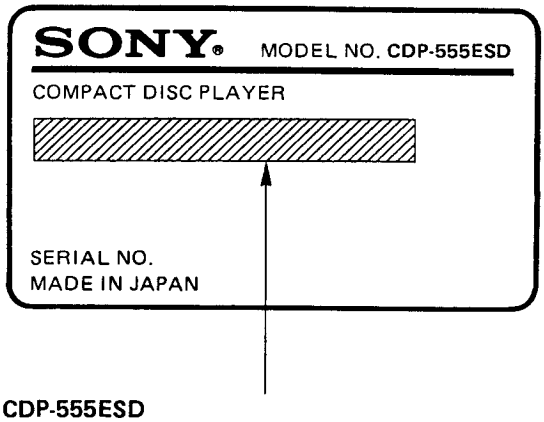
MODEL IDENTIFICATION

–Specification Label–

CDP-555ESD (AEP, UK, E model)
CDP-705ESD (US model)



CDP-555ESD
AEP, UK, E model: AC 220 – 240 V ~ 50/60 Hz 20 W

CDP-705ESD
US model: AC 120 V ~ 60 Hz 20 W

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 2 V AC range are suitable. (See Fig. A)

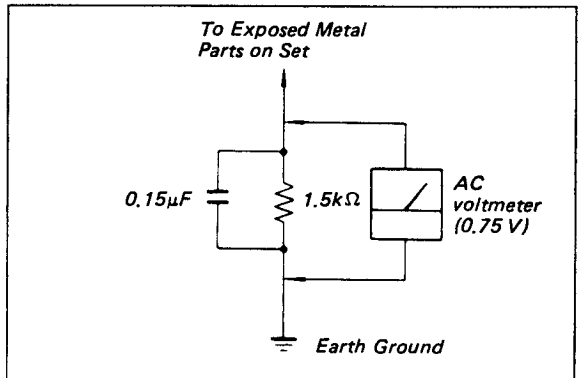


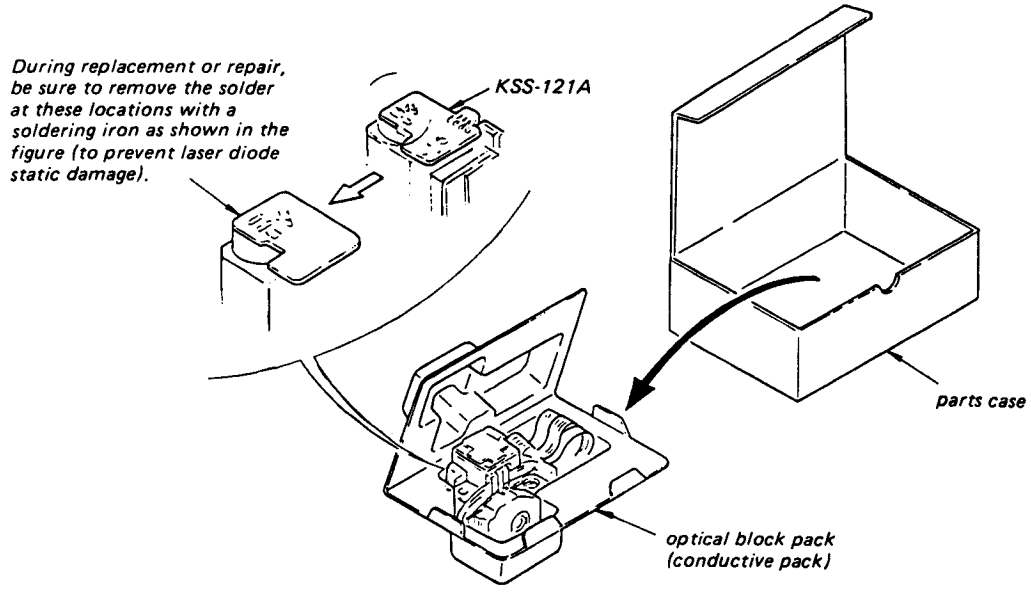
Fig. A. Using an AC voltmeter to check AC leakage.

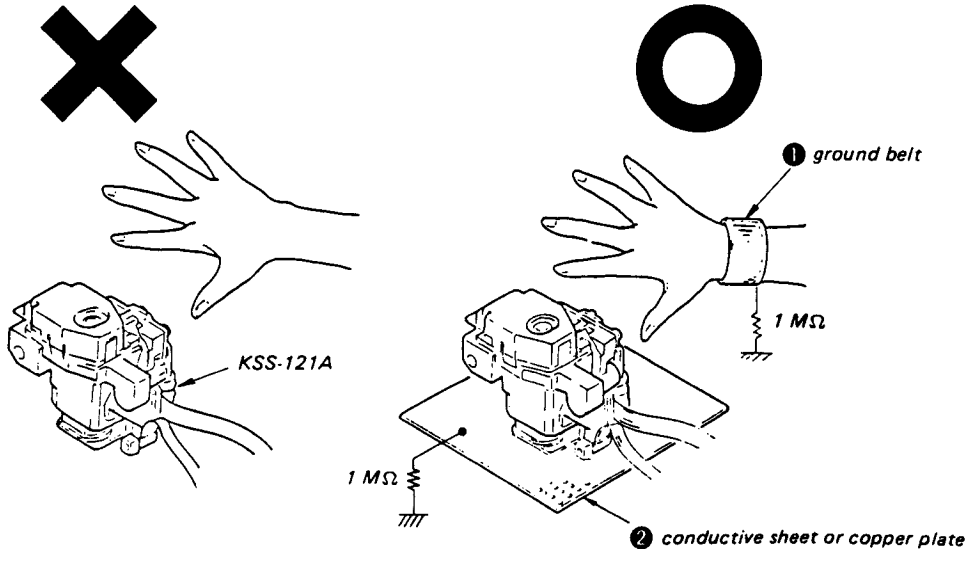
NOTES ON HANDLING THE OPTICAL BLOCK (KSS-121A)

The laser diode inside the optical block may be damaged by static electricity in clothes or the human body.

The following procedures are required when unpacking and repairing KSS-121A in order to avoid static electricity damage.

1. Body grounding
   Be sure to wear a ground belt (less than $10^8\,\Omega$) in order to release the static electricity stored in the body.
2. Workbench grounding
   Place a conductive sheet (less than $10^9\,\Omega$) or copper plate on the bench where KSS-121A is to be placed to ground it.
3. Static electricity in the clothing will not be released by the ground belt, so be careful not to let KSS-121A touch clothing.





– SERVICING NOTE –

LASER DIODE AND FOCUS SERCH OPERATION CHECK

1. Remove disc pully by lifting up chucking arm by hand. (Fig. A, B)
2. Make POWER switch on with no disc inserted and disc table closed.
3. Confirm that the operation indicated in Fig. C is performed while observing the objecting lens.

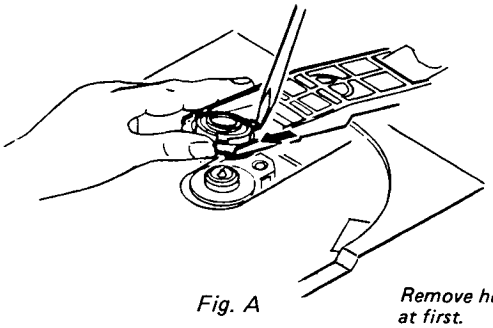


Fig. A

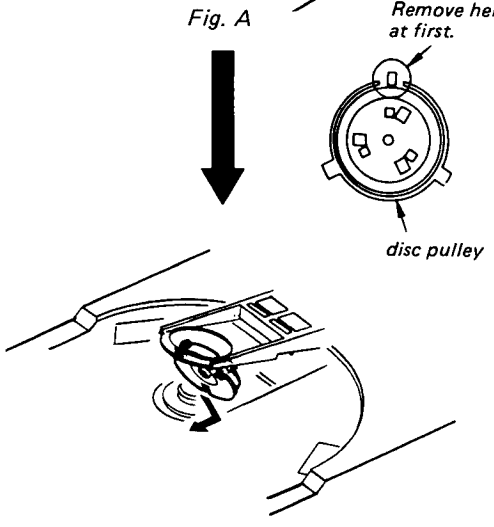


Fig. B

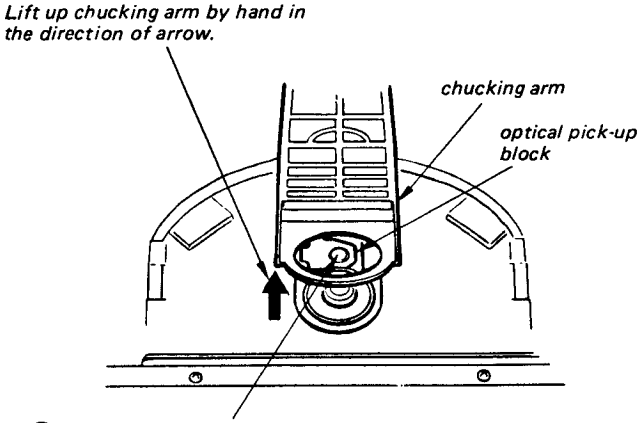


Fig. C

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe more than 25 cm away from the objective lens.

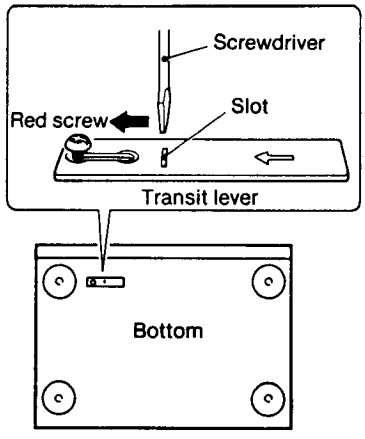
NOTE ON THE TRANSIT LEVER

A transit lever is provided at the bottom of the unit to protect the optical system against shock during transportation. **Before operating the CD player, be sure to move the lever in the direction of the arrow and secure it.**

1 Loosen the red screw with a screwdriver.

2 Insert the screwdriver into the slot in the lever and move it in the direction of the arrow until it stops.

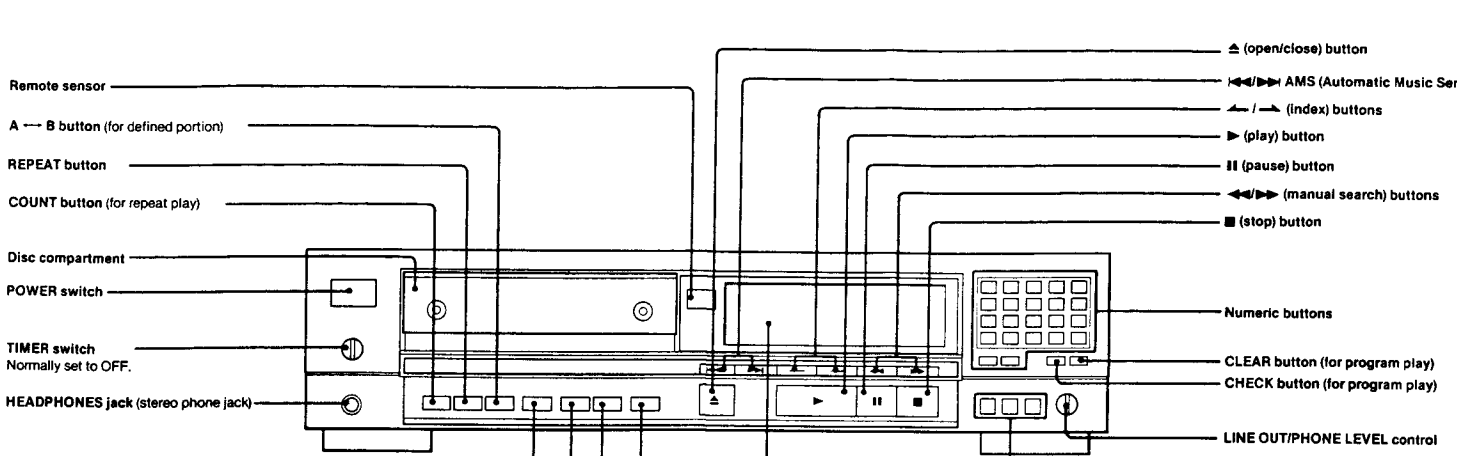
3 Tighten the red screw.



When transporting the unit again, move the lever in the opposite direction of the arrow and secure it with the screw.

CATION OF CONTROLS

PLAYER



Window

STEP indicator
the index numbers of the selection being played.
ows the program numbers while programming or
g program.

indicator
the track number of the selection being played.
e disc compartment is closed with a disc in place,
icator shows for a few seconds the total number of
ns on the disc.
dicator
tes when the disc compartment is closed with a disc
or when the disc compartment is opened.

IEXT indicator
the elapsed time of the selection being played.
e disc compartment is closed with a disc in place,
icator shows for a few seconds the total playing time
isc.
laying programmed selections, this shows the two
ng programmed selections.

SHUFFLE indicator
Illuminates while the shuffle function is operating.

REPEAT indicator
Illuminates while the repeat function is operating.

A ⟷ B indicators
Illuminate when the defined portion for repeat play is set.

COUNT indicator
Indicates the number of repeat plays.

Music calendar display
Displays disc selection numbers 1–20.

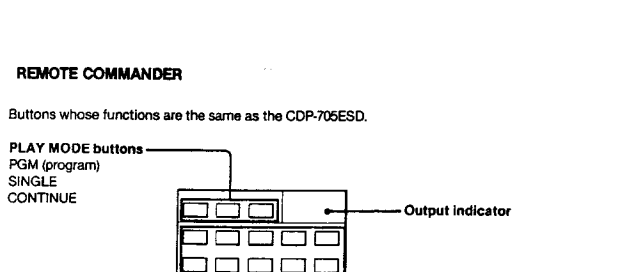
AUTO PAUSE indicator
Illuminates while the auto pause function is operating.

AUTO SPACE indicator
Illuminates while the auto space function is operating.

OVER 20 display
Illuminates when a disc having more than 20 selections is placed in the disc compartment.

REMOTE COMMANDER

Buttons whose functions are the same as the CDP-705ESD.



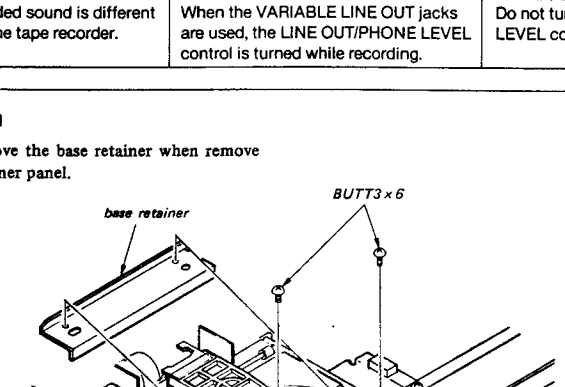
BLE CHECKS

g checks will assist in the correction of most problems which you may encounter with your unit. Should any sist after you have made these checks, consult your nearest Sony service facility. Before going through the check rst refer back to the connection and operating procedures.

TROUBLE	CAUSES	REMEDY
ompartment does not close c is inserted and the ⏏ ressed.	The disc is not placed correctly.	Center the disc correctly in the disc compartment.
	Dirty disc	Clean the disc.
ot start.	The disc is inserted with the label surface downward.	Place the disc with the label surface up.
	The ❚❚ button is engaged.	Press the ❚❚ button again to release it.
	Moisture condensation	Wait for approx. one hour after turning on the unit then start play.
ot heard.	Loose connection	Connect the cords firmly.
	The DIGITAL OUT switch is set to ON while using the LINE OUT jacks.	Set the DIGITAL OUT switch to OFF.
	The LINE OUT/PHONE LEVEL control is set to the minimum (0) while using the VARIABLE LINE OUT jacks.	Turn the LINE OUT/PHONE LEVEL control clockwise.
dow does not illuminate the power turns on.	The AC power cord is disconnected.	Connect the AC power cord firmly.
when the POWER switch .	The TIMER switch is set to PLAY or SHUFFLE.	Set the TIMER switch to OFF.
recorded sound is different et on the tape recorder.	When the VARIABLE LINE OUT jacks are used, the LINE OUT/PHONE LEVEL control is turned while recording.	Do not turn the LINE OUT/PHONE LEVEL control while recording.

emoval

l remove the base retainer when remove e retainer panel.



ELECTRICAL ADJUSTMENTS

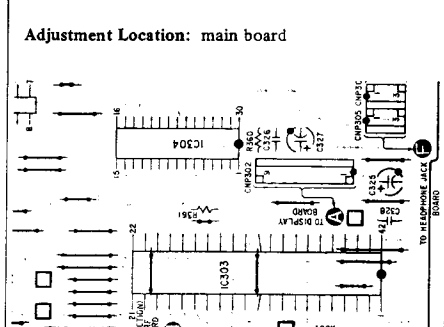
1. Perform adjustments in the order given.
2. Use YEDS-1 disc unless otherwise indicated.
3. Use the oscilloscope with more than 10 MΩ impedance.

Adjustment Mode

1. Connect main board test point ADJ and GND.
   This is to prevent the disc table from opening even though pits are not read, by making microcomputer IC303 pin 0 low.
2. Turn POWER switch on.
   (To reset microcomputer.)

   After adjustment, remove the lead wire connecting test points ADJ and GND.

Adjustment Location: main board

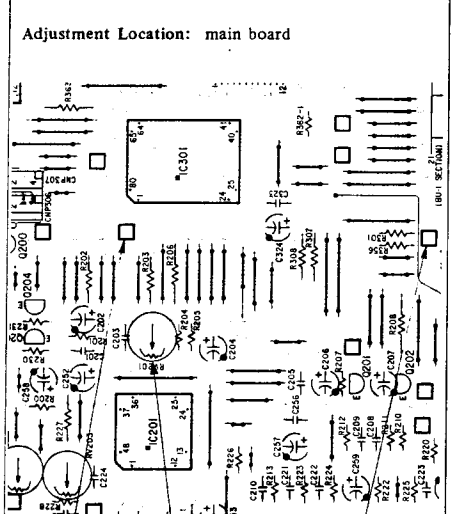


RF PLL Adjustment

Procedure:

1. Connect main board test point ASY and GND.
2. Connect the frequency counter to main board test points TP PLCK and TP GND.
3. Turn POWER switch ON (stop mode).
4. Adjust main board RV201 so that reading on frequency counter is 4.4018 MHz ±20 kHz.
5. Reconnect lead wires connected in adjustment mode.
6. Put disc (YEDS-18) in and press ▶ PLAY button.
7. Confirm that reading on frequency counter is 4.3218 MHz.

Adjustment Location: main board



CE

cking Gain Adjustment

quency response analyzer is necessary in erform this adjustment exactly.

er, this gain has a margin, so even if it is ff, there is no problem. Therefore, do not his adjustment.

tracking gain determines the pick-up follow- cal and horizontal) relative to mechanical mechanical shock when the 2-axis device

er, as these reciprocate, the adjustment is at where both are satisfied.

gain is raised, the noise when the 2-axis operates increases.

gain is lowered, it is more susceptible to ical shock and skipping occurs more easily.

ain adjustment is off, the symptoms below

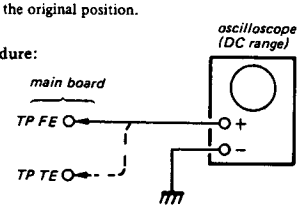
Gain /	Focus	Tracking
until music starts longer for STOP Y or automatic (⏮ ⏭buttons (Normally takes seconds.)	low	low or high
es not start and inues to rotate P→▷PLAY or c selection (⏮ ons pressed.)	–	low
e opens shortly OP→▷PLAY.	low or high	–
interrupted dur- Y. Or time count- y stops progress-	–	low
se during 2-axis peration.	high	high

The following is a simple adjustment method.

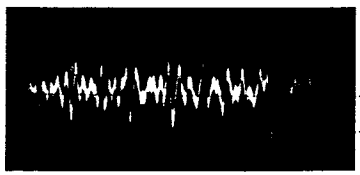
– Simple Adjustment –

Note: Since exact adjustment cannot be performed, remember the positions of the controls before performing the adjustment. If the positions after the simple adjustment are only a little different, return the controls to the original position.

Procedure:

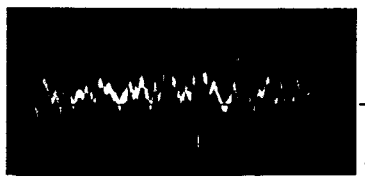


1. Keep the set horizontal.
   If the set is not horizontal, this adjustment cannot be performed due to the gravity against the 2 axis device.
2. Put set in adjustment mode. (See page 13.)
3. Insert disc (YEDS-1) and press ▶ PLAY button.
4. Connect oscilloscope to servo board TP FE.
5. Adjustment RV203 so that the waveform is as shown in the figure below. (focus gain adjustment)

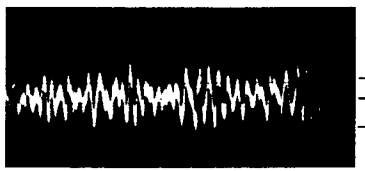


- Incorrent Examples (DC level changes more than on adjusted waveform)

low focus gain



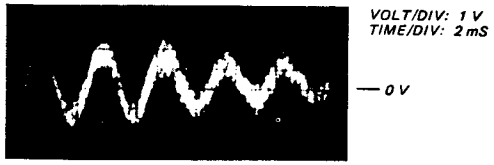
high focus gain



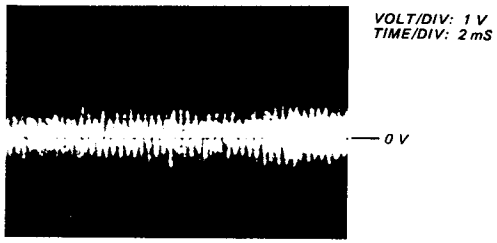
6. Connect oscilloscope to main board TP TE.
7. Adjust RV304 so that the waveform is as shown in the figure below. (tracking gain adjustment)

- Incorrect Examples (fundamental wave appears)

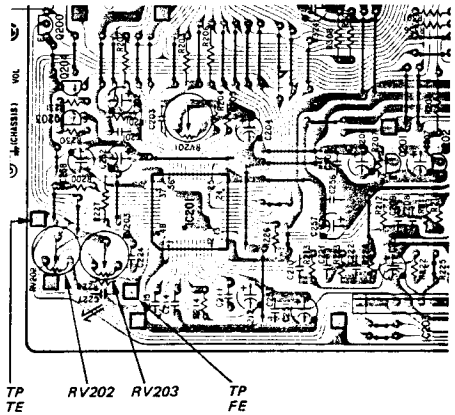
low tracking gain



high tracking gain
(higher fundamental wave than for low gain)

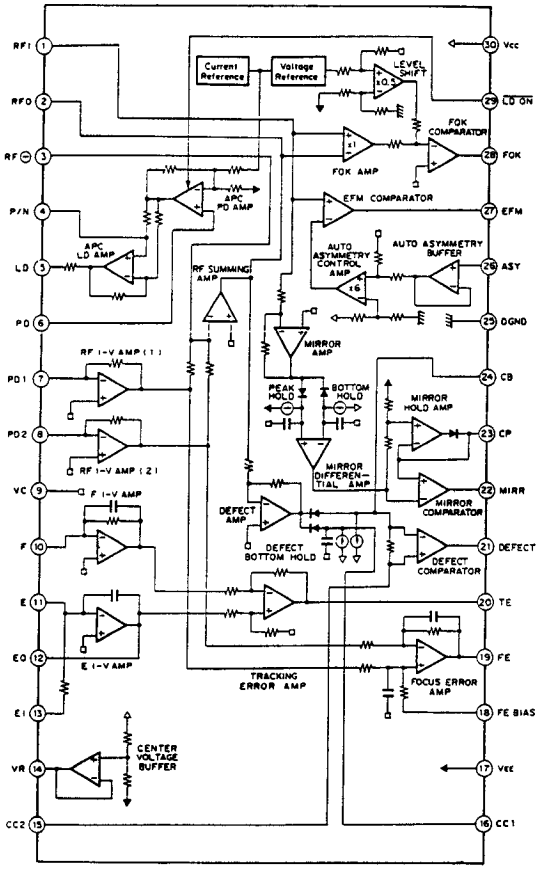


Adjustment Location: main board

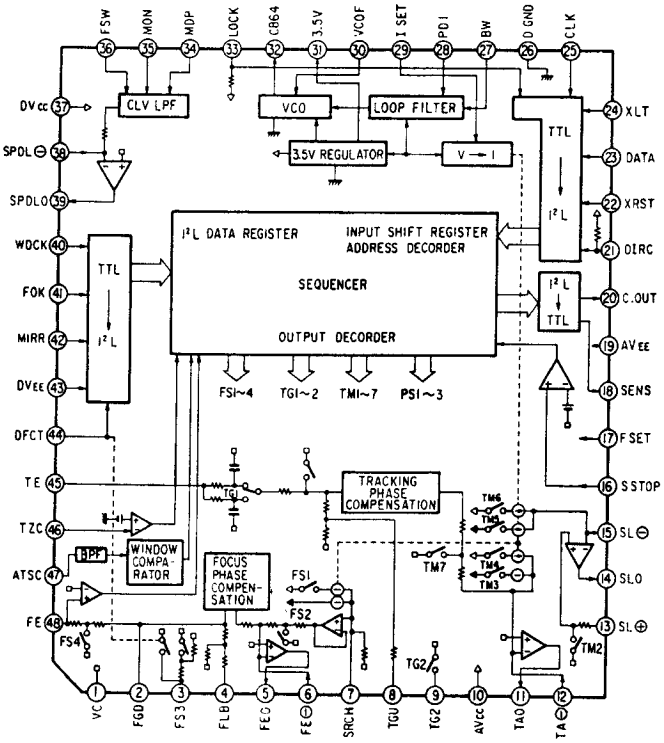


IC BLOCK DIAGRAM

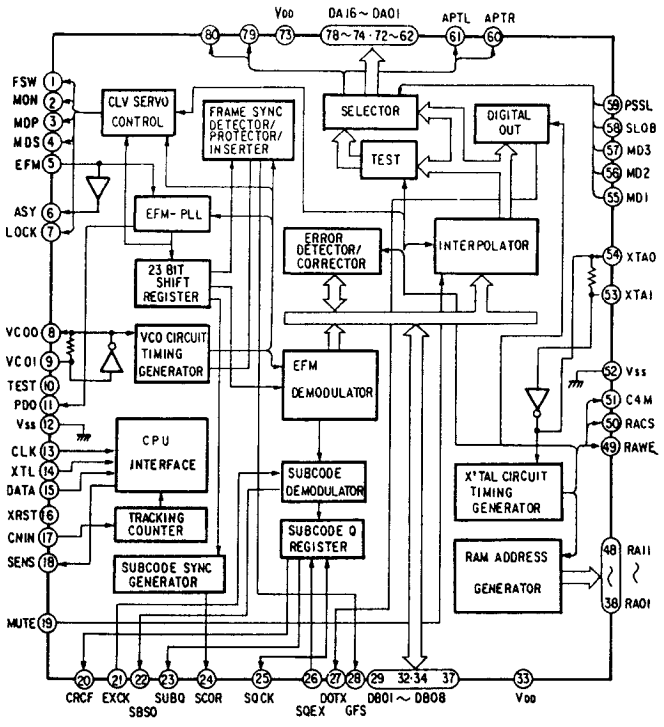
IC101
CXA1081M



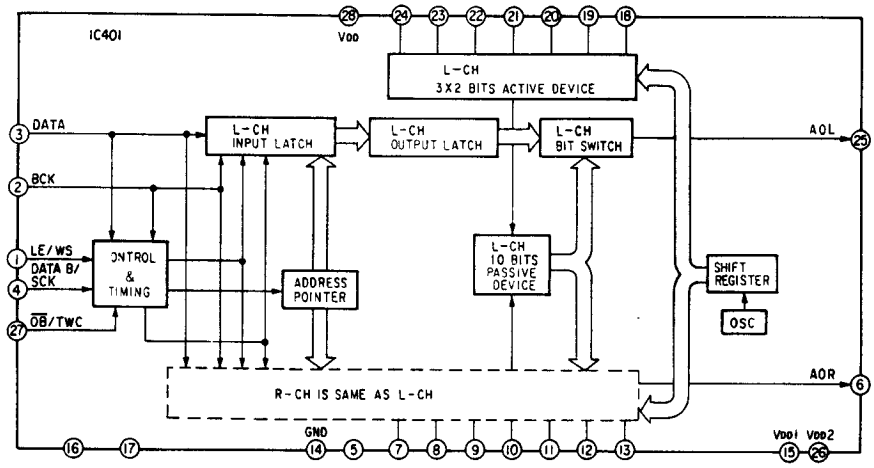
IC201
CXA1082Q



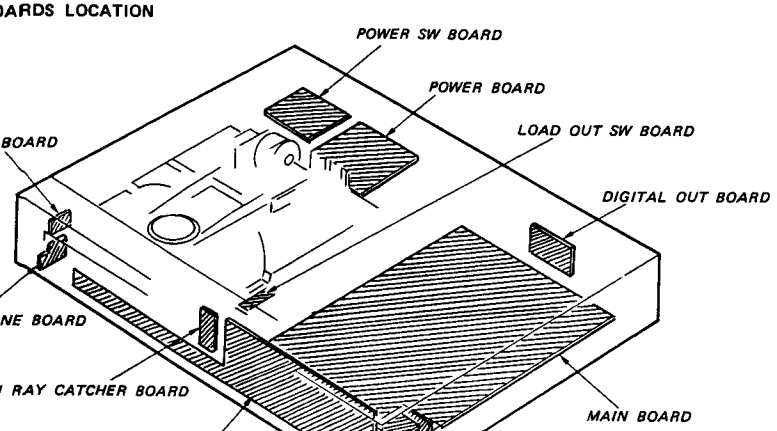
IC301
CXD1125Q

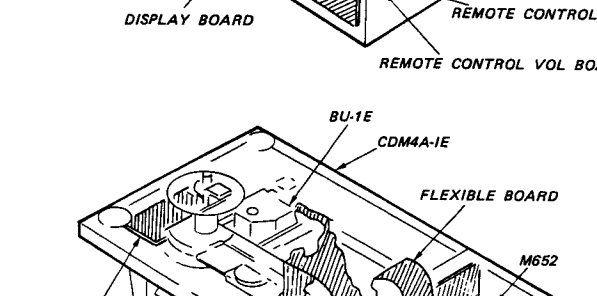


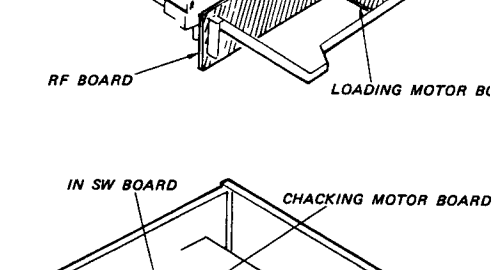
IC307
CXD-1088Q



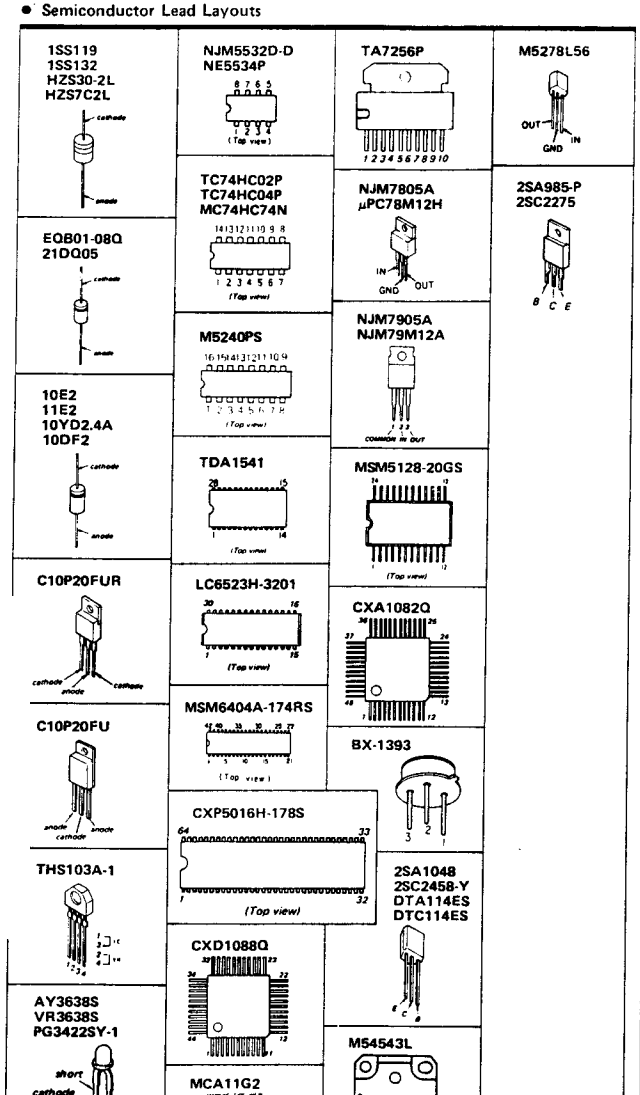
BOARDS LOCATION







● Semiconductor Lead Layouts

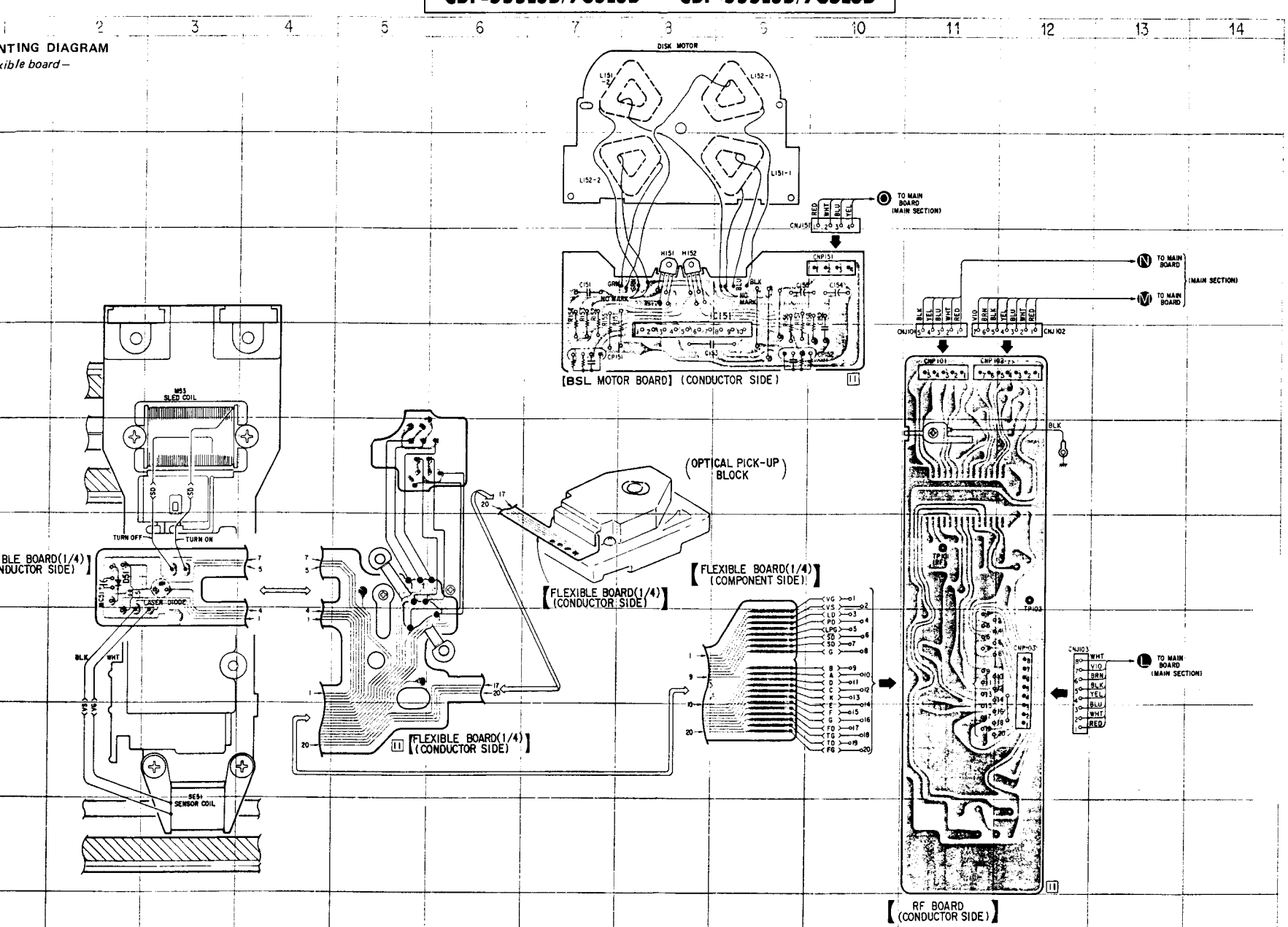


Note: SCHEMATIC DIAGRAM

- ——— : B+ bus.
- — — — : B– bus.
- ▭ : adjustment for repair.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under no-signal (detuned) conditions with VOM (50 kΩ/V).
- Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with respect to ground with oscilloscope.
- Voltage variations may be noted due to normal production tolerances.
- Switches:

Ref. No.	Switch	Position
S480	DIGITAL OUT	OFF
S651	LOAD IN DET	ON
S652	LOAD OUT DET	OFF
S653	MOTOR SELECT	CHUCKING MOTOR
S654	CHUCKING	ON
S700	1	OFF
S701	2	OFF
S702	3	OFF
S703	4	OFF
S704	5	OFF
S705	▶	OFF
S706	▲	OFF
S708	6	OFF
S709	7	OFF
S710	8	OFF
S711	9	OFF
S712	10	OFF
S713	▮▮	OFF
S714	A⟷B	OFF
S716	11	OFF
S717	12	OFF
S718	13	OFF
S719	14	OFF
S720	15	OFF
S721	■	OFF
S722	DISPLAY TIME/NEXT (PGM)	OFF
S724	16	OFF
S725	17	OFF
S726	18	OFF
S727	19	OFF
S728	20	OFF
S729	PROGRAM	OFF
S730	SHUFFLE	OFF
S732	+10	OFF
S733	0	OFF
S734	CHECK	OFF
S735	CLEAR	OFF
S736	CONTINUE	OFF
S737	SINGLE	OFF
S738	REPEAT	OFF
S739	COUNT	OFF
S740	AMS	OFF
S741	AMS	OFF
S742	INDEX	OFF
S743	INDEX	OFF
S744		OFF
S745		OFF
S746	AUTO PAUSE	OFF
S747	AUTO SPACE	OFF
S901	POWER	OFF

NTING DIAGRAM
ible board –



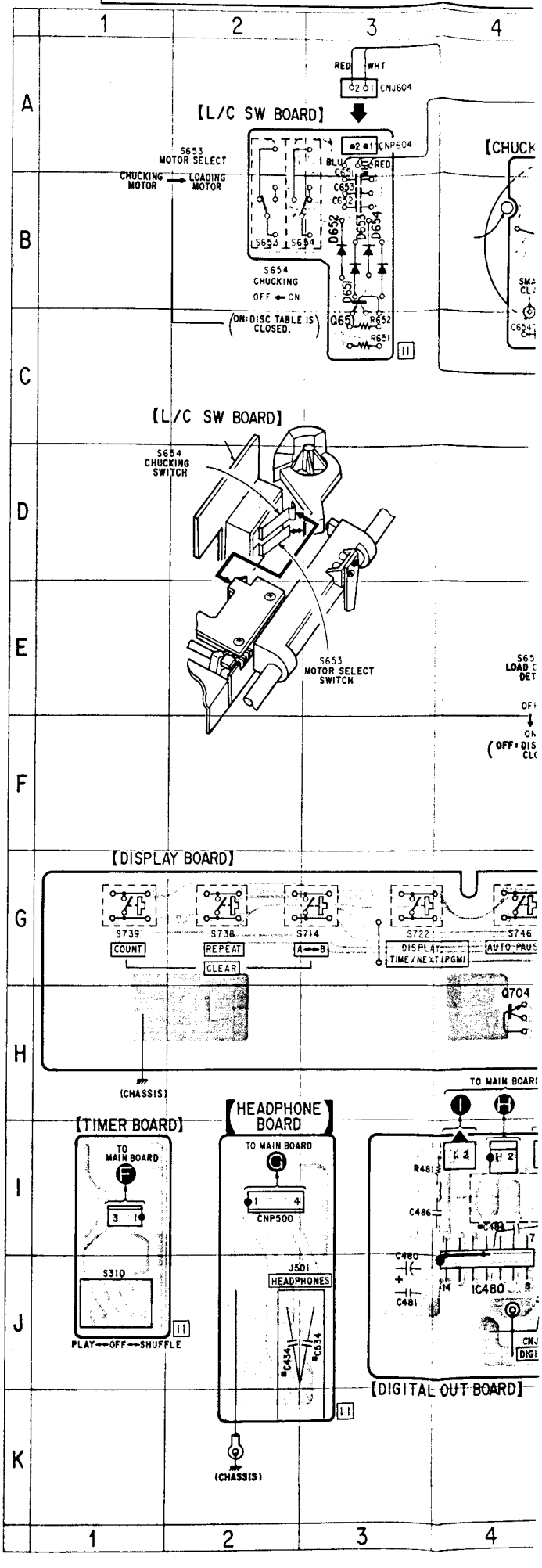
MOUNTING DIAGRAM

• SEMICONDUCTOR LOCATION

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D200	I-17	D885	D-17	IC812	J-22
D302	H-21	D890	D-18	IC852	C-17
D303	C-22			IC853	D-17
D304	F-22	IC201	F-17	IC862	C-17
D305	F-26	IC202	I-16		
D307	G-23	IC203	H-16	Q200	E-19
D390	A-10	IC301	F-19	Q201	H-18
D700	G-13	IC302	G-20	Q202	H-18
D701	G-14	IC303	J-20	Q203	E-18
D702	G-14	IC304	I-21	Q204	E-18
D703	G-11	IC305	I-19	Q301	G-22
D704	G-9	IC307	E-20	Q302	G-22
D705	I-8	IC308	G-22	Q303	H-22
D800	I-23	IC309	H-22	Q700	H-6
D801	J-23	IC310	G-21	Q701	H-5
D810	I-24	IC390	A-9	Q702	H-5
D811	I-25	IC401	E-22	Q703	H-4
D812	J-24	IC402	C-20	Q704	H-4
D816	J-25	IC403	E-21	Q800	H-25
D870	B-15	IC410	E-24	Q801	H-25
D871	B-16	IC411	F-25	Q802	I-24
D872	B-16	IC412	E-25	Q803	I-25
D873	B-17	IC413	G-24	Q810	K-25
D874	C-15	IC480	J-4	Q811	K-25
D875	C-15	IC511	C-25	Q812	J-24
D876	B-15	IC512	D-25	Q813	J-25
D877	B-15	IC700	I-10	Q861	D-16
D878	C-15	IC710	J-6	Q864	B-17
D879	C-15	IC800	I-22	Q865	C-15
D882	B-17	IC801	D-21	Q866	D-17
D883	B-18	IC802	D-21		
D884	D-16	IC811	E-21		

Note:

- ● ●— : parts extracted from the conductor side.
- ● ■ : part mounted on the conductor side.



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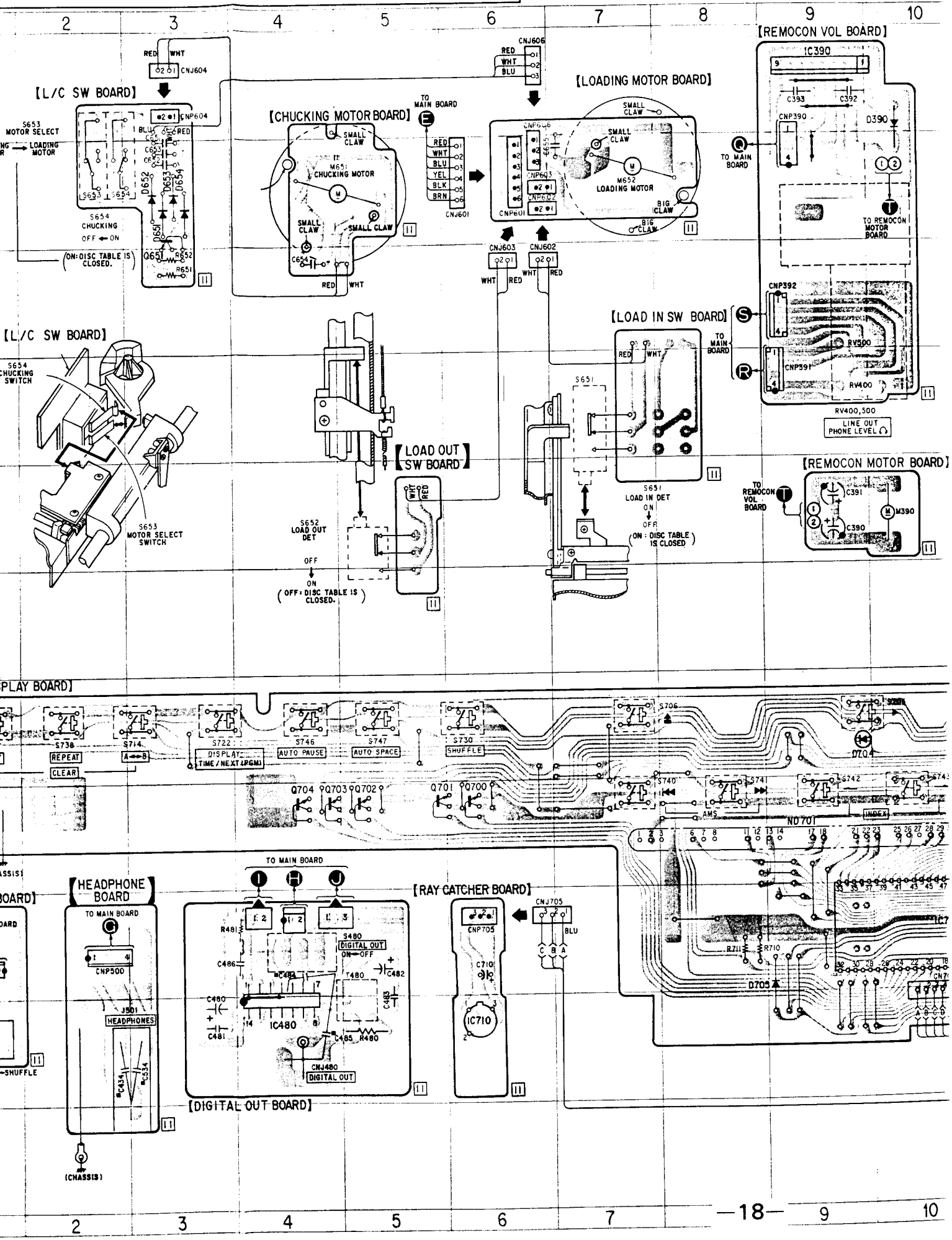
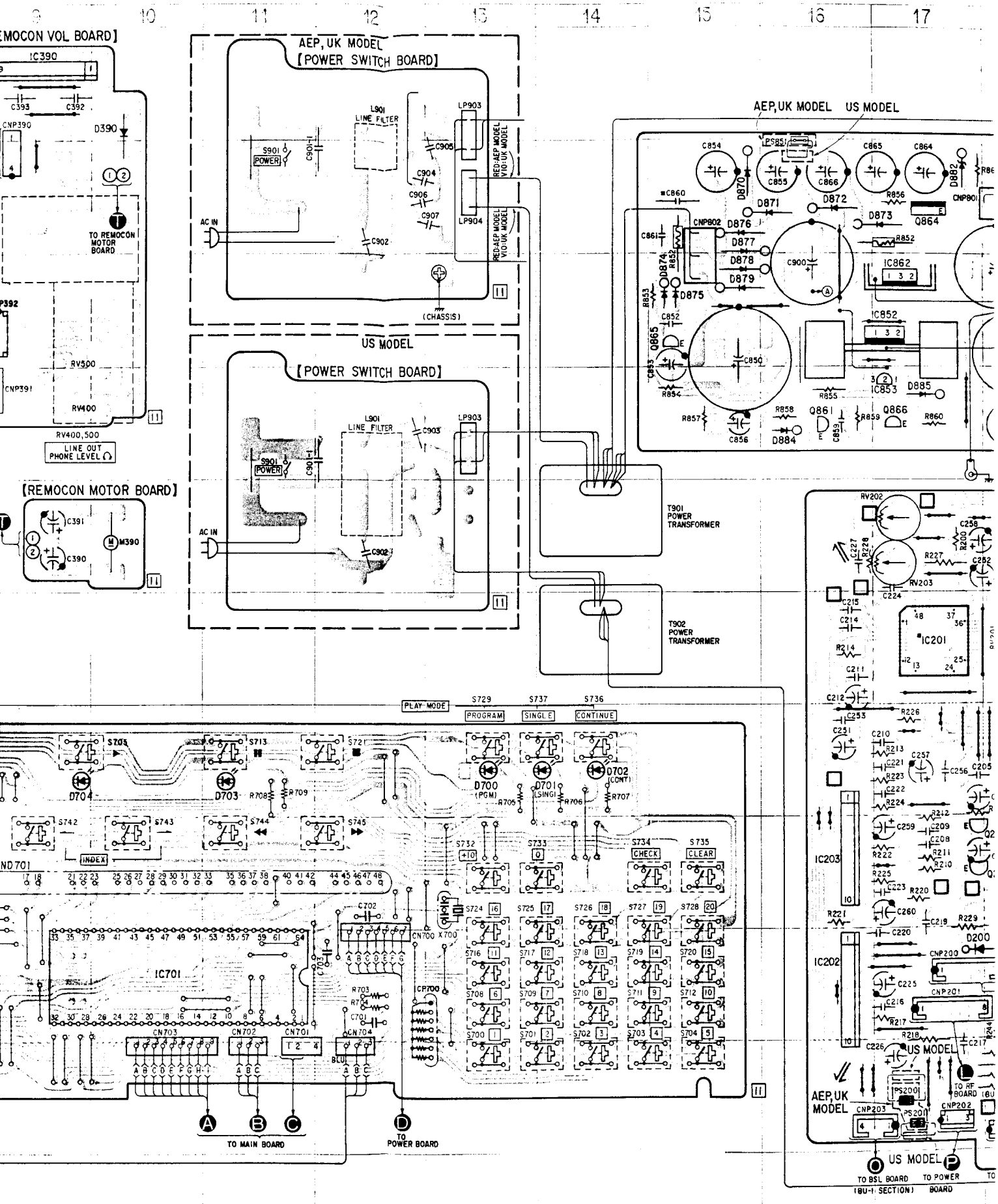
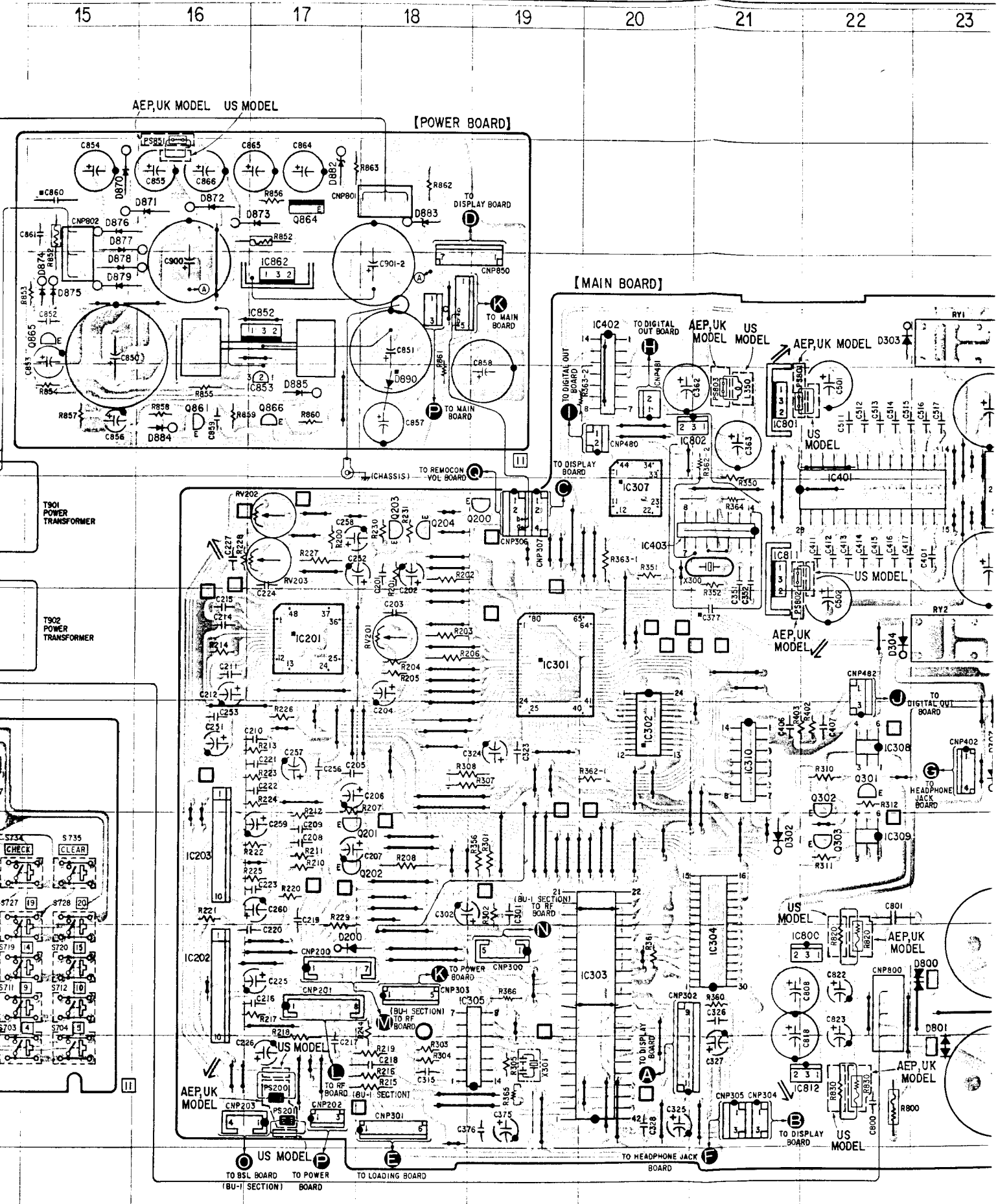
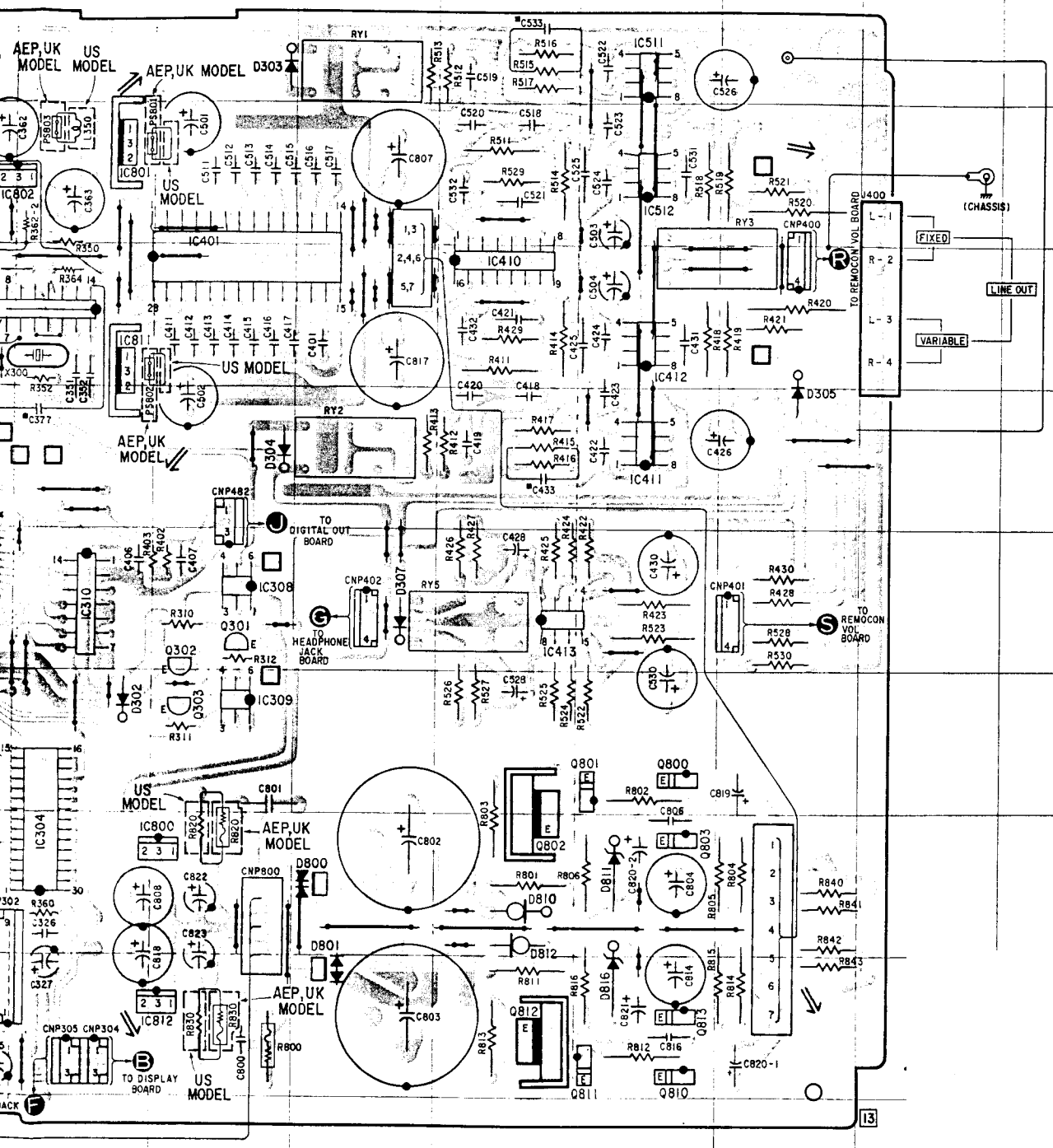
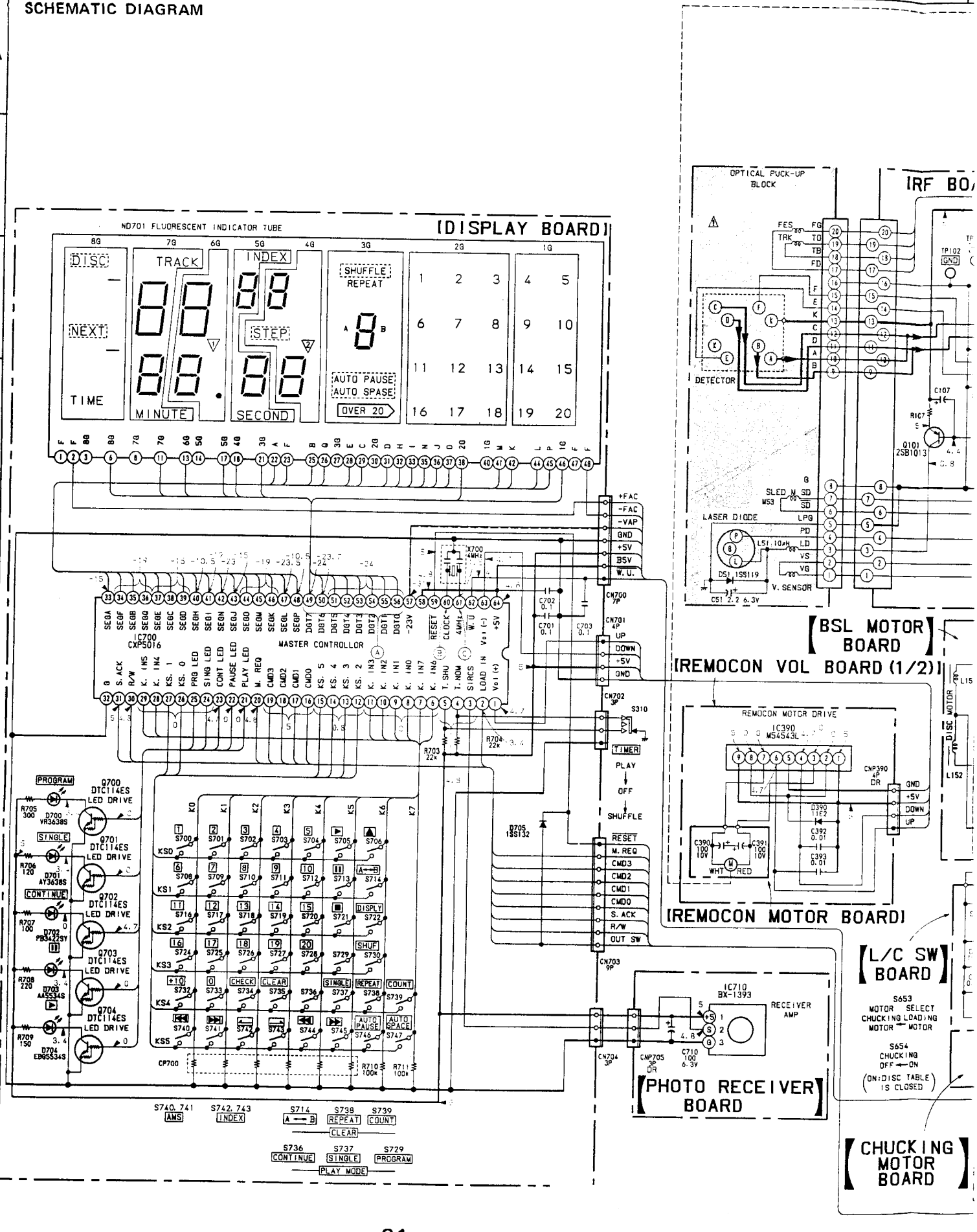

【L/C SW BOARD】
【CHUCKING MOTOR BOARD】
【LOADING MOTOR BOARD】
【REMOCON VOL BOARD】
【LOAD IN SW BOARD】
【LOAD OUT SW BOARD】
【REMOCON MOTOR BOARD】
【DISPLAY BOARD】
【HEADPHONE BOARD】
【RAY CATCHER BOARD】
【DIGITAL OUT BOARD】
S653 MOTOR SELECT
S654 CHUCKING
S651 LOAD IN DET
S652 LOAD OUT DET
M651 CHUCKING MOTOR
M652 LOADING MOTOR
M390
IC390
IC480
IC710
TO MAIN BOARD
TO REMOCON MOTOR BOARD
TO REMOCON VOL BOARD
RV400,500
LINE OUT PHONE LEVEL
REPEAT
CLEAR
DISPLAY TIME / NEXT (PGM)
AUTO PAUSE
AUTO SPACE
SHUFFLE
AMS
INDEX
DIGITAL OUT
HEADPHONES
(CHASSIS)


[REMOCON VOL BOARD]
IC390
C393
C392
CNP390
D390
TO REMOCON MOTOR BOARD
RV500
RV400
CNP391
RV400,500
LINE OUT PHONE LEVEL
[REMOCON MOTOR BOARD]
C391
C390
M390
AEP, UK MODEL
[POWER SWITCH BOARD]
L901 LINE FILTER
S901 POWER
C901
C902
C903
C904
C905
C906
C907
LP903
LP904
RED:AEP MODEL V10:UK MODEL
AC IN
(CHASSIS)
US MODEL
[POWER SWITCH BOARD]
AEP,UK MODEL
US MODEL
T901 POWER TRANSFORMER
T902 POWER TRANSFORMER
PS851
C854
C855
C856
C865
C866
C864
D870
D871
D872
D873
D876
D877
D878
D879
D874
D875
D882
CNP802
Q864
R856
R852
C860
C861
C900
IC862
C852
C853
C850
Q865
IC852
IC853
D885
D884
Q861
Q866
R857
R858
R859
R860
R853
R854
R855
PLAY MODE
S729 PROGRAM
S737 SINGLE
S736 CONTINUE
S705
S713
S721
D704
D703
D700 (PGM)
D701 (SING)
D702 (CONT)
R708
R709
R705
R706
R707
S742
S743
S744
S745
INDEX
S732 +10
S733 0
S734 CHECK
S735 CLEAR
S724
S725
S726
S727
S728
S716
S717
S718
S719
S720
S708
S709
S710
S711
S712
S700
S701
S702
S703
S704
C702
CN700
X700
IC701
C703
C701
R703
R704
CP700
CN703
CN702
CN701
CN704
BLU
A
B
C
D
TO MAIN BOARD
TO POWER BOARD
RV202
C258
R200
C227
C228
R227
C252
RV203
C224
C215
C214
IC201
R214
C211
C212
C253
R226
C251
C210
R213
C221
R223
C257
C256
C205
C222
R224
R212
C259
C209
C208
R222
R211
R210
IC203
R225
C223
R220
C260
R221
C218
R229
C220
D200
IC202
CNP200
C225
CNP201
C216
R217
R218
C217
C226
US MODEL
AEP,UK MODEL
PS2001
CNP203
CNP202
TO RF BOARD
TO BSL BOARD (BU-1 SECTION)
TO POWER BOARD


15
16
17
18
19
20
21
22
23
AEP,UK MODEL US MODEL
[POWER BOARD]
[MAIN BOARD]
T901 POWER TRANSFORMER
T902 POWER TRANSFORMER
TO DISPLAY BOARD
TO MAIN BOARD
TO REMOCON VOL BOARD
TO DIGITAL OUT BOARD
TO HEADPHONE JACK BOARD
TO POWER BOARD
TO RF BOARD
TO LOADING BOARD
TO BSL BOARD (BU-1 SECTION)
CHECK
CLEAR
AEP,UK MODEL
US MODEL
—19—


AEP,UK MODEL
US MODEL
AEP,UK MODEL
D303
RY1
IC511
IC512
IC410
IC401
IC801
IC802
IC811
US MODEL
AEP,UK MODEL
RY2
D304
IC411
IC412
D305
RY3
CNP400
U400
TO REMOCON VOL BOARD
(CHASSIS)
FIXED
LINE OUT
VARIABLE
CNP482
TO DIGITAL OUT BOARD
IC308
IC309
IC310
IC304
CNP402
TO HEADPHONE JACK BOARD
RY5
IC413
CNP401
TO REMOCON VOL BOARD
Q301
Q302
Q303
D302
IC800
IC812
CNP800
D800
D801
AEP,UK MODEL
US MODEL
Q801
Q802
Q803
Q804
Q811
Q812
Q813
Q800
Q810
CNP305
CNP304
TO DISPLAY BOARD
US MODEL
13

SCHEMATIC DIAGRAM



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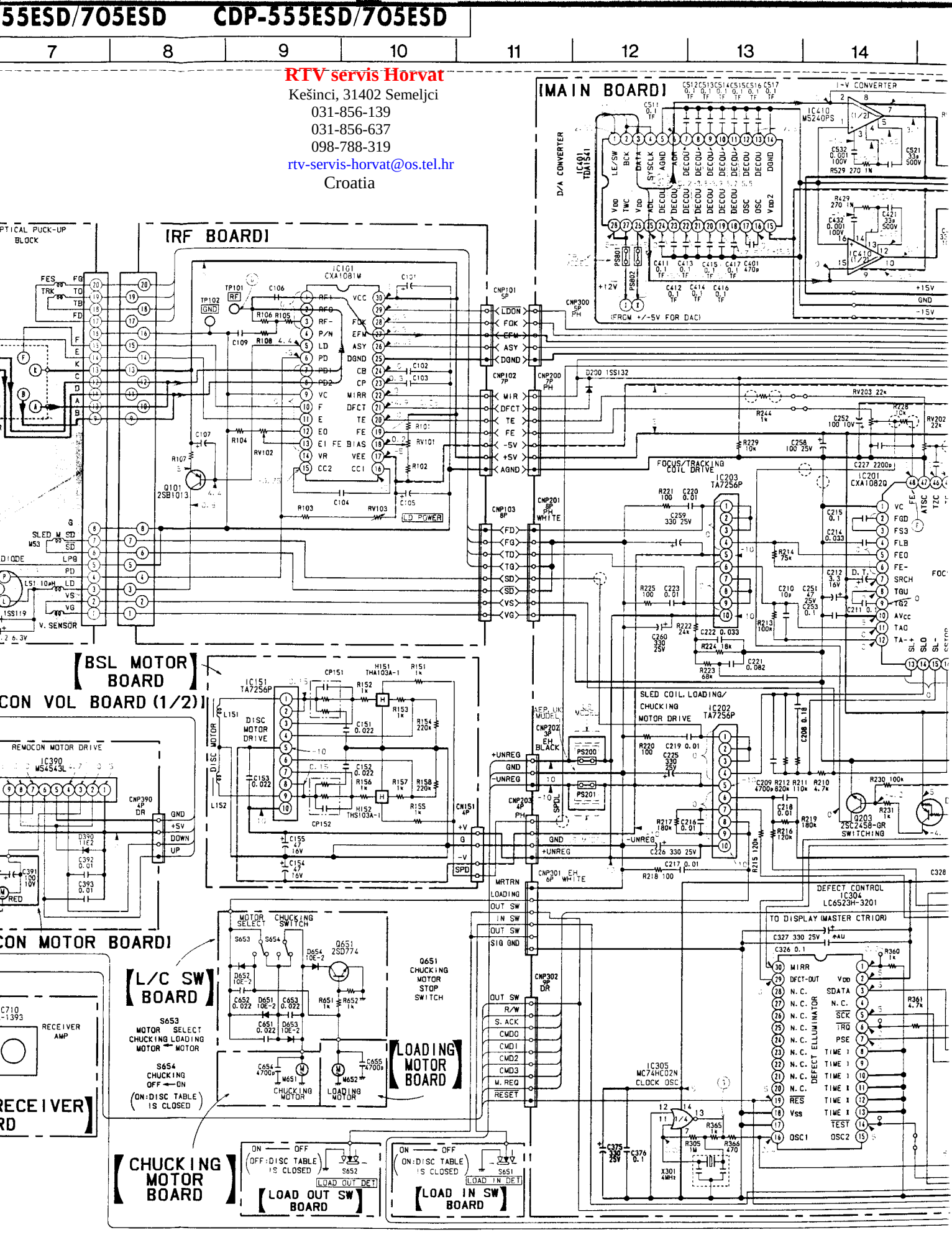
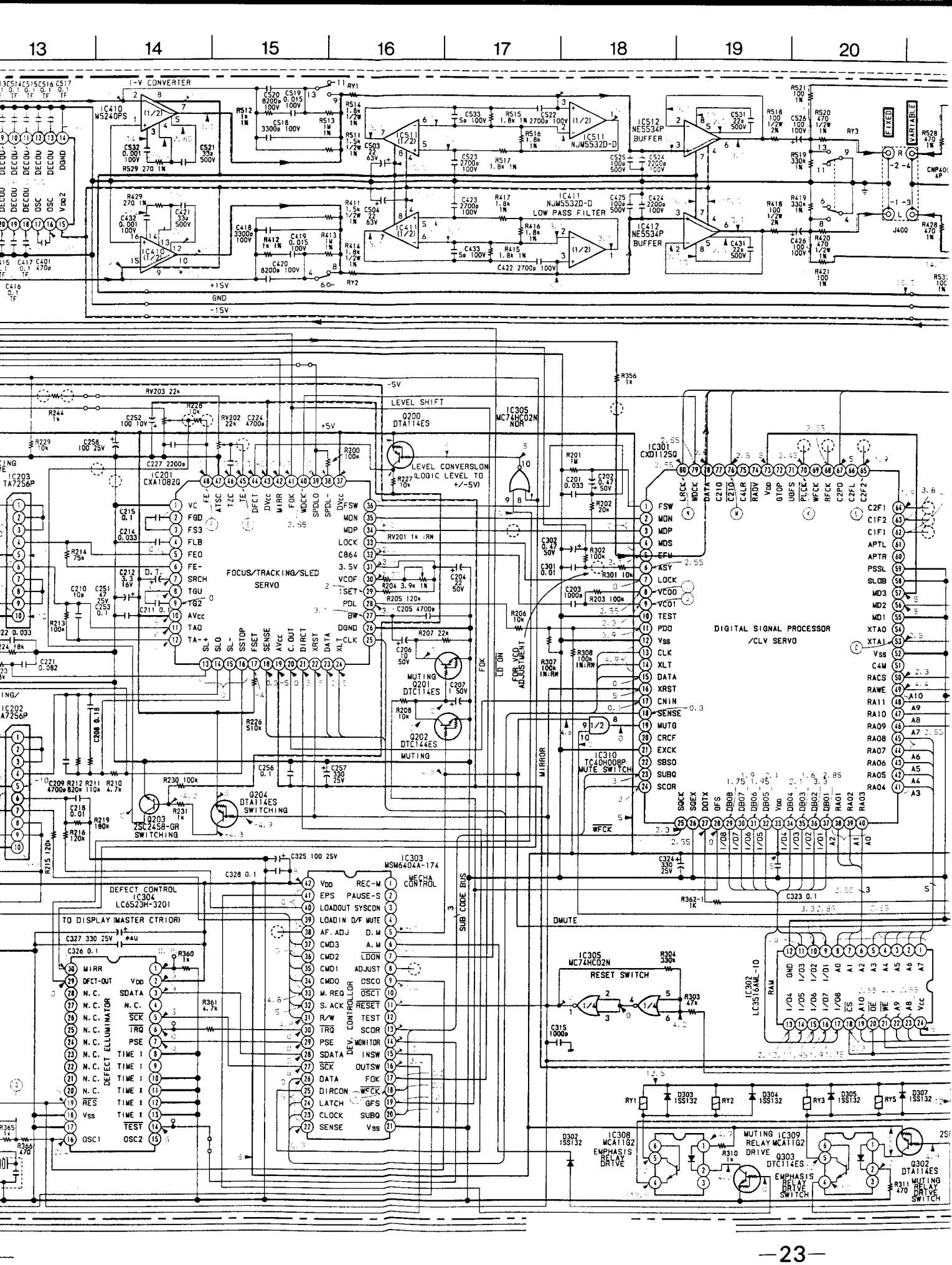
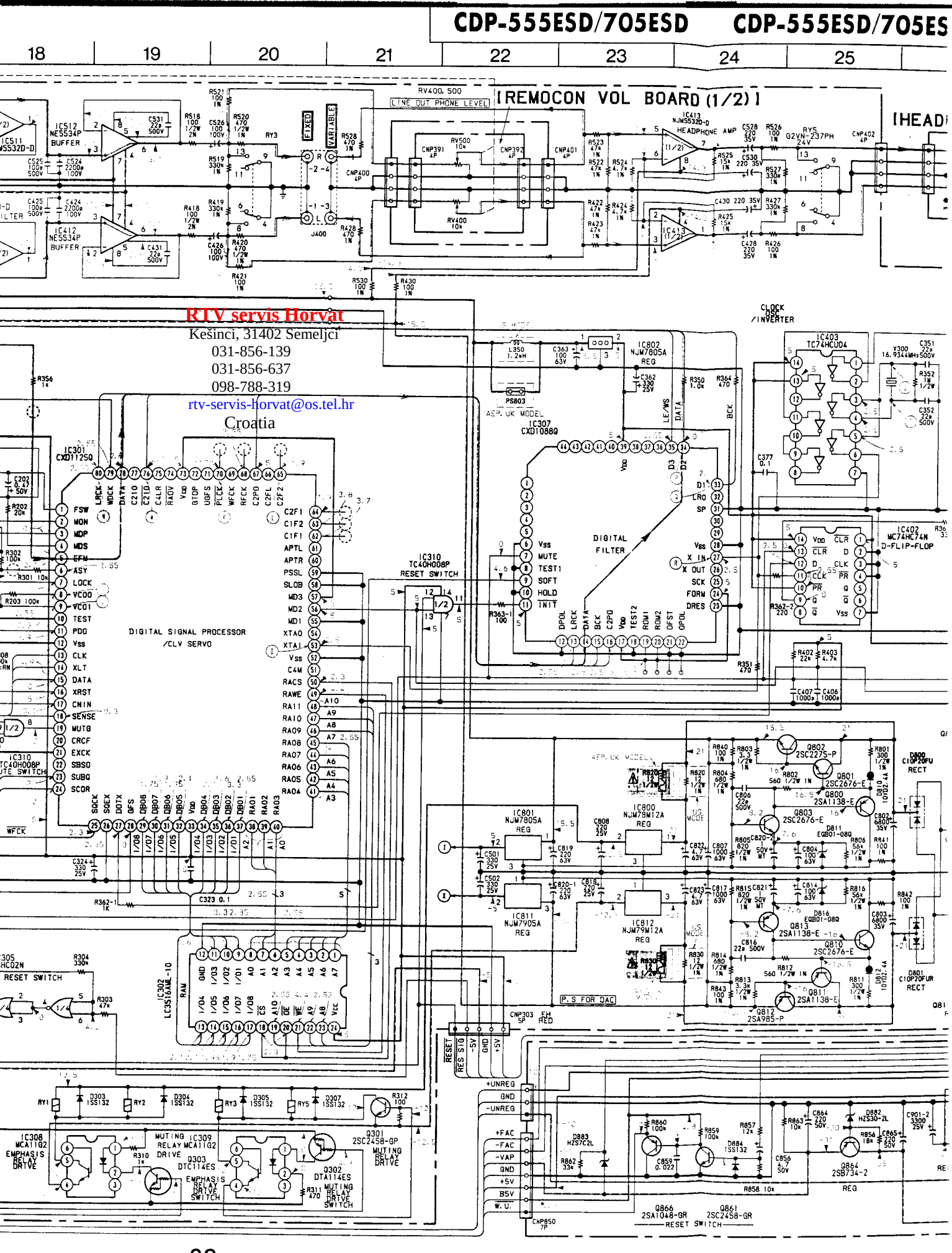



13
14
15
16
17
18
19
20
I-V CONVERTER
IC410 M5240PS
IC511 NJM5532D-D
IC512 NE5534P BUFFER
IC411 NJM5532D-D LOW PASS FILTER
IC412 NE5534P BUFFER
FIXED
VARIABLE
+1SV
GND
-1SV
LEVEL SHIFT
Q200 DTA114ES
IC305 MC74HC02N NOR
LEVEL CONVERSION (LOGIC LEVEL TO +/-5V)
IC201 CXA1082Q
FOCUS/TRACKING/SLED SERVO
IC203 TA7256P
IC202 A7256P
IC301 CXD1125Q
DIGITAL SIGNAL PROCESSOR /CLV SERVO
MUTING Q201 DTC114ES
Q202 DTC144ES
MUTING
Q204 DTA114ES SWITCHING
Q203 2SC2458-GR SWITCHING
FOK
LD ON
FOR VCO ADJUSTMENT
MIRROR
IC310 TC40H008P MUTE SWITCH
DMUTE
IC303 MSM6404A-174
MECHA CONTROL
SUB CODE BUS
DEFECT CONTROL IC304 LC6523H-3201
TO DISPLAY (MASTER CTRIOR)
DEFECT ILLUMINATOR
DEV. CONTROLLOR
IC305 MC74HC02N RESET SWITCH
IC302 LC3516AML-10 RAM
D303 1SS132
D304 1SS132
D305 1SS132
D307 1SS132
D302 1SS132
IC308 MCA11G2 EMPHASIS RELAY DRIVE
MUTING IC309 RELAY MCA11G2 DRIVE
Q303 DTC114ES EMPHASIS RELAY DRIVE SWITCH
Q302 DTA114ES MUTING RELAY DRIVE SWITCH
J400
CNP401
-5V
+5V
LOCK
VCOO
VCO1
TEST
PDO
CLK
XLT
DATA
XRST
CNIN
SENSE
MUTG
CRCF
EXCK
SBSO
SUBQ
SCOR
SQCK
SQEX
DOTX
GFS
WFCK
RESET
SCK
TRQ
SQSO
MIRR
DFCT
FOK
SFDR
SFDF
TFDR
TFDF
SPDR
SPDF
FSW
MON
MDP
MDS
EFM
ASY
C2F1
C1F2
C1F1
APTL
APTR
PSSL
SLOB
MD3
MD2
MD1
XTAO
XTAI
C4M
RACS
RAWE
RA11
RA10
RA09
RA08
RA07
RA06
RA05
RA04
RAS3
RAS2
RAS1
RAS0
RAO3
RAO2
RAO1
RAO0
DB08
DB07
DB06
DB05
DB04
DB03
DB02
DB01
A2
A1
A0



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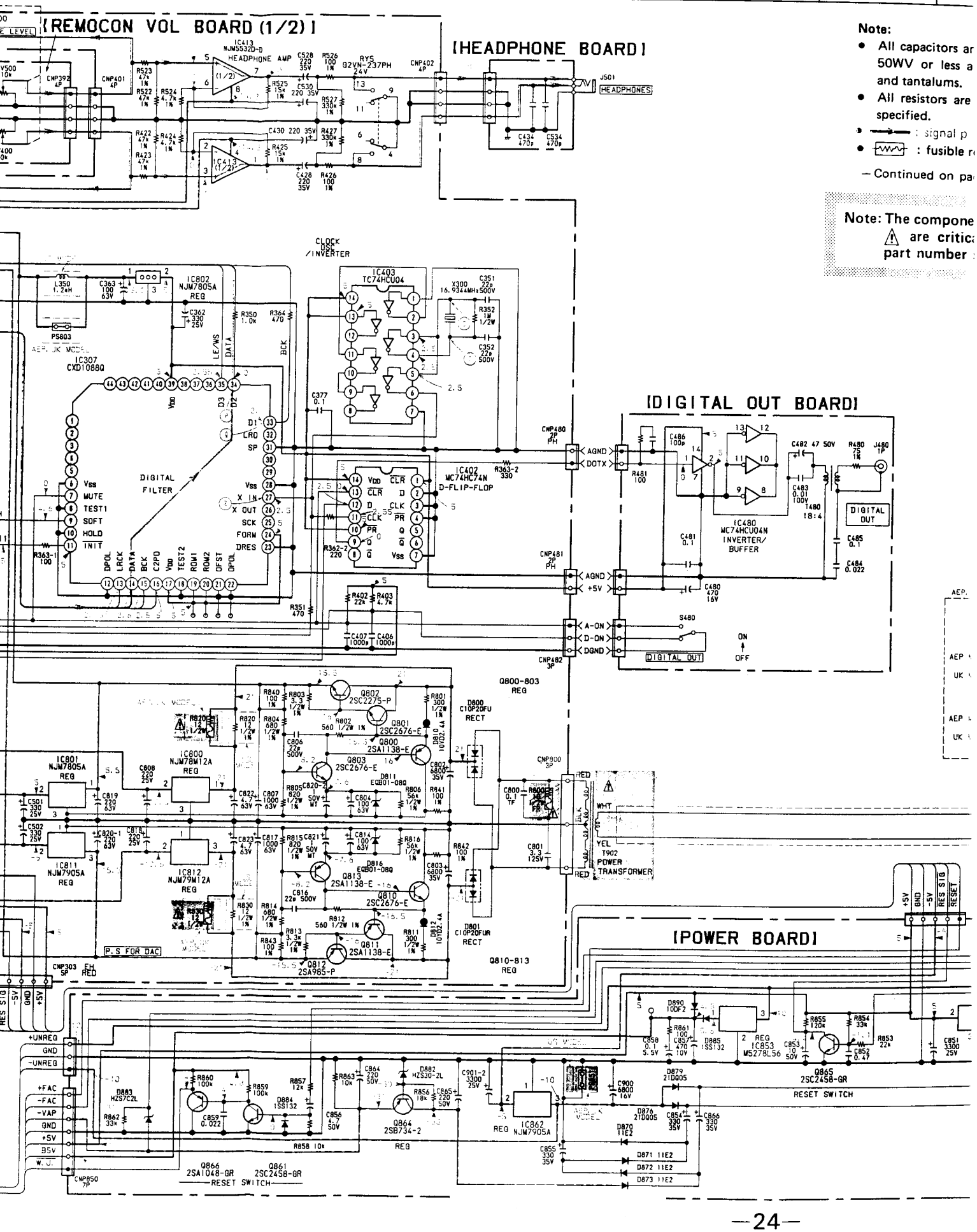
Croatia



Note:

- All capacitors ar 50WV or less a and tantalums.
- All resistors are specified.
- : signal p
- : fusible r

– Continued on pa

Note: The compone ⚠ are critic part number

Note:

- 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 1/4W or less unless otherwise specified.
- ⟶ : signal path.
- ⏦ : fusible resistor.

– Continued on page 14 –

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

Ⓐ 1.02 mSEC, 0.12 mSEC, 3V

Ⓑ 0.25 μSEC, 5.2VP-P

Ⓒ 0.25 μSEC, 5VP-P

Ⓓ PLAY, 1.9V, 0.7V, 0V

Ⓔ PLAY, APPROX 5.6 P-P

Ⓕ PLAY, APPROX 70mVP-P

Ⓖ 7.2 μSEC, 5.8VP-P

Ⓗ 165 μSEC, 1.7VP-P

Ⓘ 0.1 μSEC, 3VP-P

Ⓙ 0.1 μSEC, 1.4VP-P

Ⓚ 0.2 μSEC, 5.2VP-P

Ⓛ 135 μSEC, 5.2VP-P

Ⓜ 0.66 μSEC, 6VP-P

Ⓝ 220 μSEC, 4.4VP-P

Ⓞ 0.58 μSEC, 3.4VP-P

Ⓟ 5.6 μSEC, 5.2VP-P

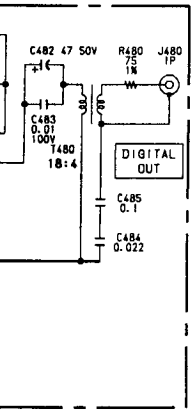
Ⓠ 0.8 μSEC, 5.2VP-P

Ⓡ 58nSEC, 4.6VP-P

Ⓢ 50nSEC, 2.4VP-P

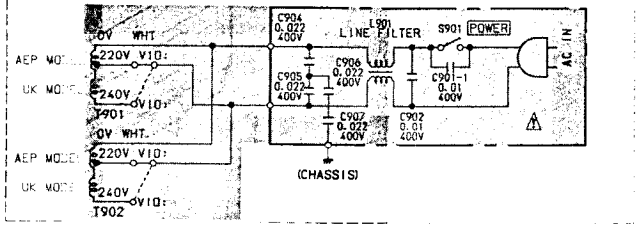
Ⓣ 50nSEC, 5.2VP-P

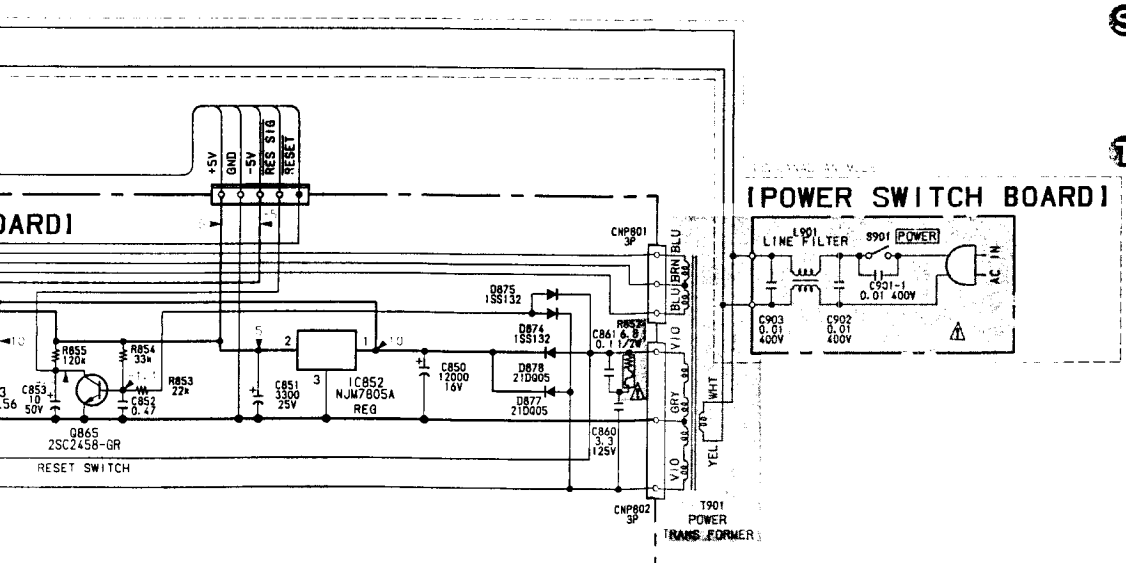
T BOARD]



AEP, UK MODEL

[POWER SWITCH BOARD]





[POWER SWITCH BOARD]

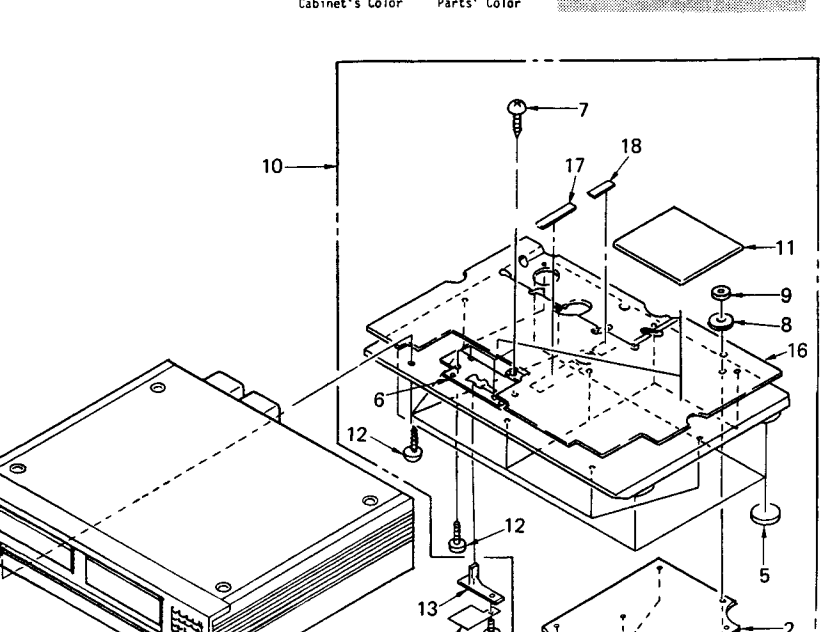
DED VIEWS AND PARTS LIST

hanical parts with no reference in the exploded views are not d.

arked " * " are not stocked since e seldom required for routine . Some delay should be antici- hen ordering these items.

- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Color Indication of Appearance Parts
  Example: (RED) ..... KNOB, BALANCE (WHITE)
  ↑ Cabinet's Color ↑ Parts' Color

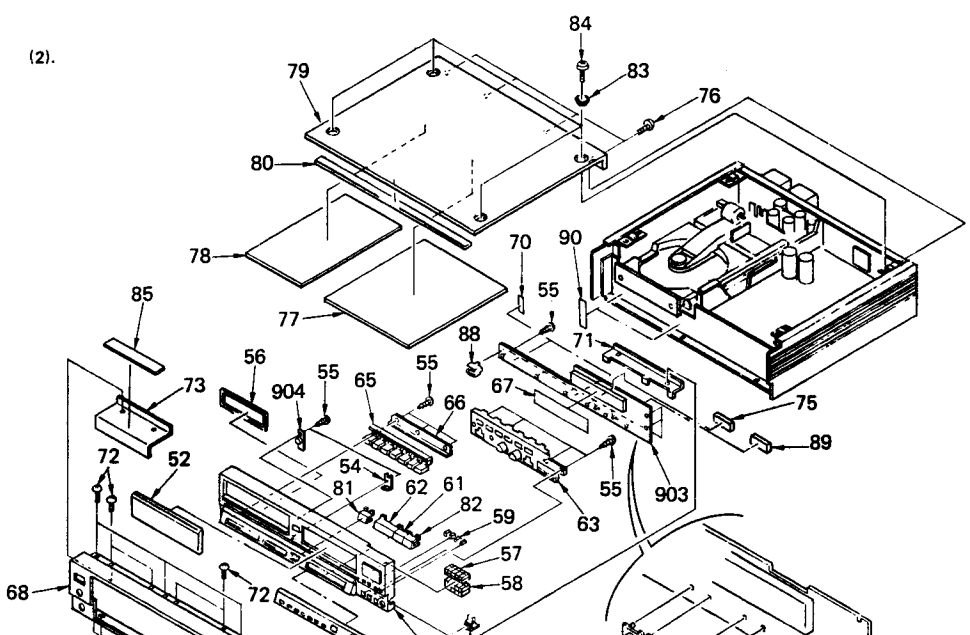
The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.



t No.	Description	Remarks
03-710-41	STICKER, SONY SYMBOL (12)	
13-181-01	PLATE, BOTTOM, SHIELD	
82-153-09	SCREW +P 3X20	
85-647-79	SCREW +BVTP 3X10 TYPE2 SLIT	
13-178-01	FOOT (B)	
13-180-01	PLATE, LOCK, TRANSPORT	
85-646-79	SCREW +BVTP 3X8 TYPE2 SLIT	
90-173-00	WASHER	
84-023-04	N 3, TYPE 2	

No.	Part No.	Description	Remarks
10	*A-4675-207-A	CHASSIS ASSY, G	
11	4-913-189-11	FELT (B), ACOUSTIC ABSORBENT	
12	*4-919-203-01	SCREW (3.5X12), + BVTP	
13	*4-913-155-01	LEVER (B), TRANSPORT LOCK	
14	3-323-470-01	SCREW (B3X6), (+ -)	
16	4-919-216-01	PLATE (B), BOTTOM, SHIELD	
17	4-919-217-01	CUSHION (A)	
18	4-919-218-01	CUSHION (B)	

(2).



No.	Part No.	Description	Remarks
51	X-4908-930-1	BASE ASSY (B), PANEL	
52	4-913-131-01	PLATE, TRANSPARENT	
53	4-913-150-01	PANEL, CONTROL BUTTON	
54	*4-913-136-01	BRACKET (A), PANEL	
55	7-685-534-11	SCREW +BTP 2.6X8 TYPE2 N-S	
56	*4-913-128-01	PLATE, SHIELD	
57	4-912-950-21	BUTTON, 10 GANG	
58	4-912-950-31	BUTTON, 10 GANG	
59	4-912-949-01	BUTTON, 4 GANG	
60	4-913-135-01	BUTTON, MODE	
61	X-4908-922-1	BUTTON ASSY, PAUSE	
62	X-4908-923-1	BUTTON ASSY, PLAY	
63	*4-913-156-01	RETAINER, BUTTON	
65	4-913-142-01	BUTTON, REPEAT	
66	*4-913-132-01	RETAINER, BUTTON	
67	*4-913-126-01	FILTER	
68	X-4908-932-2	(US).....PANEL ASSY	
	X-4908-934-1	(AEP/UK)...PANEL ASSY	
69	7-685-134-19	SCREW +BTP 2.6X8 TYPE2 N-S	
70	3-831-441-XX	CUSHION, SPEAKER	
71	*4-913-147-01	RETAINER (A), BASE	

No.	Part No.	Description	Remarks
72	7-685-871-01	SCREW +BVTT 3X6 (S)	
73	*4-913-146-01	RETAINER (B), BASE	
74	3-888-002-00	CUSHION, LED	
75	*3-324-837-01	CUSHION	
76	3-703-685-31	SCREW (+BV 3X8)	
77	4-913-192-11	FELT (A), ACOUSTIC ABSORBENT	
78	*4-913-188-01	FELT (C), ACOUSTIC ABSORBENT	
79	4-913-173-01	PLATE, TOP	
80	*4-913-194-01	CUSHION (A), TOP BOARD	
81	4-913-149-21	KNOB (PAUSE), T	
82	4-913-149-11	KNOB (PAUSE), T	
83	4-913-170-01	RING, FIXED	
84	7-682-549-09	SCREW +B 3X10	
85	*4-919-207-11	CUSHION, BASE RETAINER	
86	*4-913-139-01	SPACER (A), LED	
87	*4-913-141-01	HOLDER, LED	
88	*4-913-140-01	PLATE, GROUND	
89	*4-913-186-01	CUSHION, RUBBER	
90	*3-846-311-00	SPACER (D)	
903	*1-620-818-11	PC BOARD, DISPLAY	
904	*1-620-819-11	PC BOARD, REMOCON RAY CATCHER	

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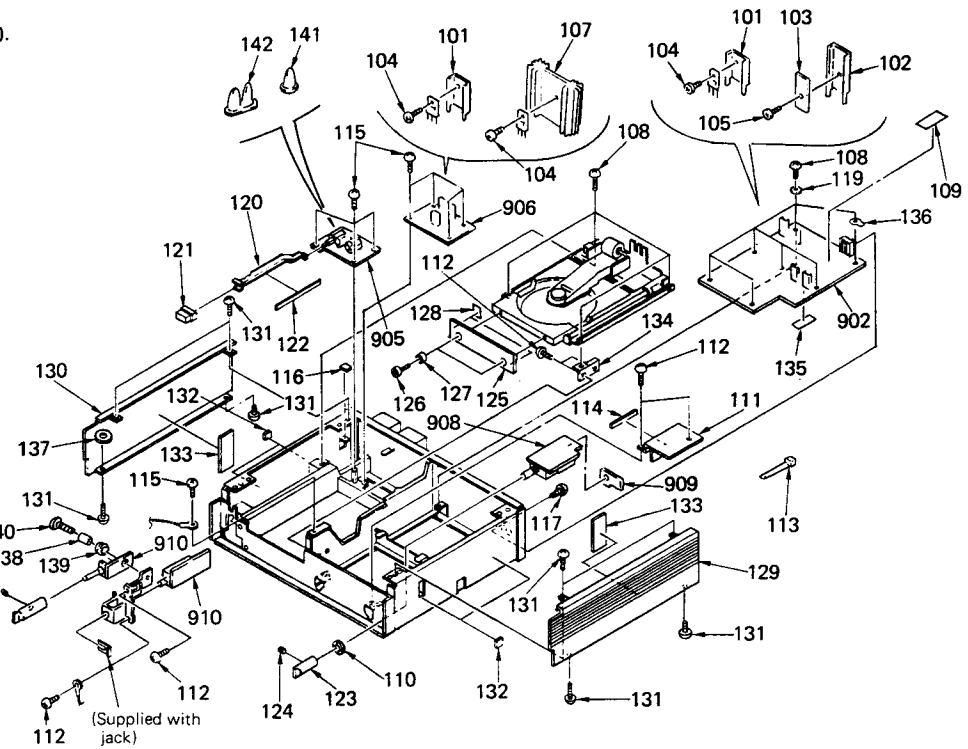
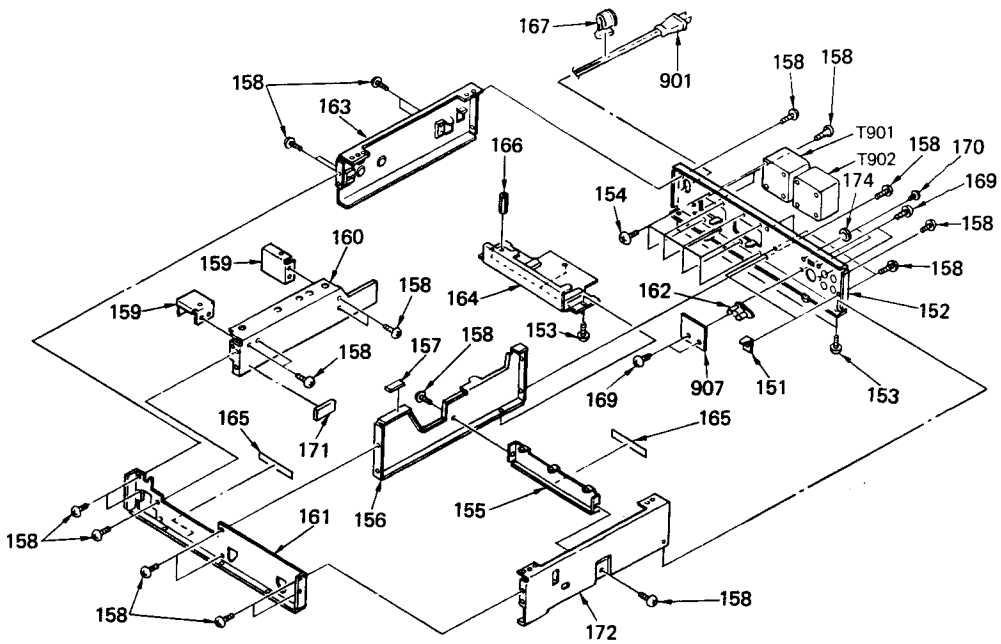


(4).

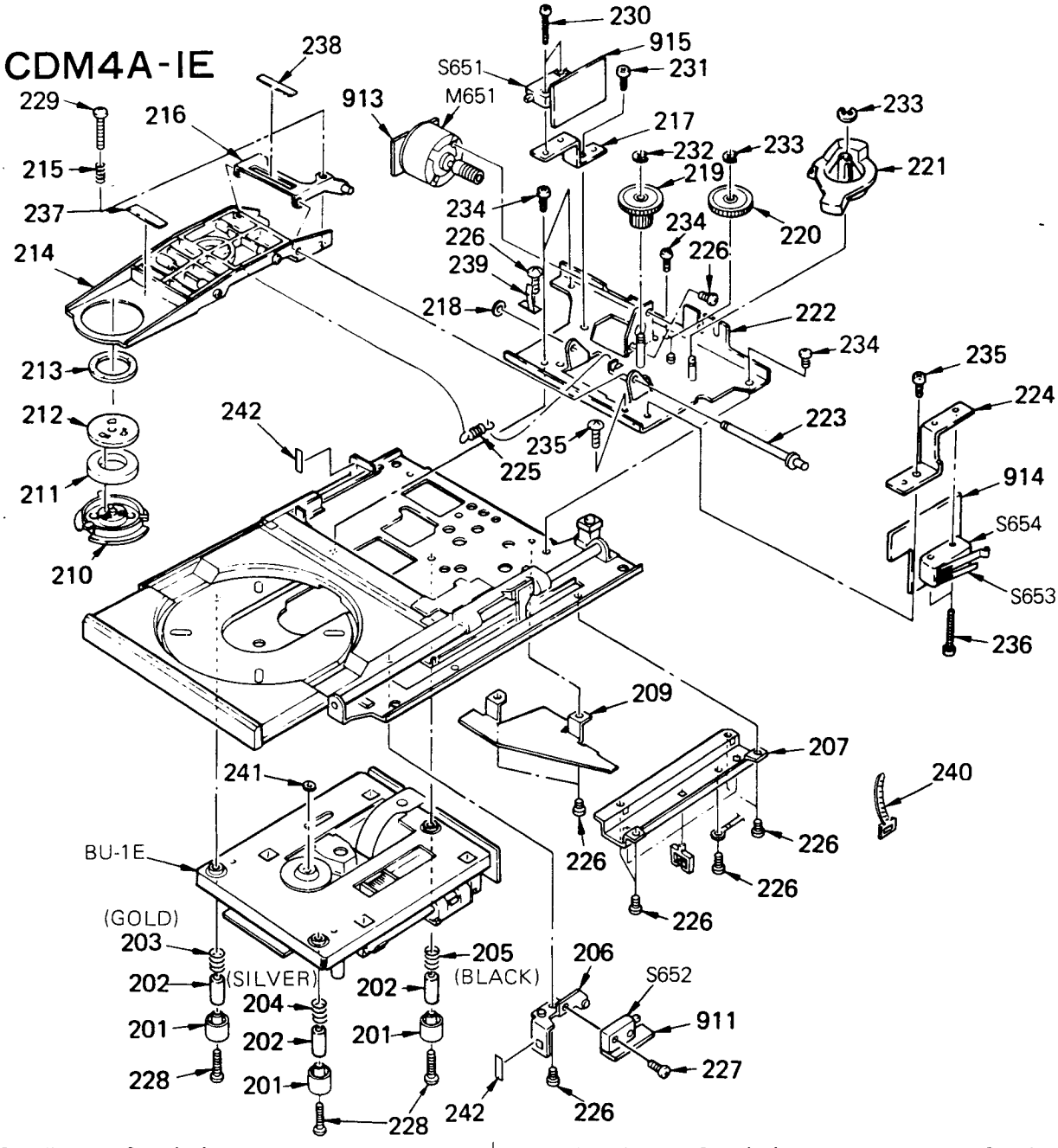


No.	Part No.	Description	Remarks
101	*3-309-144-01	HEAT SINK	
102	*4-886-555-00	HEAT SINK	
103	4-870-272-00	HEAT SINK	
104	2-259-121-00	SCREW, TR	
105	2-259-121-11	SCREW, TR	
106	4-919-215-01	BRACKET (H)	
107	*4-908-502-01	HEAT SINK	
108	7-685-752-04	SCREW +BVTT 3X8 (S)	
109	*4-909-140-01	REINFORCEMENT, MOLD	
110	4-908-963-01	NUT, SPECIAL	
111	*4-913-168-01	PLATE, SHIELD	
112	4-911-049-01	SCREW (3X8)	
113	3-655-653-21	BAND (TAITON), BINDING	
114	*4-913-197-01	CUSHION (B), CHASSIS	
115	7-685-871-01	SCREW +BVTT 3X6 (S)	
116	9-911-839-XX	RETAINER (B), MICROPHONE	
117	4-909-982-11	SCREW, TAPPING	
119	4-908-961-01	WASHER	
120	*4-917-459-01	LEVER, POWER SWITCH	
121	4-917-460-01	KNOB, POWER	
122	*4-913-190-01	DUMPER (LEVER)	
123	4-913-169-01	KNOB, VOLUME	
124	3-701-505-00	SET SCREW, DOUBLE POINT 3X3	
125	4-913-154-01	PANEL, LOADING	
126	7-683-412-05	BOLT, HEXAGON SOCKET 2.6X6	
127	4-884-635-00	BASE, ORNAMENTAL	
128	*4-912-948-01	CUSHION, LOADING PANEL	
129	4-913-172-01	PLATE (RIGHT), SIDE	
130	4-913-171-01	PLATE (LEFT), SIDE	
131	3-703-685-31	SCREW (+BV 3X8)	
132	*4-919-201-01	CUSHION (E), CHASSIS	
133	*4-913-198-01	CUSHION (C), CHASSIS	
134	*4-913-138-01	BRACKET, MD	
135	*4-919-208-01	REINFORCEMENT (B), IC	
136	4-870-539-00	PLATE GROUND	
137	3-564-542-11	WASHER, FIBER	
138	*3-661-588-00	SPACER (3X5)	
139	4-302-211-00	BUSHING, RUBBER	
140	7-685-873-01	SCREW +BVTT 3X10 (S)	
141	*4-912-962-01	COVER (1P), TERMINAL	
142	*4-912-963-01	COVER (2P), TERMINAL	
902	*A-4651-124-A	MOUNTED PCB, MAIN	
905	*1-620-820-11	PC BOARD, POWER SWITCH	
906	*1-621-022-11	PC BOARD, POWER	
908	*1-621-025-11	PC BOARD, REMOTE CONTROL VOL	
909	*1-621-026-11	PC BOARD, REMOTE CONTROL MOTOR	
910	*1-622-225-11	PC BOARD, HEADPHONE	
920	*1-622-226-11	PC BOARD, TIMER	

No.	Part No.	Description	Remarks
151	*4-913-926-11	BRACKET (LEFT), PC BOARD	
152	*4-913-123-11	(US)....PLATE, JACK	
	*4-913-123-31	(AEP)...PLATE, JACK	
	*4-913-123-41	(UK)....PLATE, JACK	
153	4-911-049-01	SCREW (3Y8)	
154	7-685-881-01	SCREW +BVTT 4X8 (S)	
155	*4-913-153-11	BRACKET, MAIN PC BOARD	
156	*4-913-160-11	CHASSIS (C)	
157	*4-913-195-01	CUSHION (B), TOP BOARD	
158	3-703-685-31	SCREW (+BV 3X8)	
159	*4-919-210-01	ANGLE (C), MD	
160	*4-913-157-11	ANGLE, MD	
161	*4-913-161-11	PANEL, SUB	
162	*4-913-152-01	ESCUTCHEON, D/O	
163	*4-913-159-11	CHASSIS (LEFT)	
164	*4-913-151-11	BRACKET, TRANSFORMER	
165	*4-913-196-01	CUSHION (A), CHASSIS	
166	*4-913-187-01	BOSS, PC BOARD STOPPER	
167	3-703-244-00	BUSHING (2104), CORD	
169	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
170	7-621-284-00	SCREW +B 2.6X4	
171	*4-919-204-01	CUSHION (F), CHASSIS	
172	*4-913-158-11	CHASSIS (RIGHT)	
173	*4-919-209-01	CUSHION (H), CHASSIS	
174	7-623-421-07	WASHER	
175	4-885-843-02	(AEP)...LABEL CAUTION, LASER	
901	⚠1-555-765-11	(AEP).....CORD, POWER	
	⚠1-556-035-11	(UK).....CORD, POWER	
	⚠1-557-577-11	(US).....CORD, POWER	
907	*1-622-227-11	PC BOARD, DIGITAL OUT	
T901	⚠1-448-882-11	(US).....TRANSFORMER, POWER	
T901	⚠1-448-884-11	(AEP/UK)...TRANSFORMER, POWER	
T902	⚠1-448-883-11	(US).....TRANSFORMER, POWER	
T902	⚠1-448-885-11	(AEP/UK)...TRANSFORMER, POWER	

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

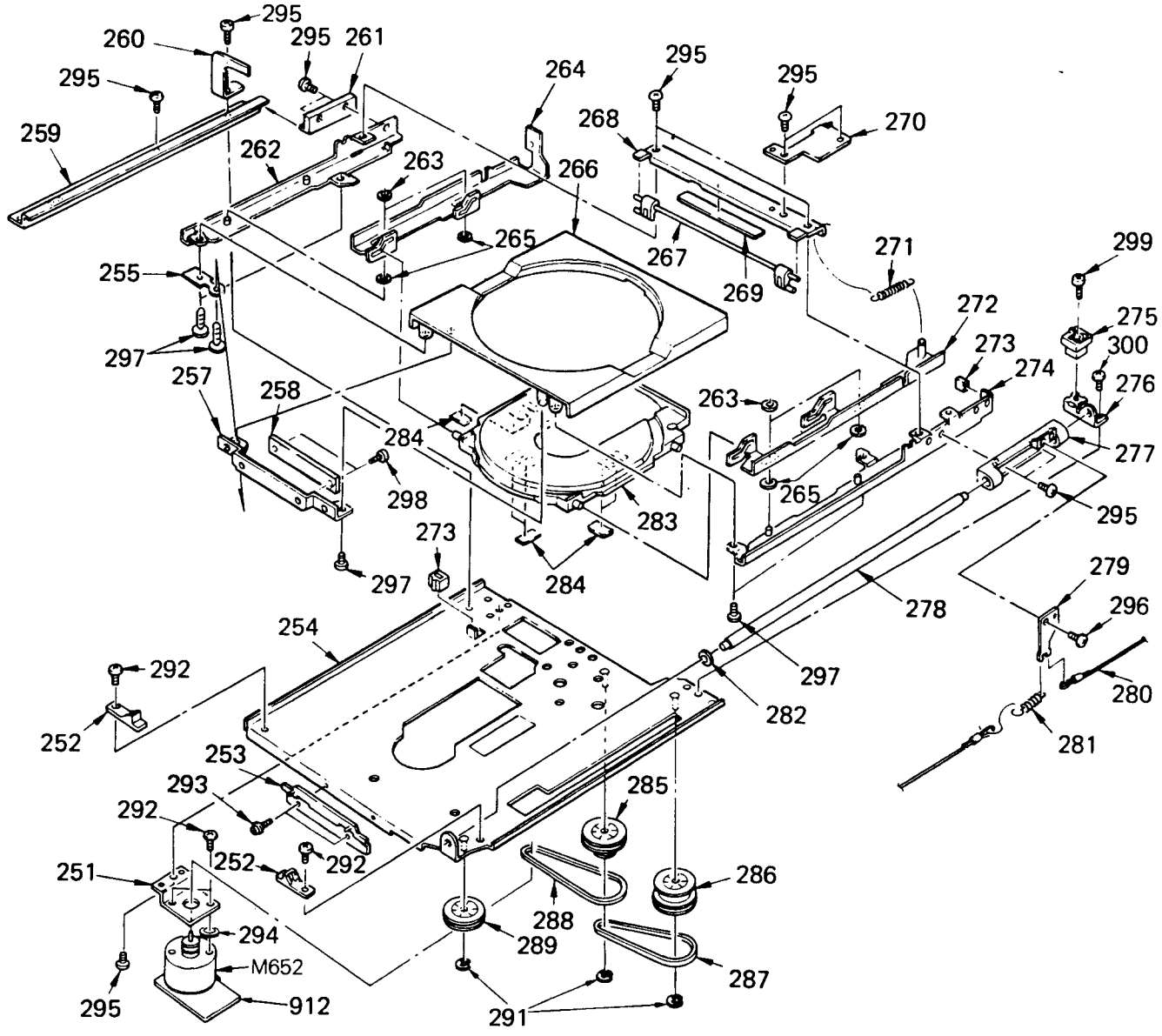
(5). CDM4A-IE



No.	Part No.	Description	Remarks
201	4-908-592-01	POLE (A), INSULATOR	
202	4-908-636-01	SPACER	
203	4-912-548-01	SPRING, COMPRESSION	
204	4-912-547-01	SPRING, COMPRESSION	
205	4-912-549-01	SPRING, COMPRESSION	
206	*4-908-541-01	BRACKET (C), SWITCH	
207	*X-4908-517-1	COVER ASSY, ROPE	
209	*4-908-597-01	COVER, BELT	
210	4-912-530-01	PULLEY, PRESS	
211	1-452-340-11	MAGNET	
212	*4-912-515-01	YOKE	
214	*X-4912-509-1	ARM ASSY, C	
215	4-908-559-01	SPRING, COMPRESSION	
216	X-4908-513-1	PLATE ASSY, ADJUSTMENT, ARM	
217	*4-912-543-01	BRACKET (D), SWITCH	
218	3-558-708-21	WASHER, STOPPER	
219	4-912-514-01	GEAR (A)	
220	4-912-525-01	GEAR (B)	
221	4-912-528-01	GEAR, CAM	
222	*X-4912-503-1	CHASSIS ASSY, SUB	
223	4-908-513-01	SHAFT, FULCRUM, C ARM	
224	*4-912-524-01	BRACKET (A), SWITCH	
225	4-908-555-01	SPRING, TENSION (C ARM)	

No.	Part No.	Description	Remarks
226	7-621-775-00	SCREW +B 2.6X3	
227	7-621-259-55	SCREW +P 2.6X8	
228	7-682-153-09	SCREW +B 3X20	
229	7-621-775-80	SCREW +B 2.6X16	
230	7-685-864-01	SCREW +BVTT 2.6X10 (S)	
231	7-682-646-09	SCREW +PS 3X5	
232	7-624-109-04	STOP RING 5.0, TYPE -E	
233	7-624-106-04	STOP RING 3.0, TYPE -E	
234	7-682-546-04	SCREW +BVTT 3X5 (S)	
235	7-682-544-09	SCREW +B 3X3	
236	7-621-257-85	SCREW +P 2.3X14	
237	*4-912-551-01	SHEET (C), DT PS	
238	*4-912-552-01	SHEET (B), DT PS	
239	*4-912-569-01	PLATE (B), GROUND	
240	3-701-748-00	CLAMP	
241	*4-912-553-01	SPACER (D)	
242	*4-913-199-01	CUSHION (D), CHASSIS	
911	*1-617-229-11	PC BOARD, LOAD OUT SW	
913	*1-617-231-11	PC BOARD, CHACKING MOTOR	
914	*1-617-232-11	PC BOARD, L.C. SWITCH	
915	*1-617-233-11	PC BOARD, IN SWITCH	
M651	X-4902-019-1	CHUCKING MOTOR ASSY	

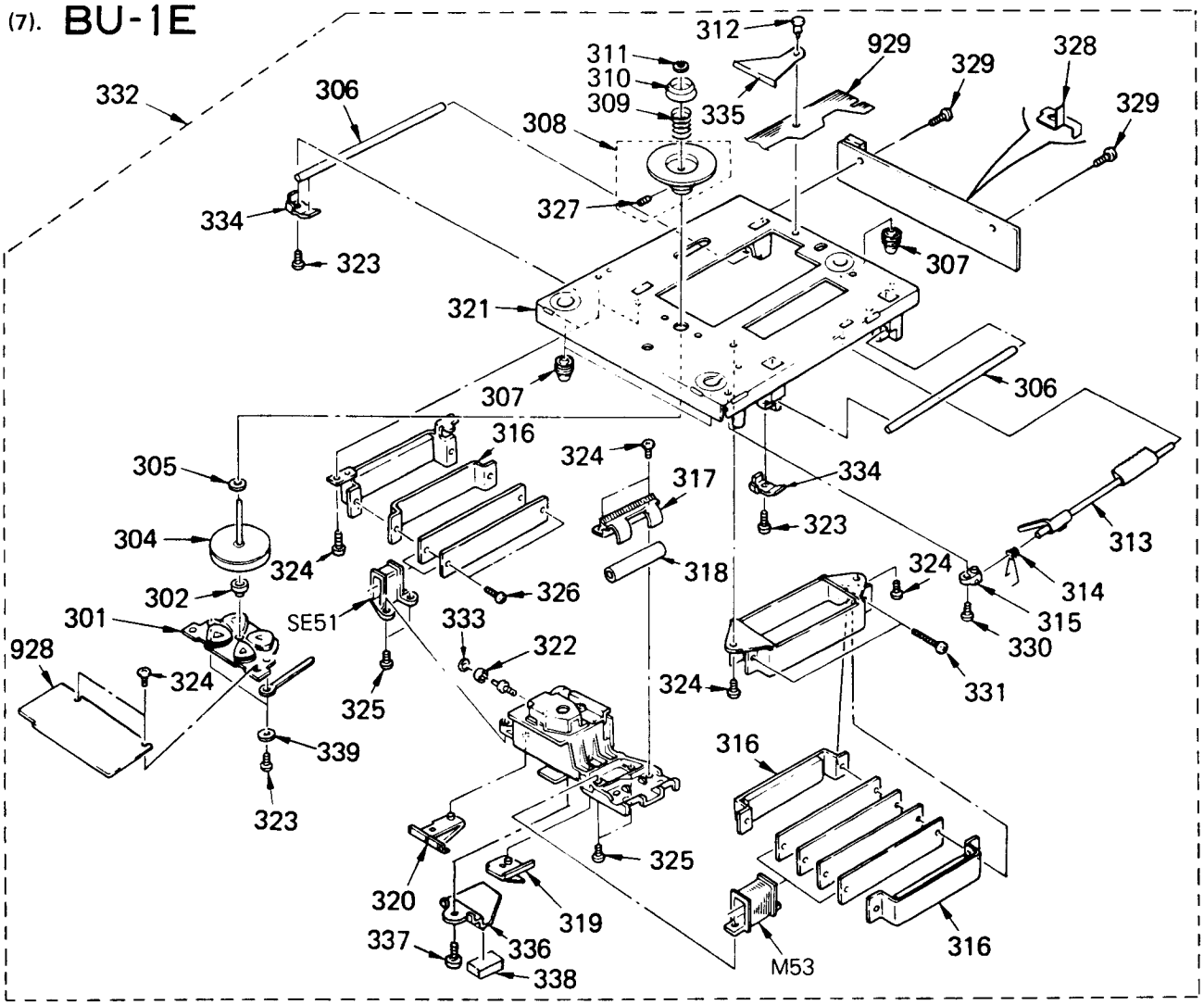
(6). CDM4A-IE



No.	Part No.	Description	Remarks
251	*4-908-523-01	BRACKET, MOTOR	
252	4-908-540-01	GUIDE, ASSIST	
253	*X-4912-508-1	BRACKET ASSY, TABLE	
254	*X-4912-507-1	CHASSIS ASSY, MECHANICAL	
255	*4-912-568-01	PLATE (A), GROUND	
257	*4-912-566-01	BRACKET, L PANEL	
258	*4-912-544-01	PLATE, FIXED	
259	*4-912-529-01	GUIDE, LOADING	
260	*4-912-527-01	RETAINER, TABLE	
261	*4-912-534-01	GUIDE, SUB	
262	*X-4912-504-1	BRACKET (LEFT) ASSY, TABLE	
263	3-558-708-21	WASHER, STOPPER	
264	*4-912-531-01	PLATE (LEFT), CAM, DISK	
265	3-701-439-11	WASHER	
266	4-908-584-03	TABLE, DISK	
267	4-908-534-01	LEVER, FUNCTION	
268	*4-912-532-01	REINFORCEMENT, TABLE	
269	*4-912-526-01	SHEET	
270	*4-912-522-01	PLATE. SW	
271	4-912-516-01	SPRING (DISK CAM), TENSION	
272	*X-4912-506-1	PLATE (RIGHT) ASSY, CAM, DISK	
273	4-887-175-00	RUBBER, STOPPER	
274	*X-4912-505-1	BRACKET (RIGHT) ASSY, TABLE	
275	*4-912-513-01	STOPPER, TABLE	
276	*4-912-519-01	RETAINER (RIGHT), SHAFT	

No.	Part No.	Description	Remarks
277	4-912-538-01	BEARING (RIGHT), GUIDE	
278	4-912-521-01	SHAFT (RIGHT), GUIDE	
279	*4-912-520-01	BRACKET, ROPE	
280	4-912-517-01	ROPE	
281	4-908-553-01	SPRING, COMPRESSION (ROPE)	
282	4-912-512-01	CUSHION (A)	
283	X-4912-511-1	PLATE ASSY, DISK	
284	*4-908-964-01	SHEET, PS, DT	
285	4-908-519-01	PULLEY (A)	
286	4-908-525-01	PULLEY (C)	
287	3-671-077-00	BELT, FF	
288	4-908-591-01	BELT, DRIVING	
289	4-908-524-01	PULLEY (B)	
291	7-624-106-04	STOP RING 3.0, TYPE -E	
292	7-621-775-00	SCREW +B 2.6X3	
293	7-621-759-60	+PSW, 2.6X8	
294	3-554-222-00	WASHER (2), CAPSTAN	
295	7-682-546-04	SCREW +BVTT 3X5 (S)	
296	7-685-132-19	SCREW +BTP 2.6X5 TYPE2 N-S	
297	7-685-646-79	SCREW +BVTP 3X8 TYPE2 SLIT	
298	7-685-791-04	SCREW +BVTT 2.6X5 (S)	
299	7-685-876-01	SCREW +BVTT 3X16 (S)	
300	7-682-646-09	SCREW +PS 3X5	
912	*1-617-230-11	PC BOARD, LOADING MOTOR	
M652	A-4608-303-A	MOTOR ASSY, LOADING	

(7). BU-1E



No.	Part No.	Description	Remarks
301	A-4675-068-A	BRACKET ASSY, MOTOR	
302	2-622-105-01	RETAINER, THRUST	
304	A-4675-069-A	ROTOR ASSY	
305	3-701-439-21	WASHER	
306	4-908-201-03	SHAFT, SLIDE	
307	4-908-593-01	INSULATOR	
308	X-4908-202-1	PULLEY ASSY, DISK	
309	4-908-213-01	SPRING, COMPRESSION	
310	4-915-217-01	CAP, CENTERING	
311	3-558-708-21	WASHER, STOPPER	
312	3-531-576-01	RIVET	
313	4-908-227-01	LEVER, LOCK	
314	4-908-230-01	SPRING	
315	4-908-220-01	HOLDER, ROD	
316	*A-4675-110-A	MAGNET ASSY, LINEAR	
317	4-908-224-01	HOLDER, BEARING	
318	4-908-221-01	BEARING	
319	4-908-225-01	RETAINER (A), LEAD	
320	4-908-219-01	RETAINER (B), LEAD	
321	*A-4675-112-A	BASE ASSY	
322	4-908-208-01	BEARING (NO-FLANGE), BALL	

No.	Part No.	Description	Remarks
323	7-685-134-19	SCREW +P 2.6X8 TYPE2 SLIT	
324	7-621-284-00	SCREW +B 2.6X4	
325	7-621-775-20	SCREW +B 2.6X5	
326	7-685-793-04	SCREW +BVTT 2.6X8 (S)	
327	7-621-734-09	SET-SCT, HEX. 2.6X3	
328	*4-908-232-01	LUG, GROUND	
329	7-685-864-01	SCREW +BVTT 2.6X10 (S)	
331	7-685-867-01	SCREW +BVTT 2.6X16 (S)	
332	X-4915-033-1	BU-1E	
333	7-624-105-04	STOP RING 2.3, TYPE -E	
334	4-908-245-01	RETAINER (C , SHAFT, SLIDE	
335	*4-908-254-01	RETAINER BOARD	
336	*4-908-255-01	SUPPORT, PC BOARD	
337	7-682-546-09	SCREW +B 3X6	
338	*4-919-205-01	CUSHION	
339	7-688-002-01	W 2.6, SMALL	
340	*4-908-269-01	CUSHION, SLIDE	
918	*1-620-663-11	PC BOARD, BSL MOTOR	
919	A-4646-215-A	MOUNTED PCB, FLEXIBLE	
M53	1-422-197-14	COIL (DRIVE)	
SE51	1-422-198-11	COIL (SENSOR)	

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 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.

ELECTRICAL PARTS

Ref.No.	Part No.	Description
901	⚠1-555-765-11	(AEP)...CORD, POWER
	⚠1-556-035-11	(UK)....CORD, POWER
	⚠1-557-577-11	(US)....CORD, POWER
902	*A-4651-124-A	MOUNTED PCB, MAIN
903	*1-620-818-11	PC BOARD, DISPLAY
904	*1-620-819-11	PC BOARD, REMOCON RAY CATCHER
905	*1-620-820-11	PC BOARD, POWER SWITCH
906	*1-621-022-11	PC BOARD, POWER
907	*1-622-227-11	PC BOARD, DIGITAL OUT
908	*1-621-025-11	PC BOARD, REMOTE CONTROL VOL
909	*1-621-026-11	PC BOARD, REMOTE CONTROL MOTOR
910	*1-622-225-11	PC BOARD, HEADPHONE
911	*1-617-229-11	PC BOARD, LOAD OUT SW
912	*1-617-230-11	PC BOARD, LOADING MOTOR
913	*1-617-231-11	PC BOARD, CHACKING MOTOR
914	*1-617-232-11	PC BOARD, L.C. SWITCH
915	*1-617-233-11	PC BOARD, IN SWITCH
918	*1-620-663-11	PC BOARD, BSL MOTOR
919	A-4646-215-A	MOUNTED PCB, FLEXIBLE
920	*1-622-226-11	PC BOARD, TIMER

C201	1-136-159-00	FILM	0.033MF	5%	50V
C202	1-126-043-11	ELECT	0.47MF	20%	50V
C203	1-162-294-31	CERAMIC	0.001MF	10%	50V
C204	1-126-049-11	ELECT	22MF	20%	50V
C205	1-130-479-00	MYLAR	0.0047MF	5%	50V
C206	1-126-048-11	ELECT	10MF	20%	50V
C207	1-126-044-11	ELECT	1MF	20%	50V
C208	1-136-168-00	FILM	0.18MF	5%	50V
C209	1-130-479-00	MYLAR	0.0047MF	5%	50V
C210	1-162-199-31	CERAMIC	10PF	5%	50V
C211	1-136-165-00	FILM	0.1MF	5%	50V
C212	1-131-368-00	TANTALUM	3.3MF	10%	16V
C214	1-136-159-00	FILM	0.033MF	5%	50V
C215	1-136-165-00	FILM	0.1MF	5%	50V
C216	1-161-379-00	CERAMIC	0.01MF	20%	16V
C217	1-161-379-00	CERAMIC	0.01MF	20%	16V
C218	1-161-379-00	CERAMIC	0.01MF	20%	16V
C219	1-161-379-00	CERAMIC	0.01MF	20%	16V
C220	1-161-379-00	CERAMIC	0.01MF	20%	16V
C221	1-136-164-00	FILM	0.082MF	5%	50V
C222	1-136-159-00	FILM	0.033MF	5%	50V
C223	1-161-379-00	CERAMIC	0.01MF	20%	16V
C224	1-130-479-00	MYLAR	0.0047MF	5%	50V
C225	1-123-335-00	ELECT	330MF	20%	25V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C226	1-123-335-00	ELECT	330MF	20%	25V
C227	1-161-375-00	CERAMIC	0.0022MF	30%	16V
C251	1-123-332-00	ELECT	47MF	20%	25V
C252	1-124-994-11	ELECT	100MF	20%	10V
C253	1-162-179-11	CERAMIC	0.1MF		50V
C256	1-162-179-11	CERAMIC	0.1MF		50V
C257	1-123-335-00	ELECT	330MF	20%	25V
C258	1-123-333-00	ELECT	100MF	20%	25V
C259	1-123-335-00	ELECT	330MF	20%	25V
C260	1-123-335-00	ELECT	330MF	20%	25V
C301	1-136-153-00	FILM	0.01MF	5%	50V
C302	1-126-043-11	ELECT	0.47MF	20%	50V
C315	1-162-294-31	CERAMIC	0.001MF	10%	50V
C323	1-162-179-11	CERAMIC	0.1MF		50V
C324	1-123-335-00	ELECT	330MF	20%	25V
C325	1-123-333-00	ELECT	100MF	20%	25V
C326	1-162-179-11	CERAMIC	0.1MF		50V
C327	1-123-335-00	ELECT	330MF	20%	25V
C328	1-162-179-11	CERAMIC	0.1MF		50V
C351	1-107-322-00	MICA	22PF	5%	500V
C352	1-107-322-00	MICA	22PF	5%	500V
C362	1-123-335-00	ELECT	330MF	20%	25V
C363	1-124-130-00	ELECT	100MF	20%	63V
C375	1-123-335-00	ELECT	330MF	20%	25V
C376	1-162-179-11	CERAMIC	0.1MF		50V
C377	1-161-974-00	CERAMIC	0.1MF	20%	16V
C390	1-124-994-41	ELECT	100MF	20%	10V
C391	1-124-994-41	ELECT	100MF	20%	10V
C392	1-161-379-00	CERAMIC	0.01MF	20%	16V
C393	1-161-379-00	CERAMIC	0.01MF	20%	16V
C401	1-104-294-11	POLYSTYRENE	470PF	5%	50V
C406	1-162-294-31	CERAMIC	0.001MF	10%	50V
C407	1-162-294-31	CERAMIC	0.001MF	10%	50V
C411	1-136-165-00	FILM	0.1MF	5%	50V
C412	1-136-165-00	FILM	0.1MF	5%	50V
C413	1-136-165-00	FILM	0.1MF	5%	50V
C414	1-136-165-00	FILM	0.1MF	5%	50V
C415	1-136-165-00	FILM	0.1MF	5%	50V
C416	1-136-165-00	FILM	0.1MF	5%	50V
C417	1-136-165-00	FILM	0.1MF	5%	50V
C418	1-136-256-11	FILM	0.0033MF	3%	100V
C419	1-130-892-00	FILM	0.015MF	3%	100V
C420	1-130-848-00	FILM	0.0082MF	3%	100V
C421	1-107-317-00	MICA	33PF	5%	500V
C422	1-130-967-00	FILM	0.0027MF	3%	100V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C423	1-130-967-00	FILM	0.0027MF	3%	100V
C424	1-136-230-00	FILM	0.0022MF	3%	100V
C425	1-107-309-00	MICA	100PF	5%	500V
C426	1-126-164-51	ELECT	100MF	20%	100V
C428	1-124-484-11	ELECT	220MF	20%	35V
C430	1-124-484-11	ELECT	220MF	20%	35V
C431	1-107-322-00	MICA	22PF	5%	500V
C432	1-136-250-11	FILM	0.001MF	3%	100V
C433	1-107-277-00	MICA	5PF	0.5PF	100V
C439	1-162-290-31	CERAMIC	470PF	10%	50V
C480	1-124-688-31	ELECT	470MF	20%	16V
C481	1-162-179-11	CERAMIC	0.1MF		50V
C482	1-124-724-31	ELECT	47MF	20%	50V
C483	1-130-955-00	FILM	0.01MF	3%	100V
C484	1-161-494-00	CERAMIC	0.022MF		25V
C485	1-161-974-00	CERAMIC	0.1MF	20%	16V
C486	1-162-282-31	CERAMIC	100PF	10%	50V
C501	1-123-335-00	ELECT	330MF	20%	25V
C502	1-123-335-00	ELECT	330MF	20%	25V
C503	1-124-929-11	ELECT	22MF	20%	63V
C504	1-124-929-11	ELECT	22MF	20%	63V
C511	1-136-165-00	FILM	0.1MF	5%	50V
C512	1-136-165-00	FILM	0.1MF	5%	50V
C513	1-136-165-00	FILM	0.1MF	5%	50V
C514	1-136-165-00	FILM	0.1MF	5%	50V
C515	1-136-165-00	FILM	0.1MF	5%	50V
C516	1-136-165-00	FILM	0.1MF	5%	50V
C517	1-136-165-00	FILM	0.1MF	5%	50V
C518	1-136-256-11	FILM	0.0033MF	3%	100V
C519	1-130-892-00	FILM	0.015MF	3%	100V
C520	1-130-848-00	FILM	0.0082MF	3%	100V
C521	1-107-317-00	MICA	33PF	5%	500V
C522	1-130-967-00	FILM	0.0027MF	3%	100V
C523	1-130-967-00	FILM	0.0027MF	3%	100V
C524	1-136-230-00	FILM	0.0022MF	3%	100V
C525	1-107-309-00	MICA	100PF	5%	500V
C526	1-126-164-51	ELECT	100MF	20%	100V
C528	1-124-484-11	ELECT	220MF	20%	35V
C530	1-124-484-11	ELECT	220MF	20%	35V
C531	1-107-322-00	MICA	22PF	5%	500V
C532	1-136-250-11	FILM	0.001MF	3%	100V
C533	1-107-277-00	MICA	5PF	0.5PF	100V
C534	1-162-290-31	CERAMIC	470PF	10%	50V
C701	1-162-179-11	CERAMIC	0.1MF		50V
C702	1-162-179-11	CERAMIC	0.1MF		50V
C703	1-162-179-11	CERAMIC	0.1MF		50V
C710	1-124-225-00	ELECT	100MF	20%	6.3V
C800	1-136-165-00	FILM	0.1MF	5%	50V
C801	1-130-673-00	FILM	3.3MF	10%	125V
C802	1-126-129-11	ELECT	6800MF	20%	35V
C803	1-126-129-11	ELECT	6800MF	20%	35V
C804	1-124-130-00	ELECT	100MF	20%	63V
C806	1-107-322-00	MICA	22PF	5%	500V
C807	1-123-378-00	ELECT	1000MF	20%	63V
C808	1-123-334-00	ELECT	220MF	20%	25V
C814	1-124-130-00	ELECT	100MF	20%	63V
C816	1-107-322-00	MICA	22PF	5%	500V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C817	1-123-378-00	ELECT	1000MF	20%	63V
C818	1-123-334-00	ELECT	220MF	20%	25V
C819	1-124-738-41	ELECT	220MF	20%	63V
C820-1	1-124-738-41	ELECT	220MF	20%	63V
C820-2	1-131-450-00	TANTALUM	1MF	20%	50V
C821	1-131-450-00	TANTALUM	1MF	20%	50V
C822	1-123-369-00	ELECT	4.7MF	20%	63V
C823	1-123-369-00	ELECT	4.7MF	20%	63V
C850	1-126-122-11	ELECT	12000MF	20%	16V
C851	1-124-636-00	ELECT	3300MF	20%	25V
C852	1-136-173-00	FILM	0.47MF	5%	50V
C853	1-126-048-11	ELECT	10MF	20%	50V
C854	1-126-038-11	ELECT	330MF	20%	35V
C855	1-126-038-11	ELECT	330MF	20%	35V
C856	1-126-047-11	ELECT	4.7MF	20%	50V
C857	1-124-997-11	ELECT	470MF	20%	10V
C858	1-125-367-11	CAP,DOUBLE LAYERS 0.1F			5.5V
C859	1-136-157-00	FILM	0.022MF	5%	50V
C860	1-130-673-00	FILM	3.3MF	10%	125V
C861	1-136-165-00	FILM	0.1MF	5%	50V
C864	1-126-053-11	ELECT	220MF	20%	50V
C865	1-126-053-11	ELECT	220MF	20%	50V
C866	1-126-038-11	ELECT	330MF	20%	35V
C900	1-126-017-11	ELECT	6800MF	20%	16V
△C901-1	1-161-744-00	CERAMIC	0.01MF		400V
C901-2	1-124-636-00	ELECT	3300MF	20%	25V
C902	1-161-744-00	CERAMIC	0.01MF		400V
C903	1-161-744-00	(US)...CERAMIC	0.01MF		400V
C904	1-161-742-00	(555ESD)...CERAMIC	0.022MF	20%	400V
C905	1-161-742-00	(555ESD)...CERAMIC	0.022MF	20%	400V
C906	1-161-742-00	(555ESD)...CERAMIC	0.022MF	20%	400V
C907	1-161-742-00	(555ESD)...CERAMIC	0.022MF	20%	400V
C908	1-161-742-00	(555ESD)...CERAMIC	0.022MF	20%	400V
C909	1-161-742-00	(555ESD)...CERAMIC	0.022MF	20%	400V

CNP200*1-564-709-11	PIN, CONNECTOR (SMALL TYPE) 7P
CNP201*1-564-710-11	PIN, CONNECTOR (SMALL TYPE) 8P
CNP202*1-564-506-11	PLUG, CONNECTOR 3P
CNP203*1-564-706-31	PIN, CONNECTOR (SMALL TYPE) 4P
CNP300*1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P
CNP301*1-564-509-11	PLUG, CONNECTOR 6P
CNP302*1-506-503-11	PIN, CONNECTOR 9P
CNP303*1-564-508-11	PLUG, CONNECTOR 5P
CNP304*1-564-337-00	PIN, CONNECTOR 3P
CNP305*1-564-337-00	PIN, CONNECTOR 3P
CNP306*1-564-338-00	PIN, CONNECTOR 4P
CNP307*1-564-336-00	PIN, CONNECTOR 2P
CNP390*1-564-497-11	PIN, CONNECTOR 4P
CNP391*1-564-507-41	PLUG, CONNECTOR 4P
CNP392*1-564-507-21	PLUG, CONNECTOR 4P
CNP400*1-564-507-41	PLUG, CONNECTOR 4P
CNP401*1-564-507-21	PLUG, CONNECTOR 4P
CNP402*1-564-507-11	PLUG, CONNECTOR 4P
CNP480*1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P
CNP481*1-564-505-11	PLUG, CONNECTOR 2P
CNP482*1-564-705-11	PIN, CONNECTOR (SMALL TYPE) 3P

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

ELECTRICAL PARTS

Ref.No.	Part No.	Description
CNP500	*1-564-507-11	PLUG, CONNECTOR 4P
CNP705	*1-564-496-11	PIN, CONNECTOR 3P
CNP800	*1-535-116-00	TERMINAL
CNP801	*1-535-116-00	TERMINAL
CNP802	*1-535-116-00	TERMINAL
CNP802	*1-535-116-00	TERMINAL
CNP850	*1-564-341-11	PIN, CONNECTOR 7P
CP700	1-232-967-11	COMPOSITION CIRCUIT BLOCK
D200	8-719-940-76	DIODE 1SS132
D302	8-719-940-76	DIODE 1SS132
D303	8-719-940-76	DIODE 1SS132
D304	8-719-940-76	DIODE 1SS132
D305	8-719-940-76	DIODE 1SS132
D307	8-719-940-76	DIODE 1SS132
D390	8-719-200-23	DIODE 11E2
D700	8-719-939-87	DIODE VR3638S
D701	8-719-939-85	DIODE AY3638S
D702	8-719-939-84	DIODE PG3422SY-1
D703	8-719-907-75	DIODE AA5534S
D704	8-719-921-05	DIODE EBG5534S
D705	8-719-940-76	DIODE 1SS132
D800	8-719-200-68	DIODE C10P20FU
D801	8-719-200-69	DIODE C10P20FUR
D810	8-719-224-11	DIODE 10YD2.4A
D811	8-719-902-87	DIODE EQB01-08Q
D812	8-719-224-11	DIODE 10YD2.4A
D816	8-719-902-87	DIODE EQB01-08Q
D870	8-719-200-23	DIODE 11E2
D871	8-719-200-23	DIODE 11E2
D872	8-719-200-23	DIODE 11E2
D873	8-719-200-23	DIODE 11E2
D874	8-719-940-76	DIODE 1SS132
D875	8-719-940-76	DIODE 1SS132
D876	8-719-200-31	DIODE 21DQ05
D877	8-719-200-31	DIODE 21DQ05
D878	8-719-200-31	DIODE 21DQ05
D879	8-719-200-31	DIODE 21DQ05
D882	8-719-934-22	DIODE HZS30-2L
D883	8-719-933-50	DIODE HZS7C2L
D884	8-719-940-76	DIODE 1SS132
D885	8-719-940-76	DIODE 1SS132
D890	8-719-210-12	DIODE 10DF2-TA2
IC201	8-752-030-94	IC CXA1082Q
IC202	8-759-202-01	IC TA7256P
IC203	8-759-202-01	IC TA7256P
IC301	8-752-322-04	IC CXD1125Q
IC302	8-759-910-36	IC MSM5128-20GS
IC303	8-759-940-64	IC MSM6404A-181RS
IC304	8-759-804-47	IC LC6523H-3270
IC305	8-759-202-12	IC TC74HC02P
IC307	8-759-939-35	IC CXD1088Q
IC308	8-719-939-51	MCA11G2
IC309	8-719-939-51	MCA11G2
IC310	8-759-202-14	IC TC74HC08P
IC390	8-759-600-24	IC M54543L
IC401	8-759-939-94	IC TDA1541-N5
IC402	8-759-000-99	IC MC74HC74N
IC403	8-759-202-74	IC TC74HC04P

ELECTRICAL PARTS

Ref.No.	Part No.	Description
IC410	8-759-603-97	IC M5240PS
IC411	8-759-701-21	IC NJM5532D-D
IC412	8-759-905-42	IC NE5534P
IC413	8-759-701-21	IC NJM5532D-D
IC480	8-759-202-13	IC TC74HCU04P
IC511	8-759-701-21	IC NJM5532D-D
IC512	8-759-905-42	IC NE5534P
IC700	8-752-801-26	IC CXP5016M-178S
IC710	8-749-900-36	IC BX-1393
IC800	8-759-170-12	IC UPC78M12H
IC801	8-759-700-51	IC NJM7805A
IC802	8-759-700-51	IC NJM7805A
IC811	8-759-700-28	IC NJM7905A
IC812	8-759-700-24	IC NJM79M12A
IC852	8-759-700-51	IC NJM7805A
IC853	8-759-604-02	IC M5278L56
IC862	8-759-700-28	IC NJM7905A
J400	1-563-966-11	JACK, PIN 4P
J480	1-507-567-71	JACK, PIN 1P
J501	1-507-863-21	JACK, LARGE TYPE (HEADPHONES)
L350	1-408-684-00	(US)...MICRO INDUCTOR 1.2MMH
L901 ⚠	1-421-340-00	(AEP/UK)...LINE FILTER
L901 ⚠	1-421-395-00	(US)...COIL, LINE FILTER
LP901	*1-535-476-11	TERMINAL
LP902	*1-535-476-11	TERMINAL
LP903	*1-535-139-00	BASE POST 22MM (10MM PITCH) 2P
LP904	1-535-139-00	(AEP/UK)..BASE POST 22MM(10MM PITCH) 2P
M53	1-422-197-14	COIL (DRIVE)
M651	X-4902-019-1	CHUCKING MOTOR ASSY
M652	A-4608-303-A	MOTOR ASSY, LOADING
ND701	1-519-412-11	INDICATOR TUBE, FLUORESCENT
PS200	1-532-675-00	(AEP/UK)...LINK, IC
PS201	1-532-675-00	(AEP/UK)...LINK, IC
PS801	1-532-679-00	(AEP/UK)...LINK, IC
PS802	1-532-679-00	(AEP/UK)...LINK, IC
PS803	1-532-679-00	(AEP/UK)...LINK, IC
PS851 ⚠	1-532-675-00	(AEP/UK)...LINK, IC
Q200	8-729-900-61	TRANSISTOR DTA114ES
Q201	8-729-900-80	TRANSISTOR DTC114ES
Q202	8-729-900-80	TRANSISTOR DTC144ES
Q203	8-729-245-82	TRANSISTOR 2SC2458-Y
Q204	8-729-900-61	TRANSISTOR DTA114ES
Q301	8-729-245-82	TRANSISTOR 2SC2458-Y
Q302	8-729-900-80	TRANSISTOR DTA114ES
Q303	8-729-900-80	TRANSISTOR DTC114ES
Q700	8-729-900-80	TRANSISTOR DTC114ES
Q701	8-729-900-80	TRANSISTOR DTC114ES
Q702	8-729-900-80	TRANSISTOR DTC114ES
Q703	8-729-900-80	TRANSISTOR DTC114ES
Q704	8-729-900-80	TRANSISTOR DTC114ES
Q800	8-729-113-82	TRANSISTOR 2SA1138-E
Q801	8-729-167-62	TRANSISTOR 2SC2676-E
Q802	8-729-127-53	TRANSISTOR 2SC2275-P
Q803	8-729-167-62	TRANSISTOR 2SC2676-E
Q810	8-729-167-62	TRANSISTOR 2SC2676-E

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ELECTRICAL PARTS

Ref.No.	Part No.	Description			
Q811	8-729-113-82	TRANSISTOR 2SA1138-E			
Q812	8-729-118-53	TRANSISTOR 2SA985-P			
Q813	8-729-113-82	TRANSISTOR 2SA1138-E			
Q861	8-729-245-82	TRANSISTOR 2SC2458-Y			
Q864	8-729-103-43	TRANSISTOR 2SB734-2			
Q865	8-729-245-82	TRANSISTOR 2SC2458-Y			
Q866	8-729-204-83	TRANSISTOR 2SA1048			
R200	1-249-441-11	CARBON	100K	5%	1/6W
R201	1-215-493-00	CARBON	1M	5%	1/6W
R202	1-215-452-00	CARBON	20K	5%	1/6W
R203	1-249-441-11	CARBON	100K	5%	1/6W
R204	1-215-435-00	METAL	3.9K	1%	1/6W
R205	1-215-471-00	CARBON	120K	5%	1/6W
R206	1-249-429-11	CARBON	10K	5%	1/6W
R207	1-249-433-11	CARBON	22K	5%	1/6W
R208	1-249-429-11	CARBON	10K	5%	1/6W
R210	1-249-425-11	CARBON	4.7K	5%	1/6W
R211	1-247-880-00	CARBON	110K	5%	1/6W
R212	1-215-491-00	CARBON	820K	5%	1/6W
R213	1-249-441-11	CARBON	100K	5%	1/6W
R214	1-215-466-00	CARBON	75K	5%	1/6W
R215	1-215-471-00	CARBON	120K	5%	1/6W
R216	1-215-471-00	CARBON	120K	5%	1/6W
R217	1-247-885-00	CARBON	180K	5%	1/6W
R218	1-249-405-11	CARBON	100	5%	1/6W
R219	1-247-885-00	CARBON	180K	5%	1/6W
R220	1-249-405-11	CARBON	100	5%	1/6W
R221	1-249-405-11	CARBON	100	5%	1/6W
R222	1-247-864-00	CARBON	24K	5%	1/6W
R223	1-249-439-11	CARBON	68K	5%	1/6W
R224	1-249-432-11	CARBON	18K	5%	1/6W
R225	1-249-405-11	CARBON	100	5%	1/6W
R226	1-215-486-00	CARBON	510K	5%	1/6W
R227	1-249-429-11	CARBON	10K	5%	1/6W
R228	1-249-429-11	CARBON	10K	5%	1/6W
R229	1-249-429-11	CARBON	10K	5%	1/6W
R230	1-249-441-11	CARBON	100K	5%	1/6W
R231	1-249-417-11	CARBON	1K	5%	1/6W
R244	1-249-417-11	CARBON	1K	5%	1/6W
R301	1-249-429-11	CARBON	10K	5%	1/6W
R302	1-249-441-11	CARBON	100K	5%	1/6W
R303	1-249-437-11	CARBON	47K	5%	1/6W
R304	1-215-481-00	CARBON	330K	5%	1/6W
R305	1-215-493-00	CARBON	1M	5%	1/6W
R307	1-215-469-00	METAL	100K	1%	1/6W
R308	1-215-469-00	METAL	100K	1%	1/6W
R310	1-249-417-11	CARBON	1K	5%	1/6W
R311	1-249-413-11	CARBON	470	5%	1/6W
R312	1-249-405-11	CARBON	100	5%	1/6W
R350	1-249-417-11	CARBON	1K	5%	1/6W
R351	1-249-413-11	CARBON	470	5%	1/6W
R352	1-249-745-11	CARBON	1M		1/2W
R356	1-249-417-11	CARBON	1K	5%	1/6W
R360	1-249-417-11	CARBON	1K	5%	1/6W
R361	1-249-425-11	CARBON	4.7K	5%	1/6W
R362	1-249-417-11	CARBON	1K	5%	1/6W
R363	1-249-405-11	CARBON	100	5%	1/6W
R364	1-249-413-11	CARBON	470	5%	1/6W

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R365	1-249-417-11	CARBON	1K	5%	1/6W
R366	1-249-413-11	CARBON	470	5%	1/6W
R402	1-249-433-11	CARBON	22K	5%	1/6W
R403	1-249-425-11	CARBON	4.7K	5%	1/6W
R411	1-259-022-11	CARBON	1.5K	1%	1/2W
R412	1-247-713-11	CARBON	1K	1%	1/4W
R413	1-246-545-00	CARBON	1M	1%	1/4W
R414	1-259-040-11	CARBON	1.8K	1%	1/2W
R415	1-249-929-11	CARBON	1.8K	1%	1/4W
R416	1-249-929-11	CARBON	1.8K	1%	1/4W
R417	1-249-929-11	CARBON	1.8K	1%	1/4W
R418	1-247-739-11	CARBON	100	2%	1/2W
R419	1-249-983-91	CARBON	330K	1%	1/4W
R420	1-259-025-11	CARBON	470	1%	1/2W
R421	1-247-700-11	CARBON	100	1%	1/4W
R422	1-249-465-11	CARBON	47K	1%	1/4W
R423	1-249-465-11	CARBON	47K	1%	1/4W
R424	1-247-721-11	CARBON	4.7K	1%	1/4W
R425	1-249-951-11	CARBON	15K	1%	1/4W
R426	1-247-700-11	CARBON	100	1%	1/4W
R427	1-249-983-11	CARBON	330K	1%	1/4W
R428	1-249-915-11	CARBON	470	1%	1/4W
R429	1-249-909-11	CARBON	270	1%	1/4W
R430	1-247-700-11	CARBON	100	1%	1/4W
R480	1-249-896-11	CARBON	75	1%	1/4W
R481	1-249-405-11	CARBON	100	5%	1/6W
R511	1-259-022-11	CARBON	1.5K	1%	1/2W
R512	1-247-713-11	CARBON	1K	1%	1/4W
R513	1-246-545-00	CARBON	1M	1%	1/4W
R514	1-259-040-11	CARBON	1.8K	1%	1/2W
R515	1-249-929-11	CARBON	1.8K	1%	1/4W
R516	1-249-929-11	CARBON	1.8K	1%	1/4W
R517	1-249-929-11	CARBON	1.8K	1%	1/4W
R518	1-247-739-11	CARBON	100	2%	1/2W
R519	1-249-983-11	CARBON	330K	1%	1/4W
R520	1-259-025-91	CARBON	470	1%	1/2W
R521	1-247-700-11	CARBON	100	1%	1/4W
R522	1-249-465-11	CARBON	47K	1%	1/4W
R523	1-249-465-11	CARBON	47K	1%	1/4W
R524	1-247-721-11	CARBON	4.7K	1%	1/4W
R525	1-249-951-11	CARBON	15K	1%	1/4W
R526	1-247-700-11	CARBON	100	1%	1/4W
R527	1-249-983-11	CARBON	330K	1%	1/4W
R528	1-249-915-11	CARBON	470	1%	1/4W
R529	1-249-909-11	CARBON	270	1%	1/4W
R530	1-247-700-11	CARBON	100	1%	1/4W
R703	1-249-433-11	CARBON	22K	5%	1/6W
R704	1-249-433-11	CARBON	22K	5%	1/6W
R705	1-247-818-00	CARBON	300	5%	1/6W
R706	1-249-406-11	CARBON	120	5%	1/6W
R707	1-249-405-11	CARBON	100	5%	1/6W
R708	1-249-409-11	CARBON	220	5%	1/6W
R709	1-249-407-11	CARBON	150	5%	1/6W
R710	1-249-441-11	CARBON	100K	5%	1/6W
R711	1-249-441-11	CARBON	100K	5%	1/6W
R800	⚠ 1-217-434-00	FUSIBLE	10	5%	1/2W F
R801	1-249-789-11	CARBON	300	1%	1/2W

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			
R802	1-249-796-11	CARBON	560	1%	1/2W
R803	1-249-814-11	CARBON	3.3K	1%	1/2W
R804	1-259-038-11	CARBON	680	1%	1/2W
R805	1-259-039-11	CARBON	820	1%	1/2W
R806	1-249-844-11	CARBON	56K	1%	1/2W
R811	1-249-789-11	CARBON	300	1%	1/2W
R812	1-249-796-11	CARBON	560	1%	1/2W
R813	1-249-814-11	CARBON	3.3K	1%	1/2W
R814	1-259-038-11	CARBON	680	1%	1/2W
R815	1-259-039-11	CARBON	820	1%	1/2W
R816	1-249-844-11	CARBON	56K	1%	1/2W
R820 ⚠	1-212-960-00	(AEP/UK)...FUSIBLE	12	5%	1/2W F
R820	1-249-756-11	(US).....CARBON	12	1%	1/2W
R830 ⚠	1-212-960-00	(AEP/UK)...FUSIBLE	12	5%	1/2W F
R830	1-249-756-11	(US).....CARBON	12	1%	1/2W
R840	1-247-700-11	CARBON	100	1%	1/4W
R841	1-247-700-11	CARBON	100	1%	1/4W
R842	1-247-700-11	CARBON	100	1%	1/4W
R843	1-247-700-11	CARBON	100	1%	1/4W
R852 ⚠	1-212-954-11	FUSIBLE	6.8	5%	1/2W
R853	1-249-433-11	CARBON	22K	5%	1/6W
R854	1-249-435-11	CARBON	33K	5%	1/6W
R855	1-215-471-00	CARBON	120K	5%	1/6W
R856	1-249-432-11	CARBON	18K	5%	1/6W
R857	1-249-430-11	CARBON	12K	5%	1/6W
R858	1-249-429-11	CARBON	10K	5%	1/6W
R859	1-249-441-11	CARBON	100K	5%	1/6W
R860	1-249-441-11	CARBON	100K	5%	1/6W
R861	1-249-405-11	CARBON	100	5%	1/6W
R862	1-249-435-11	CARBON	33K	5%	1/6W
R863	1-249-429-11	CARBON	10K	5%	1/6W
RV201	1-228-990-00	RES, ADJ, METAL GLAZE 1K			
RV202	1-228-995-00	RES, ADJ, METAL GLAZE 22K			
RV203	1-228-995-00	RES, ADJ, METAL GLAZE 22K			
RV400	1-237-081-11	RES, VAR CARBON 10K/10K (LINE OUT PHONE LEVEL)			
RV500	1-237-081-11	RES, VAR, CARBON 10K/10K (LINE OUT PHONE LEVEL)			
RY1	1-515-642-11	RELAY			
RY2	1-515-642-11	RELAY			
RY3	1-515-642-11	RELAY			
RY5	1-515-642-11	RELAY			
S310	1-570-908-11	SWITCH, ROTARY (TIMER)			
S480	1-516-778-XX	SWITCH, SLIDE (DIGITAL OUT)			
S700	1-554-303-21	SWITCH, KEY BOARD (1)			
S701	1-554-303-21	SWITCH, KEY BOARD (2)			
S702	1-554-303-21	SWITCH, KEY BOARD (3)			
S703	1-554-303-21	SWITCH, KEY BOARD (4)			
S704	1-554-303-21	SWITCH, KEY BOARD (5)			
S705	1-554-303-21	SWITCH, KEY BOARD (▶)			
S706	1-554-303-21	SWITCH, KEY BOARD (▲)			
S708	1-554-303-21	SWITCH, KEY BOARD (6)			
S709	1-554-303-21	SWITCH, KEY BOARD (7)			
S710	1-554-303-21	SWITCH, KEY BOARD (8)			
S711	1-554-303-21	SWITCH, KEY BOARD (9)			
S712	1-554-303-21	SWITCH, KEY BOARD (10)			
S713	1-554-303-21	SWITCH, KEY BOARD (■)			
S714	1-554-303-21	SWITCH, KEY BOARD (A↔B)			

ELECTRICAL PARTS

Ref.No.	Part No.	Description
S716	1-554-303-21	SWITCH, KEY BOARD (11)
S717	1-554-303-21	SWITCH, KEY BOARD (12)
S718	1-554-303-21	SWITCH, KEY BOARD (13)
S719	1-554-303-21	SWITCH, KEY BOARD (14)
S720	1-554-303-21	SWITCH, KEY BOARD (15)
S721	1-554-303-21	SWITCH, KEY BOARD (■)
S722	1-554-303-21	SWITCH, KEY BOARD (DISPLAY)
S724	1-554-303-21	SWITCH, KEY BOARD (16)
S725	1-554-303-21	SWITCH, KEY BOARD (17)
S726	1-554-303-21	SWITCH, KEY BOARD (18)
S727	1-554-303-21	SWITCH, KEY BOARD (19)
S728	1-554-303-21	SWITCH, KEY BOARD (20)
S729	1-554-303-21	SWITCH, KEY BOARD (PROGRAM)
S730	1-554-303-21	SWITCH, KEY BOARD (SHUFFLE)
S732	1-554-303-21	SWITCH, KEY BOARD (+10)
S733	1-554-303-21	SWITCH, KEY BOARD (0)
S734	1-554-303-21	SWITCH, KEY BOARD (CHECK)
S735	1-554-303-21	SWITCH, KEY BOARD (CLEAR)
S736	1-554-303-21	SWITCH, KEY BOARD (CONTINUE)
S737	1-554-303-21	SWITCH, KEY BOARD (SINGLE)
S738	1-554-303-21	SWITCH, KEY BOARD (REPEAT)
S739	1-554-303-21	SWITCH, KEY BOARD (COUNT)
S740	1-554-303-21	SWITCH, KEY BOARD (|◀◀)
S741	1-554-303-21	SWITCH, KEY BOARD (▶▶|)
S742	1-554-303-21	SWITCH, KEY BOARD (◀——)
S743	1-554-303-21	SWITCH, KEY BOARD (——▶)
S744	1-554-303-21	SWITCH, KEY BOARD (◀◀)
S745	1-554-303-21	SWITCH, KEY BOARD (▶▶)
S746	1-554-303-21	SWITCH, KEY BOARD (AUTO PAUSE)
S747	1-554-303-21	SWITCH, KEY BOARD (AUTO SPACE)
S901	1-553-318-00	SWITCH, PUSH (AC POWER)(1 KEY)
SE51	1-422-198-11	COIL (SENSOR)
T480	1-459-587-11	COIL (WITH CORE)
T901 ⚠	1-448-882-11	(US).....TRANSFORMER, POWER
T901 ⚠	1-448-884-11	(AEP/UK)...TRANSFORMER, POWER
T902 ⚠	1-448-883-11	(US).....TRANSFORMER, POWER
T902 ⚠	1-448-885-11	(AEP/UK)...TRANSFORMER, POWER
X300	1-567-539-11	VIBRATOR, CRYSTAL (16.9344MHz)
X301	1-567-686-11	OSCILLATOR, CERAMIC (4MHz)
X700	1-567-686-11	OSCILLATOR, CERAMIC (4MHz)

ACCESSORY & PACKING MATERIAL

Part No.	Description
1-463-816-11	REMOTE COMMANDER (RM-D502A)
1-558-271-11	CORD, CONNECTION
3-701-630-01	BAG, POLYETHYLENE
3-703-390-01	(US)....INSTRUCTION
3-703-710-41	STICKER, SONY SYMBOL (12)
3-765-688-11	(AEP/UK)...MANUAL, INSTRUCTION
3-765-688-21	(US).....MANUAL, INSTRUCTION
3-765-688-41	(AEP).....MANUAL, INSTRUCTION
*3-795-629-15	(AEP)...INSTRUCTION
4-913-941-01	HOLDER, COMMANDER
4-917-494-01	BATTERY CASE
4-919-212-01	(US).....INDIVIDUAL CARTON
4-919-212-11	(AEP/UK)..INDIVIDUAL CARTON
4-919-213-01	CUSHION

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Audio Group

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