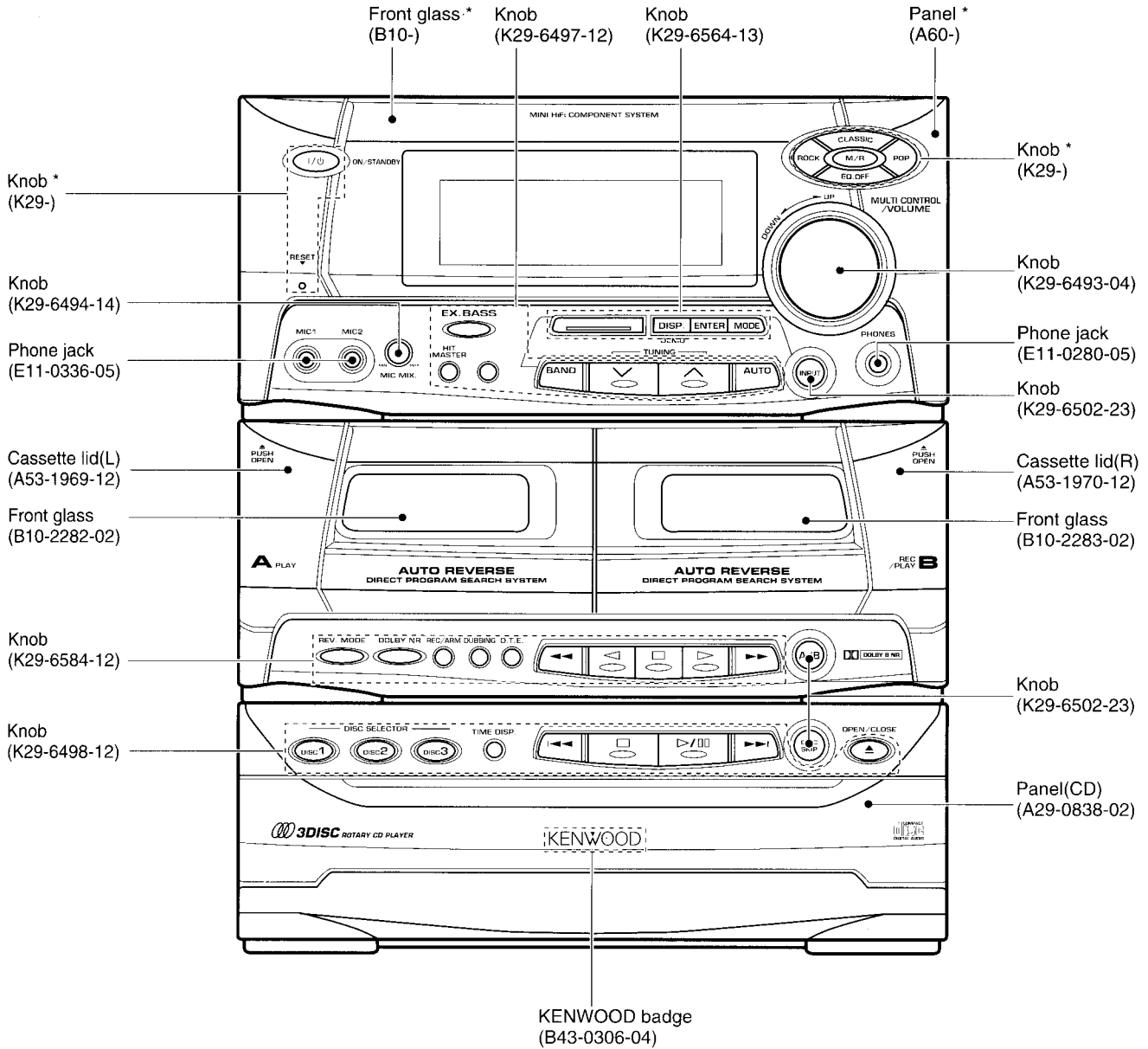


MINI HI-FI COMPONENT SYSTEM
**RXD-500/500W/520S/550/550W/
 560/700/700W/710/720S/
 750/750W/760**

SERVICE MANUAL
 (XD-500~760**)

KENWOOD

© 1997-3/B51-5300-00 (K/K) 4185



* Refer to parts list on page 56.

In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

KENWOOD-Corp. certifies this equipment conforms to DHHS Regulations No. 21 CFR 1040. 10, Chapter 1, Subchapter J.

**DANGER : Laser radiation when open and interlock defeated.
 AVOID DIRECT EXPOSURE TO BEAM.**

**Refer to page 2 if you want to know system configuration.

RXD-500/700

CONTENTS / ACCESSORIES

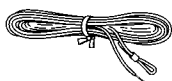
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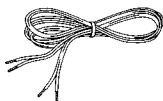
Accessories

Please confirm that the following accessories are present.

FM indoor antenna(1)
(T90-0801-05) : KPMIXY
(T90-0809-05) : TEQ



Speaker cords (2)
(E30-5156-08) : LS-N500 series
(E30-5120-08) : LS-N700 series

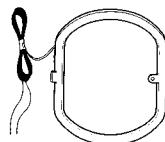


Remote control unit(1)
(A70-1106-05) : MIXY.....RC-H3
(A70-1119-05) : TEQ.....RC-H3R
(A70-1145-05) : KP.....RC-H3K

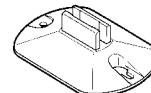


Battery cover (A09-0374-08)

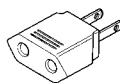
Loop antenna(1) (T90-0820-05)



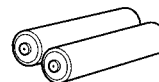
AM loop antenna stand(1)
(J19-3645-05)



AC plug adapter..... (1)
(E03-0115-05)



Batteries (R6/AA)(2)



(A70-1120-05) : MIXY.....RC-H2
(A70-1122-05) : TEQ.....RC-H2R
(A70-1146-05) : KP.....RC-H2K

Remocon configuration

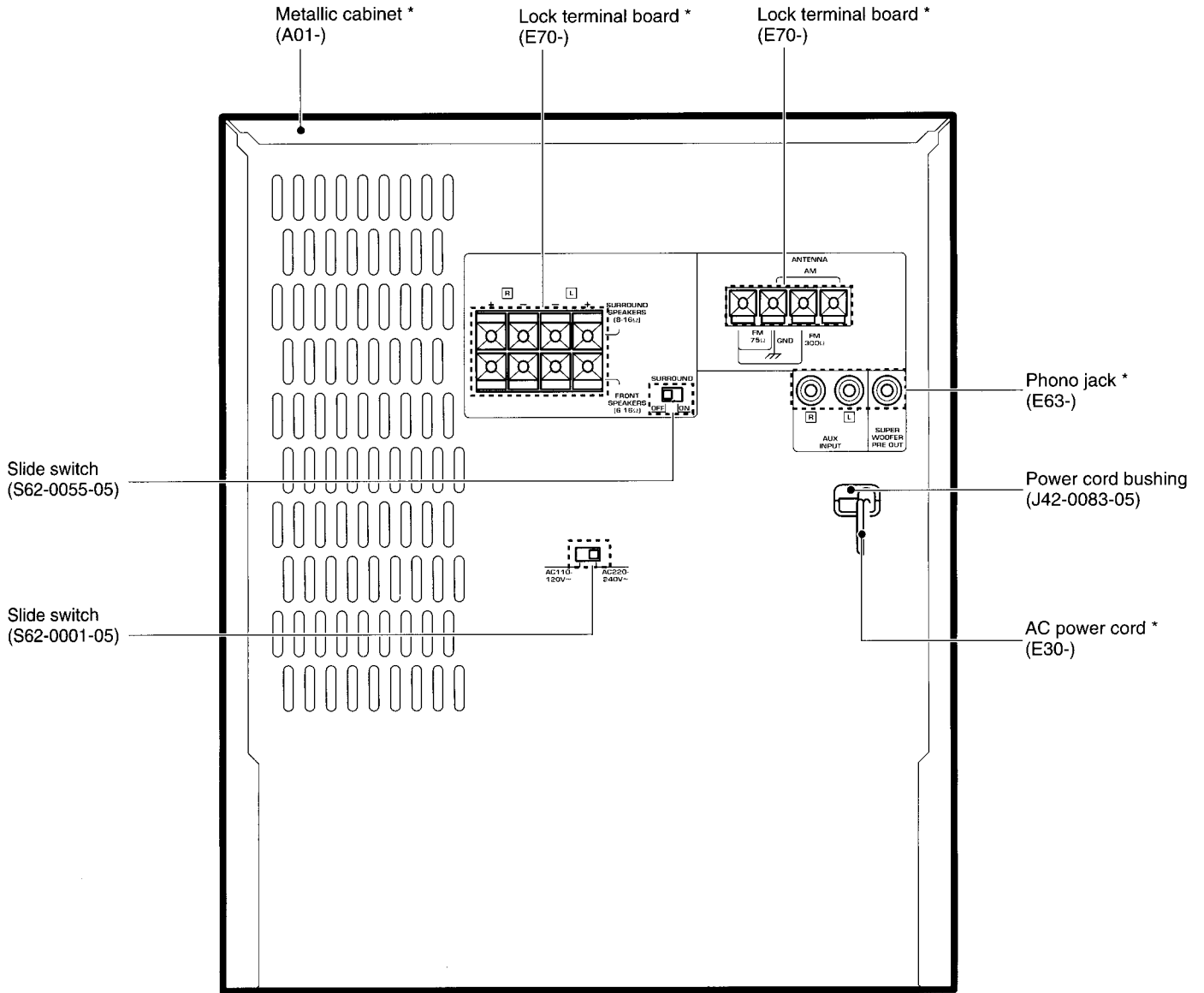
PART NAME	MODEL NAME	TYPE
A70-1106-05	RXD-700/710/750/760	MIXY
A70-1119-05	RXD-700/750W	TEQ
A70-1145-05	RXD-750	KP
A70-1120-05	RXD-500/520S/550/560	MIXY
A70-1122-05	RXD-500/500W/550W	TEQ
A70-1146-05	RXD-500/550	KP

System configuration

SYSTEM	MAIN UNIT	SPEAKER
XD-500/W	RXD-500	LS-N500
	RXD-500	LS-N700
	RXD-500W	LS-N500
XD-520S	RXD-520S	LS-N700
XD-550/W	RXD-550	LS-N550
	RXD-550	LS-N750
	RXD-550W	LS-N550
XD-560	RXD-560	LS-N750
XD-700/W	RXD-700	LS-N700
	RXD-700W	LS-N700
XD-710	RXD-710	LS-N700
XD-720S	RXD-720S	LS-N700
XD-750/W	RXD-750	LS-N750
	RXD-750W	LS-N750
XD-760	RXD-760	LS-N750

RXD-500/700

EXTERNAL VIEW



* Illustration is M type.

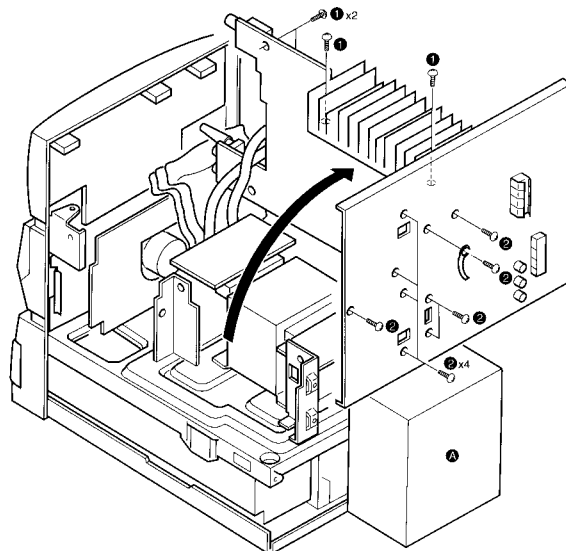
* Refer to parts list on page 56.

RXD-500/700

DISASSEMBLY FOR REPAIR

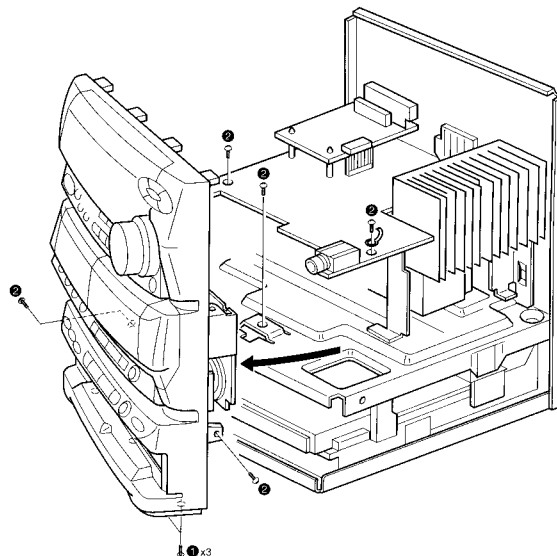
1. How to remove the main PCB.

- (1) Remove the 4 screws ❶.
- (2) Remove the 9 screws ❷.
- (3) Lay the rear panel with left side downward on the small box ❸.



2. How to remove the front panel.

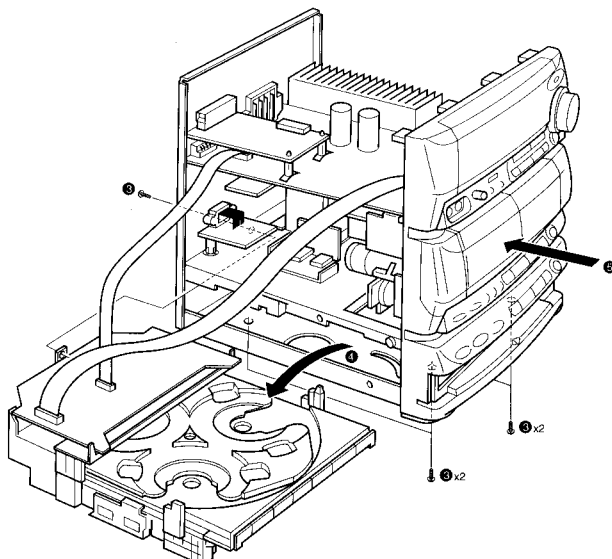
- (1) Remove the 3 screws ❶.
 - (2) Remove the 5 screws ❷.
- ※ Remove the deck mechanism only with the fixed frame on the panel.



3. How to remove CD mechanism

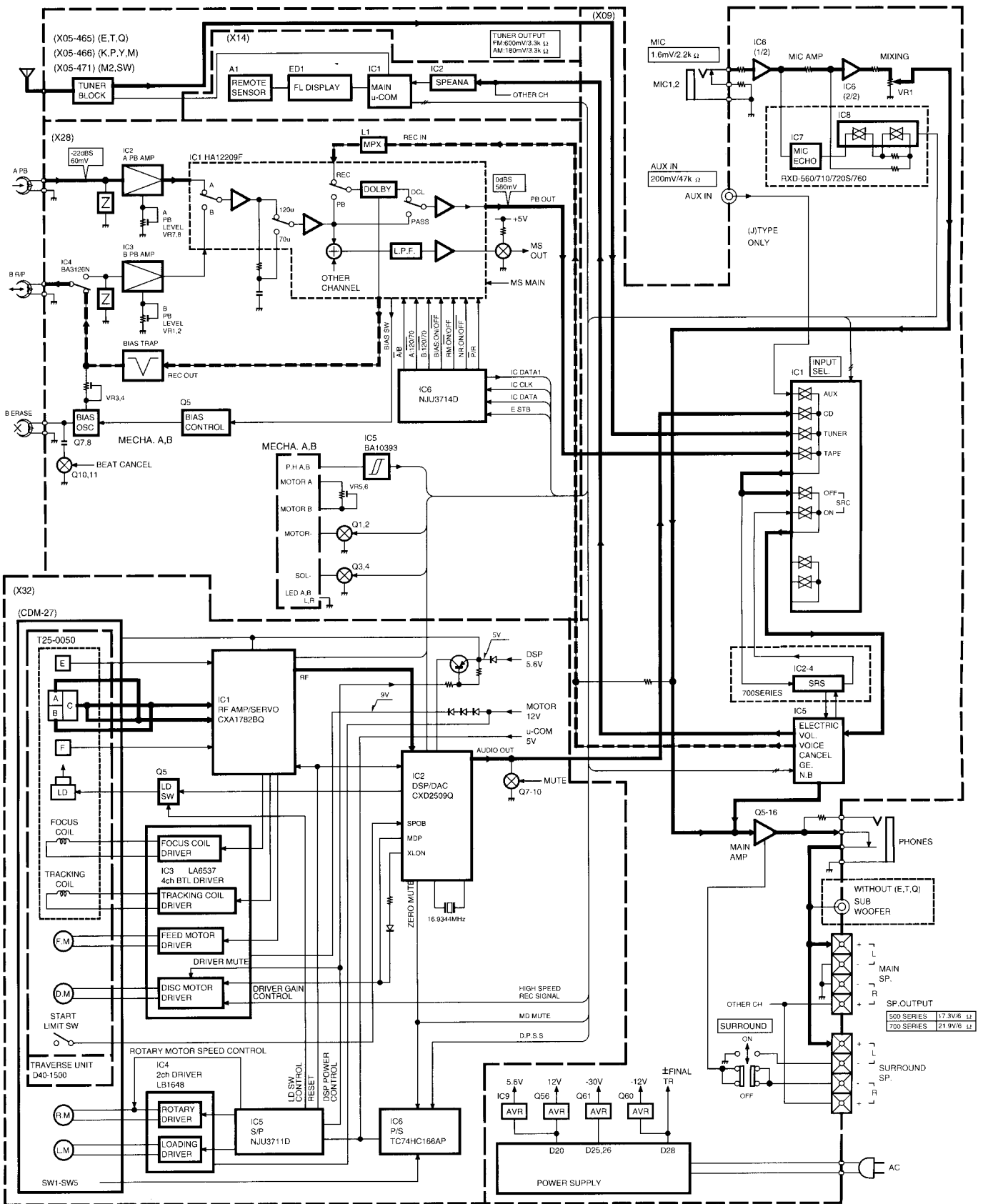
(After remove the front panel)

- (3) Remove the 5 screws ❸, then remove CD mechanism(❹) with the laid set.
- (4) Assemble the front panel then check (+) position.



RXD-500/700

BLOCK DIAGRAM



RXD-500/700

RXD-500/700

CIRCUIT DESCRIPTION

1. Initialization

1-1 Setting of initial conditions

While pressing the [ENTER] key, plug the AC cord into the AC power outlet.

1-2 Initializing operation

- A microcomputer is initialized for start when the AC power is turned on while pressing the [ENTER] key. At that time, CD mechanism and MD mechanism are also initialized.
- During the initial operation, the display shows "INITIALIZE" and after that the clock blinks up on display.

1-3 Initial items and back up data

ITEMS	
※POWER	OFF
※VOLUME	15
※BALANCE	CENTER
MUTING	OFF
※EQ	OFF
※EQ. MANU	FLAT
※EX. BASS	ON
※SRS 3D	OFF
S. DIRECT	NONE
※INPUT SEL	TUNER
※AUX INPUT	0 (-6dB)
※REC LEVEL	-17
※N. B.	OFF
ECHO	NONE
※3D LEVEL	0
※REF/MANU	REF
※DEMO	ON

※back up data

ITEMS		
TUNER	※BAND	FM
	※LAST f	LIMIT
	※LAST Pch	—
	※AUTO/MONO	AUTO
CLOCK TIMER	※Pch	TEST f
	※CLOCK	AM 12 : 00
	※PROG ON	AM 12 : 00
	※PROG OFF	AM 12 : 00
	※PRO MODE	PLAY
	※SOURCE	TUNER
DECK	※Pch	1
	※EXE	OFF
	※OTT	OFF
	SLEEP	OFF
	※DIRECTION	FORWARD
	※RVS MODE	▷
	※DOLBY NR	OFF
	A/B	B
	ACTIVE MODE	STOP
	PLAY MODE	TRACK
CD	REPEAT	OFF
	RANDOM	OFF
	PLAY MODE	STOP
	TIME	SINGLE

1-4 Mechanism initialization

1-4-1 CD mechanism

- Disc unclamps (traverse down)
- Rotary tray rotates (1/3 rotation)
- If a mechanism error occurs, "C" is indicated on the display.

1-4-2 DECK mechanism

- When initial condition becomes NG for the third time, decide the error.
The error condition is displayed as "X" on the display.

1-4-3 Error display

C ERR or X ERR

CIRCUIT DESCRIPTION

2. TUNER preset frequency

c h	Distination						
	K 1	K 2	K 3	E 1	E 2	E 3	Q
1	FM 97.50MHz	FM 97.50MHz	FM 97.50MHz	FM 97.50MHz	FM 97.50MHz	FM 97.50MHz	FM 97.50MHz
2	FM 108.00MHz	FM 108.00MHz	FM 108.00MHz	FM 108.00MHz	FM 108.00MHz	FM 108.00MHz	FM 108.00MHz
3	AM 630kHz	AM 630kHz	AM 630kHz	AM 630kHz	AM 630kHz	AM 630kHz	AM 630kHz
4	AM 1000kHz	AM 1000kHz	AM 1000kHz	AM 999kHz	AM 999kHz	AM 999kHz	AM 999kHz
5	AM 1440kHz	AM 1440kHz	AM 1440kHz	AM 1440kHz	AM 1440kHz	AM 1440kHz	AM 1440kHz
6	AM 1610kHz	AM 1610kHz	AM 1610kHz	AM 1602kHz	AM 1602kHz	AM 1602kHz	AM 1602kHz
7	AM 1700kHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	LW 162kHz	FM 87.50MHz	LW 162kHz
8	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	LW 216kHz	FM 87.50MHz	LW 216kHz
9	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	LW 270kHz	FM 87.50MHz	LW 270kHz
10	FM 89.10MHz	FM 89.10MHz	FM 89.10MHz	FM 89.10MHz	FM 89.10MHz	FM 89.10MHz	FM 89.10MHz
11	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	LW 279kHz	FM 87.50MHz	LW 279kHz
12	FM 90.00MHz	FM 90.00MHz	FM 90.00MHz	FM 90.00MHz	FM 90.00MHz	FM 90.00MHz	FM 90.00MHz
13	FM 106.00MHz	FM 106.00MHz	FM 106.00MHz	FM 106.00MHz	FM 106.00MHz	FM 106.00MHz	FM 106.00MHz
14	AM 530kHz	AM 530kHz	AM 530kHz	AM 531kHz	AM 531kHz	AM 531kHz	AM 531kHz
15	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	LW 153kHz	FM 87.50MHz	LW 153kHz
16	FM 98.00MHz	FM 98.00MHz	FM 98.00MHz	FM 98.00MHz	FM 98.00MHz	FM 98.00MHz	FM 98.00MHz
17	FM 98.50MHz	FM 98.50MHz	FM 98.50MHz	FM 98.50MHz	FM 98.50MHz	FM 98.50MHz	FM 98.50MHz
18	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	LW 216kHz	FM 87.50MHz	FML 74.00MHz
19	AM 990kHz	AM 990kHz	AM 990kHz	AM 990kHz	AM 990kHz	AM 990kHz	FML 65.00MHz
20	FM 97.40MHz	FM 97.40MHz	FM 97.40MHz	FM 97.70MHz	FM 97.70MHz	FM 97.70MHz	FML 69.00MHz
21	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz
22	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz
23	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz
24	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz
25	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz
26	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz
27	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz
28	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz
29	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz
30	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz
31	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz
32	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz
33	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz
34	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz
35	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz	FM 87.50MHz
36	FM 87.50MHz	FM 87.50MHz	SW 17.00MHz	FM 87.50MHz	FM 87.50MHz	SW 17.00MHz	FM 87.50MHz
37	FM 87.50MHz	FM 87.50MHz	SW 6.50MHz	FM 87.50MHz	FM 87.50MHz	SW 6.50MHz	FM 87.50MHz
38	FM 87.50MHz	FM 87.50MHz	SW 17.90MHz	FM 87.50MHz	FM 87.50MHz	SW 17.90MHz	FML 74.00MHz
39	FM 87.50MHz	FM 87.50MHz	SW 5.90MHz	FM 87.50MHz	FM 87.50MHz	SW 5.90MHz	FML 65.00MHz
40	FM 87.50MHz	FM 87.50MHz	SW 11.00MHz	FM 87.50MHz	FM 87.50MHz	SW 11.00MHz	FML 69.00MHz

CIRCUIT DESCRIPTION

3. Destination list of tuner

Desti- nation	DSW				Band	Receiving frequency range	Channel space	IF	RF	PORT 47
	3(D23)	2(D22)	1(D21)	0(D20)						
K1	0	0	0	0	FM	87.5MHz~108.0MHz	100kHz	+10.7MHz	25kHz	0
					AM	530kHz~1700kHz	10kHz	+450kHz	10kHz	0
K2	0	0	0	1	FM	87.5MHz~108.0MHz	100kHz	+10.7MHz	25kHz	1
					AM	530kHz~1610kHz	10kHz	+450kHz	10kHz	0
K3	1	0	0	1	FM	87.5MHz~108.0MHz	100kHz	+10.7MHz	25kHz	1
					MW	530kHz~1610kHz	10kHz	+450kHz	10kHz	0
					SW	5.9MHz~17.9MHz	5kHz	+450kHz	5kHz	0
E1	0	0	1	1	FM	87.5MHz~108.0MHz	50kHz	+10.7MHz	25kHz	0
					AM	531kHz~1602kHz	9kHz	+450kHz	9kHz	0
E2	0	1	0	0	FM	87.5MHz~108.0MHz	50kHz	+10.7MHz	25kHz	0
					MW	531kHz~1602kHz	9kHz	+450kHz	9kHz	0
					LW	153kHz~279kHz	9kHz	+450kHz	9kHz	0
E3	1	0	1	1	FM	87.5MHz~108.0MHz	50kHz	+10.7MHz	25kHz	0
					MW	531kHz~1602kHz	9kHz	+450kHz	9kHz	0
					SW	5.9MHz~17.9MHz	5kHz	+450kHz	5kHz	0
E1 RDS	0	1	0	1	FM	87.5MHz~108.0MHz	50kHz	+10.7MHz	25kHz	0
					AM	531kHz~1602kHz	9kHz	+450kHz	9kHz	0
E2 RDS	0	1	1	0	FM	87.5MHz~108.0MHz	50kHz	+10.7MHz	25kHz	0
					MW	531kHz~1602kHz	9kHz	+450kHz	9kHz	0
					LW	153kHz~279kHz	9kHz	+450kHz	9kHz	0
Q	0	1	1	1	FML	65.0MHz~74.0MHz	10kHz	+10.7MHz	5kHz	1
					FMH	87.5MHz~108.0MHz	50kHz	+10.7MHz	5kHz	0
					MW	531kHz~1602kHz	9kHz	+450kHz	9kHz	0
					LW	153kHz~279kHz	9kHz	+450kHz	9kHz	0

DIODE SW : 0 = Without diode (When static, input low)
 1 = With diode (When static, input high)

4. Test mode

4-1 Test mode of the receiver

4-1-1 Setting of the test mode

While pressing the [INPUT] key or [Band] key, plug the AC power cord in AC outlet.

4-1-2 Canceling of the test mode

Unplug the AC power cord.

4-1-3 Condition in test mode

POWER ON

SELECTOR ... AUX (in case of [INPUT] key)
 TUNER (in case of [BAND] key)

FL, LED All the fluorescent display indicators and LEDs light. (The all illuminated state is cleared by pressing any main unit key or remote key.)

EX. BASS OFF

REC LEVEL ... All position 0dB (REC 80)

4-1-4 All RAM clear

While pressing [HIT MASTER] key, plug the AC power cord into AC power output, the all RAM cleared.

4-1-5 Basic operation in test mode.

- (1) The muting during mode selection is not controlled in the test mode.
- (2) The REC out level is fixed to 0dB (MAX).
- (3) The test mode is cancelled when the AC power is turned OFF.
- (4) The operation of the keys in the test mode, as follows.

4-1-6 The operation of the keys in the test mode.

(1) DISP/DEMO key

When this key is pressed in the test mode, all the fluorescent light off and normal display are indicated cyclically.

(2) TEST (KEY6-KR0)

If this matrix (KEY6-KR0) is ON when setting the test mode, the RDS indication is available on the display with the selector on TUNER.

(3) DISC 1~3 keys

With the selector on AUX, when the DISC 1~3 keys are operated, the 3D level settings can be made as follows.

- ① DISC 1 3D ON level -10 (Min)
- ② DISC 2 3D ON level 0 (Center)
- ③ DISC 3 3D ON level +10 (Max)

CIRCUIT DESCRIPTION

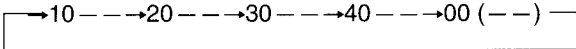
(4) DISC SKIP key (S level display)

With the selector in TUNER, the fluorescent changes cyclically as follows by pressing the [DISC SKIP] key.

- ① ATT is switched OFF. "ATT OFF XX"
- ② ATT is switched ON. "ATT ON XX"
- ③ ATT is switched OFF. Normal display
XX means A/D value (HEX) of S.

(5) CD STOP key

With the selector on TUNER, when the [CD STOP] key operated, the preset memory can be changed as 10 steps.



(6) AUTO, TUNING UP/DOWN

With the selector on something other than TUNER, the E.Q (Flat, Min, Max) settings can be made by pressing the [AUTO] key and the tuning [UP] [DOWN] keys.

- | | |
|-------------------|----------|
| [AUTO] key | E.Q Flat |
| TUNING [DOWN] key | E.Q Min |
| TUNING [UP] key | E.Q Max |

(7) CD SKIP UP/DOWN keys

With the selector on TUNER, the P. CALL is operated by pressing the skip UP/DOWN keys.

- | | |
|-----------------|--------------|
| SKIP [UP] key | P.CALL up |
| SKIP [DOWN] key | P. CALL down |

(8) CD OPEN/CLOSE keys

With the selector on TUNER, the channel space settings can be mad cyclically by pressing the OPEN/CLOSE keys with E1, E3, K2 and K3 version.

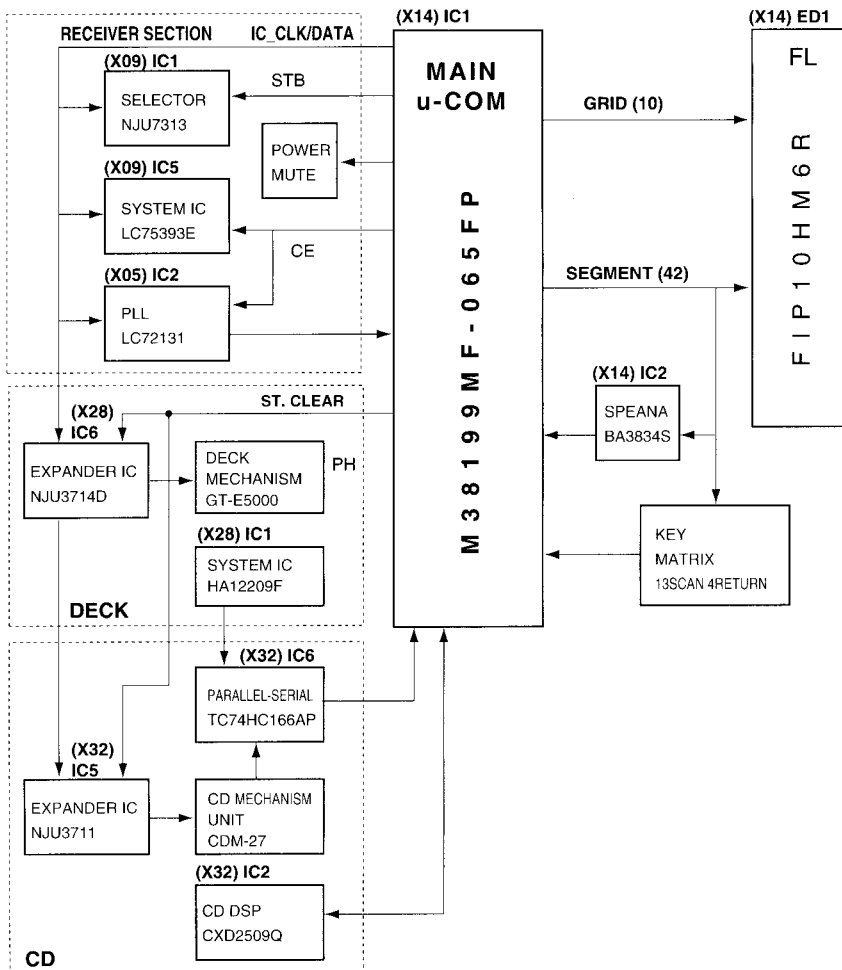
(9) Other keys

During the test mode, it can be operated in a special manner that is different from an ordinary operation by using the keys on the main body, specifically as shown in the following table.

TAPE KEY	INDICATION OF VOL. VALUE	Press mode key in the AUX mode	
		1 time	2 times
		BALANCE	INPUT LEVEL
RVS MODE	1	L	-12
DOLBY NR	44 (MID)	CENTER	-3
A/B	86 (MAX)	R	+3
DUBBING	---		-7
O.T.E	---		-2

5. Main microprocessor

5-1 Microprocessor periphery block diagram



RXD-500/700

CIRCUIT DESCRIPTION

5-2 Pin description

Pin No.	I/O	Name	Description
1	I	SPEANA	Speana input (A/D convertor input)
2	I	CW	Rotary encoder input B
3	I	CCW	Rotary encoder input A
4	I	A-PH	A photo sensor input
5	I	B-PH	B photo sensor input
6	O	POWER	Power control H : ON L : OFF
7	I/O	SDATA	Serial communication data
8	I/O	SBUSY	Serial communication busy
9	I	PLL-DO	PLL (LC72131) data input
10	O	PLL-CE/E VOL CE	PLL (LC72131)/E. Vol (chip enable)
11	I	RDS S LEVEL	RDS signal level
	O	ECHO A	Echo A change-over (M type only)
12	I	RDS-DATA	RDS data signal input
	O	ECHO B	Echo B change-over (M type only)
13	O	IC-DATA	Selector/PLL/E. Volume/Expander IC (data)
14	O	IC-CLK	Selector/PLL/E. Volume/Expander IC (Clock)
15	O	CD-XLAT	CD latch output (CXA1782BQ, CXD2509Q)
16	I	SENSE	CD sense input (CXA1782BQ, CXD2509Q)
17	O	PS-LOAD	Parallel serial IC load H : Shift L : Load
18	I	PS-SIN	Parallel serial IC data
19	O	CD-CLK	CD DSP clock (CXD2509Q)
20	O	SQCK	Sub cord clock (CXA 1782BQ, CXD2509Q)
21	O	CD-DATA	CD IC DATA
22	I	SUBQ	Sub code data
23	O	E-STB	Expander IC strobe control
24	O	SRS LED	3D stereo LED H : ON L : OFF
25	O	A-MUTE	Mute control H : OFF L : ON
26	O	E. VOL ATT	E. Vol attenuation H : ON L : OFF
27	O	ENFA/POLAR	Emphasis change-over (M type only) H : 100K L : 50K Polar change-over (Q type only) H : FM L : OTHER
28	O	IC-CLR	Expander IC reset H : Normal L : Reset
29	I	CE	Power failure input H : AC ON L : AC OFF
30	I	SCOR	Sub code synchronism signal (CXD2509Q)
31	O	SEL-STB	Selector IC strobe
32	I	REM	Remote control input
33	I	PROTECT	Protection input H : Protect L : Normal
34	I	RDS-CLK	RDS IC clock
35	I	RESET	Reset H : Normal L : Reset
36	I	Xcin	
37	O	Xcout	Timer clock input/output(32.768kHz)
38	I	Xin	
39	O	Xout	Main clock input/output(8.38MHz)
40		Vss	(GND)
41~44	I	KR0~KR3	Key return 0~3 H : ON
45~54	O	DIG1~DIG10	FL grid 1G~10G
55~73	O	SEG41~SECT23	FL segment SEG41~SEG23
74~76	O	SEG22/BP OUT3~SEG20/BP OUT1	FL segment SEG22~SEG20/band pass control 3~1
77~81	O	SEG19~SEG15	FL segment SEG19~SEG15
82~90	O	SEG14 / KS15/~SEG6/KS7	FL segment SEG14~SEG6/Key scan KS15~KS7
91		Vcc	u-com power supply
92~97	O	SEG5/KS6/~SEG0/KS1	FL segment SEG5~SEG0/Key scan KS6~KS1
98		Vee	Pull down power supply
99		AVss	A/D GND
100		Vref	A/D reference voltage

CIRCUIT DESCRIPTION

5-3 Expander IC port description

5-3-1 CD section NJU3711 (X32,IC5)

Pin No	Pin Name	I/O	Name	Description	
1	P3	O	ICRST	CD IC RESET	H=NORMAL L=RESET
2	P4	O	LMF	LOAD MOTOR CONTROL FORWARD	H=ON L=OFF
3	P5	O	BRKM	ROTARY MOTOR CONTROL(BRAKE)	H=NORMAL L=BRAKE
4	VSS		VSS	GND	
5	P6	O	LMR	LOAD MOTOR CONTROL REVERSE	
6	P7	O	RMR	ROTARY MOTOR CONTROL REVERSE	H=ON L=OFF
7	P8	O	RMF	ROTARY MOTOR CONTROL FORWARD	H=ON L=OFF
8	DATA	I	DATA	INPUT DATA	
9	CLK	I	CLK	CLOCK	
10	STB	I	STB	STROBE	
11	CLR	I	CLR	DATA CLEAR	
12	P1	O	DC-OFF	CD IC POWER SUPPLY CONTROL	H=OFF L=ON
13	P2	O	LDC	CD LAZER	H=OFF L=ON
14	VDD		VDD	POWER SUPPLY	

5-3-2 Input expander IC (parallel-serial)

X32, IC6(TC74HC166AP)

Pin No	Name	I/O	Description	
2	CD/MD MUTE	I	CD/MD MUTING	H : MUTE OFF L : MUTE ON
3	UP SW	I	CD UP SW	H : OFF L : ON
4	LD SW	I	CD LOAD SW	H : OFF L : ON
5	UNLOAD	I	CD UNLOAD SW	H : ON L : OFF
10	PSSW	I	CD MECHANISM POSITION SW	H : OFF L : ON
11	STSW	I	CD MECHANISM STOP SW	H : OFF L : ON
12	DNSW	I	CD DOWN SW	H : OFF L : ON
14	DPSS	I	NO USED	

RXD-500/700

ADJUSTMENT

1. Tuner adjustment

X05-465x

NO.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	DISCRIMINATOR	(A) 98 MHz, 60dB μ (ANT INPUT) 1 kHz, ± 40 kHz DEV : E/T/Q TYPE 1 kHz, ± 75 kHz DEV (OTHER TYPE)	Connect a DC voltmeter between pin 1 and pin2 of CN2.	MONO 98.0 MHz	L31	0V	(a)
					L32 (EXCEPT K/P)	Minimum distortion.	
2	DISTORTION (STEREO)	(C) 98 MHz, 60dB μ (ANT INPUT) 1 kHz, ± 40 kHz DEV : E/T/Q TYPE 1 kHz, ± 67.5 kHz DEV PILOT ± 7.5 kHz DEV OTHER TYPE	(B)	AUTO 98.0 MHz	IFT (A1)	Minimum distortion.	(a)

X05-4660

NO.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	DISTORTION (STEREO)	(A) 98 MHz, 60dB μ (ANT INPUT) 1 kHz, ± 67.5 kHz DEV PILOT: ± 7.5 kHz DEV	(B)	AUTO 98.0 MHz	IFT (A1)	Minimum distortion.	(a)

X05-4710

No.	ITEM	INPUT SETTING	OUTPUT SETTING	TUNER MODE	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	DISCRIMINATOR	(A) 98MHz 1kHz, 75kHzdev 60dBuV(AND input)	Connect a DC voltmeter to CN2	MONO 98.0MHz	L5	0V	(a)
2	DISTORTION (STEREO)	(C) 98MHz 1kHz, ± 67.5 kHzdev Pilot, ± 7.5 kHzdev 60dBuV(ANT input)	(B)	AUTO 98.0MHz	IFT (A1)	Minimum distortion	(a)
3	SENSITIVITY (SW)	(D) 6.5MHz 400Hz 30%mod 30dBuV(ANT input)	(B)	6.5MHz	L2	Maximum output	(a)

X04-1313 Q TYPE (65MHz~74MHz BAND)

NO.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
1	VCO	(E) 69 MHz, 60 dB μ (ANT INPUT) 1 kHz, 0 kHz DEV SUB, 0 kHz DEV	Connect a frequency counter to VCO monitor (CN2).	AUTO 69 MHz	VR 2	Adjust it the frequency counter reads 31.25 kHz ± 100 Hz.	(a)
2	SEPARATION	(E) 69 MHz, 60 dB μ (ANT INPUT) 1 kHz, 40 kHz DEV SUB, 10 kHz DEV Select : L or R	Connect a oscilloscope to TUNER OUT(CN6).	AUTO 69 MHz	TC 1	Minimum crosstalk.	(a)
3	SEPARATION	(E) SAME AS ABOVE	Connect a oscilloscope to TUNER OUT(CN6).	AUTO 69 MHz	VR 1	Minimum crosstalk.	(a)

RXD-500/700

ADJUSTMENT

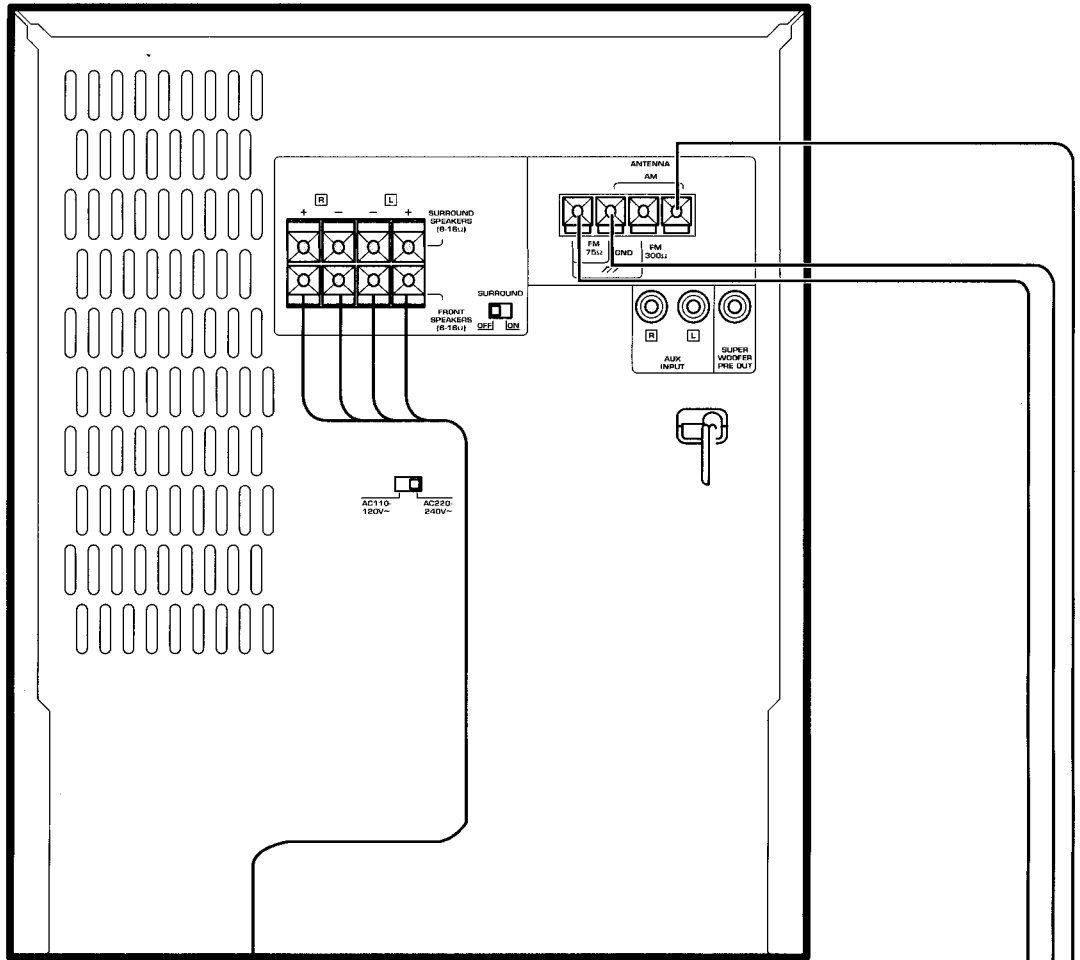
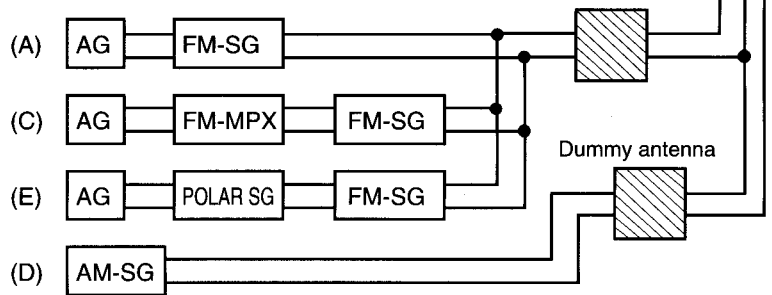
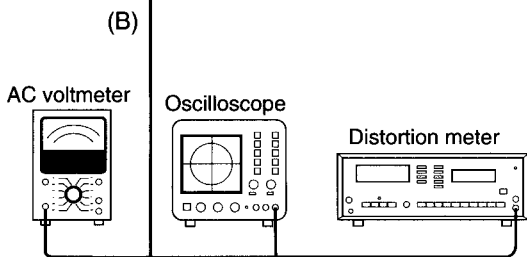


Fig (a)

TO X05 CN1
 9PIN (Lch)
 11PIN (Rch)
 10PIN (GND)



RXD-500/700

ADJUSTMENT

2. Test mode of CD player

2-1 Mechanism

(1) Setting of the test mode

While pressing the [PLAY/PAUSE] key, plug the AC power cord in AC outlet.

(2) Canceling of the test mode unplug the AC power code.

(3)Operation

KEY	DISPLAY	OPERATION
PLAY/PAUSE ▶/ +AC IN	5 01	<ul style="list-style-type: none"> SETTING OF THE TEST MODE CANCEL THE CLAMP TRAY 1 ROTATION TRAY OPENS AUTOMATICALLY
STOP ■	5 01	TRAY CLOSE CANCEL THE CLAMP
PLAY/PAUSE ▶/	5 05 PLAY MARK ON ▶	TRAY CLOSE/DISC CLAMP 05 MODE
DISC 3	5 03 PAUSE MARK ON	TRAY CLOSE/DISC CLAMP 03 MODE (TRACKING SERVO OFF)
DISC 1	5 16	DISC 1 STOP PLAY DISC2 TRACK NO.16
DOWN (SKIP DOWN) ◀◀	5 32	DISC 2 STOP PLAY DISC 1 TRACK NO.32
DISC 2	5 - -	CANCEL THE CLAMP DISC STOPS IN THE DISC 3 POSITION

(4) Effective remocon keys in the test mode

NO	KEY NAME	FUNCTION
1	1	1 TRACK JUMP (FWD)
2	2	1 TRACK JUMP (RVS)
3	3	4 TRACK JUMP (FWD)
4	4	4 TRACK JUMP (RVS)
5	5	8 TRACK JUMP (FWD)
6	6	8 TRACK JUMP (RVS)
7	7	128 TRACK MOVE (FWD)
8	8	128 TRACK MOVE (RVS)

2-2 Main unit

(1)Setting of the test mode

While pressing the [TIME DISP] key, plug the AC power cord in AC outlet.

(2)Canceling of the test mode press the [DISC 1] key or unplug the AC power code.

(3)Operation

KEY	DISPLAY	OPERATION
TIME DISP. + AC IN	CD 00	<ul style="list-style-type: none"> SETTING OF THE TEST MODE CANCEL THE CLAMP TRAY1/3 ROTATION TRAY OPENS AUTOMATICALLY
STOP ■	CD 00	TRAY CLOSE CANCEL THE CLAMP
PLAY/PAUSE ▶/	CD 03 CD 05	TRAY CLOSE/DISC CLAMP T-SERVO OFF(03) OR ON(05)
DISC SKIP		TRAY 1/3ROTATION
DISC 2	MECHA OK	CANCEL THE CLAMP TRAY1/3 ROTATION
DISC 1	CD 01	CANCEL THE TEST MODE

RXD-500/700

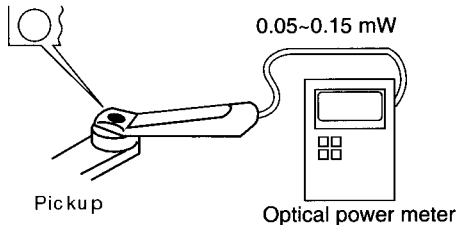
ADJUSTMENT

3. Adjustment of CD player

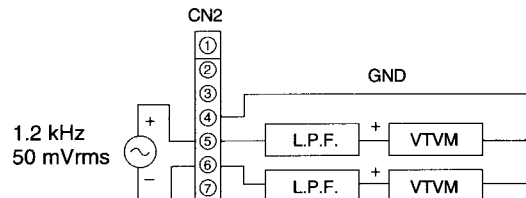
No.	ITEM	INPUT SETTING	OUTPUT SETTING	PLAYER SETTING	ALIGNMENT POINT	ALIGN FOR	FIG.
Step 1~4 are in TEST MODE TEST MODE : While pressing the (TIME DISP.) key, plug the AC power cord into the AC outlet.							
1	LASER POWER	-	Set the sensor section of the optical power meter on the pickup lens.	Press the "PLAY" key to check that the display is "03".	-	On the power from 0.05 to 0.15mw. when the diffraction grating is correctly aligned with the RF level of 0.8Vp-p or more	(a)
2	TRACKING ERROR BALANCE	Test disc Type 4	Connect an oscilloscope as follows. CH1 : RF (CN2-1) CH2 : TE (CN2-6) GND : VC (CN2-4)	Press the "PLAY" key. Confirm the display is "03".	TE BALANCE VR2	Symmetry between upper and lower or DC=0±25mV	(c)
3	FOCUS ERROR BALANCE	Test disc Type 4	Connect an oscilloscope as follows. CH1 : RF (CN2-1) CH2 : FE (CN2-2) GND : VC (CN2-4)	Press the "PLAY" key. Confirm that the display is "05"	FE BALANCE VR1	Optimum eye pattern	(d)
4	TRACKING GAIN	Test disc Type 4 Apply signal of 1.2kHz, 50mVrms to CN2 pin 5-6.	Connect a LPF to CN2 pin 5-6 to which connect an oscilloscope or AC voltmeters.	Press the "PLAY" key. Confirm that the displays "05"	TRACKING GAIN VR3	Two VTVMs should read the same value.	(b)

Note:
 Type 4disc :SONY YEDS-18 Test Disc or equivalent.
 LPF : Around 47kΩ + 390pF or so.

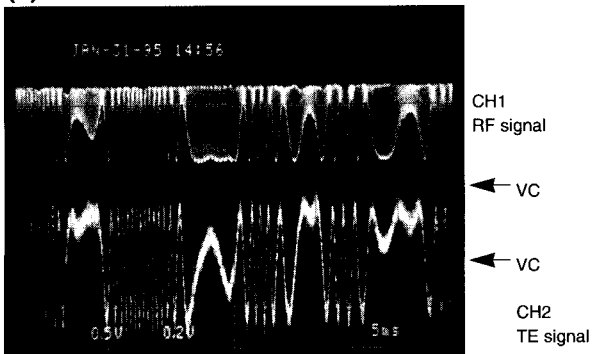
(a) Laser Power



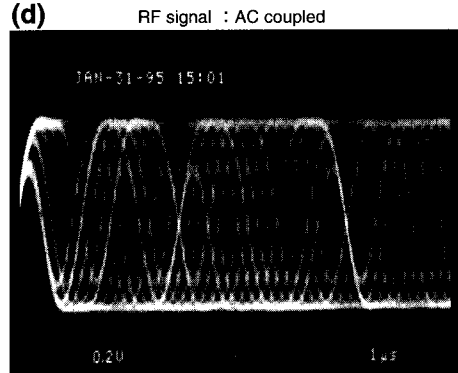
(b) Tracking Gain Adj.



(c)



(d)



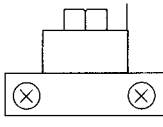
- RF signal and TE signal in test mode (Focusing servo ON / Tracking servo OFF). (Disc Type 4)
- Adjust TE signal so that the waveform is symmetrical in relation to VC. VR 2 (TE BALANCE)

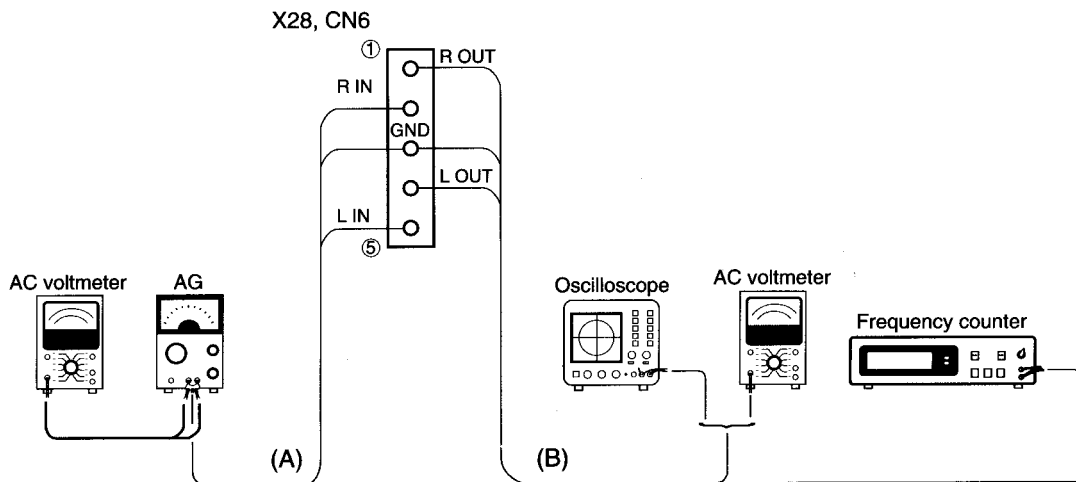
- RF signal in test mode (PLAY).
- Perform the tangential and focusing offset are focused into one point on the display. The crossing points above and below the center shall also be looked clearly.

RXD-500/700

ADJUSTMENT

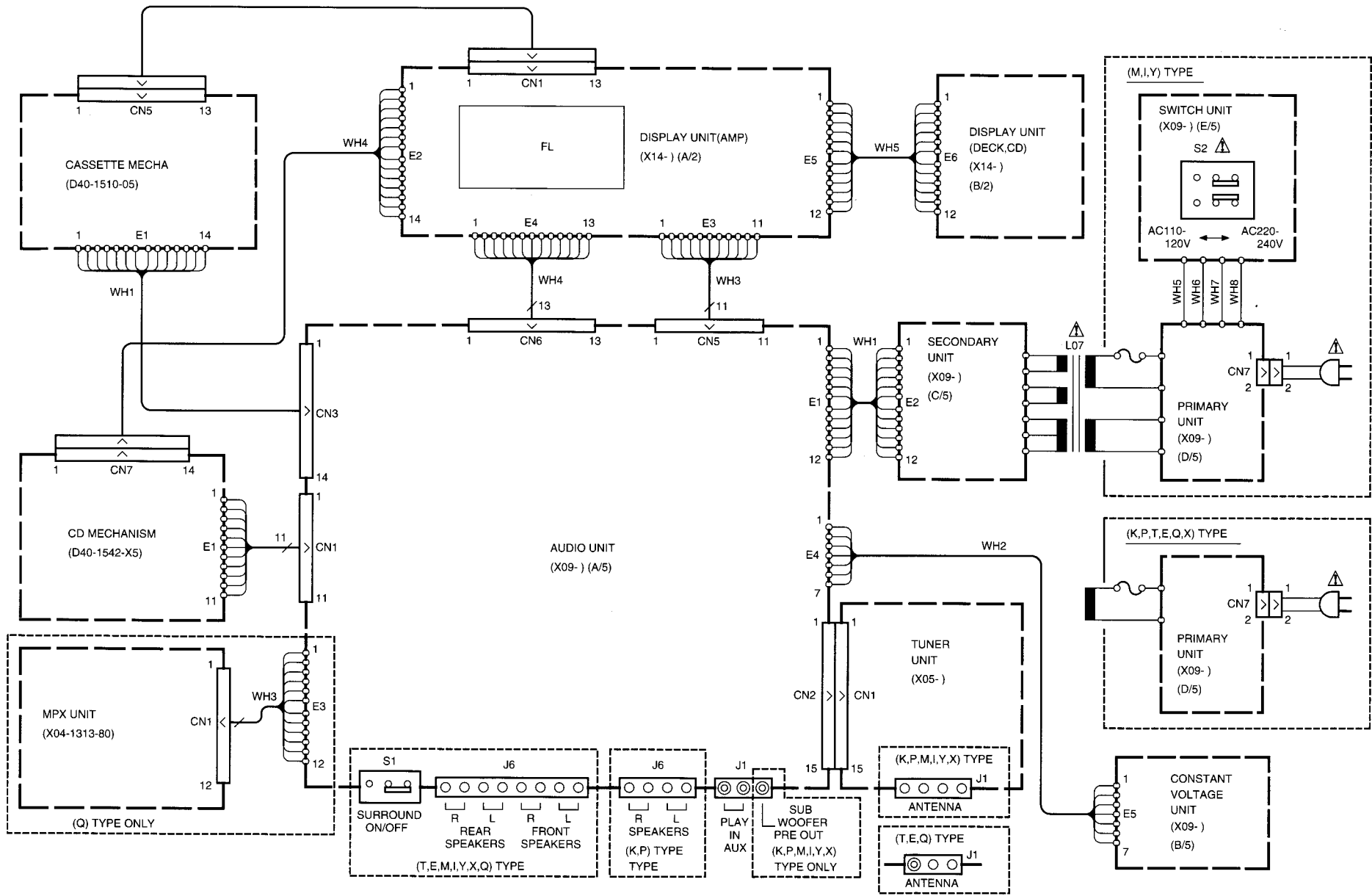
4. Cassette Deck adjustment

No	ITEM	INPUT SETTING	OUTPUT SETTING	DECK SETTING	ALIGNMENT POINT	ALIGN FOR	FIG.
Unless otherwise specified, set the respective switches as follows: TAPE : NORMAL DOLBY : OFF PLAY OUT : Lch (X28,CN6 ④ pin), Rch (X28,CN6 ① pin) I. Cassette mechanism unit (Adjustment of the REC / PLAY head)							0dBs=0.775V
⟨1⟩	Demagnetization and cleaning	—	—	Power : OFF Demagnetization, cleaning, PLAY	Recording head, erase head, capstan pinch roller	Demagnetize the REC / PLAY head with the head eraser. Clean the REC / PLAY head, erase head, capstan and pinch roller using a cotton swab slightly damped with alcohol.	
⟨2⟩	Azimuth of the REC/PLAY head	TCC-153 MTT-114 10kHz, -10dB	(B)	PLAY	 FWD RVS	Adjust the output to maximum and adjust the azimuth adjustment screw for the Lissajours waveform pattern of the oscilloscope to become close to a 45° straight line.	
II. PC BOARD ADJUSTMENT							
⟨1⟩	TAPE SPEED(NORMAL)	TCC-110 MTT-111 SCC-1727 3kHz	(B)	PLAY	A DECK VR 5 B DECK VR 6	Adjust the tape speed so that 3kHz is obtained at the center of the tape.	
III. PC BOARD ADJUSTMENT							
⟨1⟩	PLAYBACK LEVEL	MTT-130 400Hz	(B)	PLAY	A DECK VR 7 (L) VR 8 (R) B DECK VR 1 (L) VR 2 (R)	Adjust the playback output to -2.0dBs	
⟨2⟩	BIAS CURRENT	Adjust the AG for the output of the DECK to become 1kHz -30dBs. 400Hz/10kHz	(B)	REC ↑ PLAY	VR 3 (L) VR 4 (R)	Record 1kHz and 10kHz alternately, and adjust the bias current adjustment potentiometer for the playback levels to become the same.	

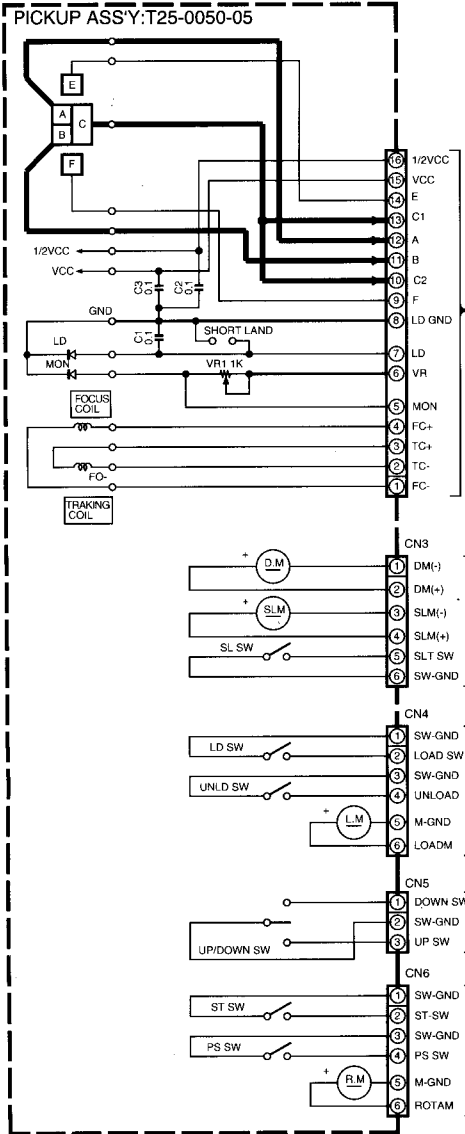


RXD-500/700

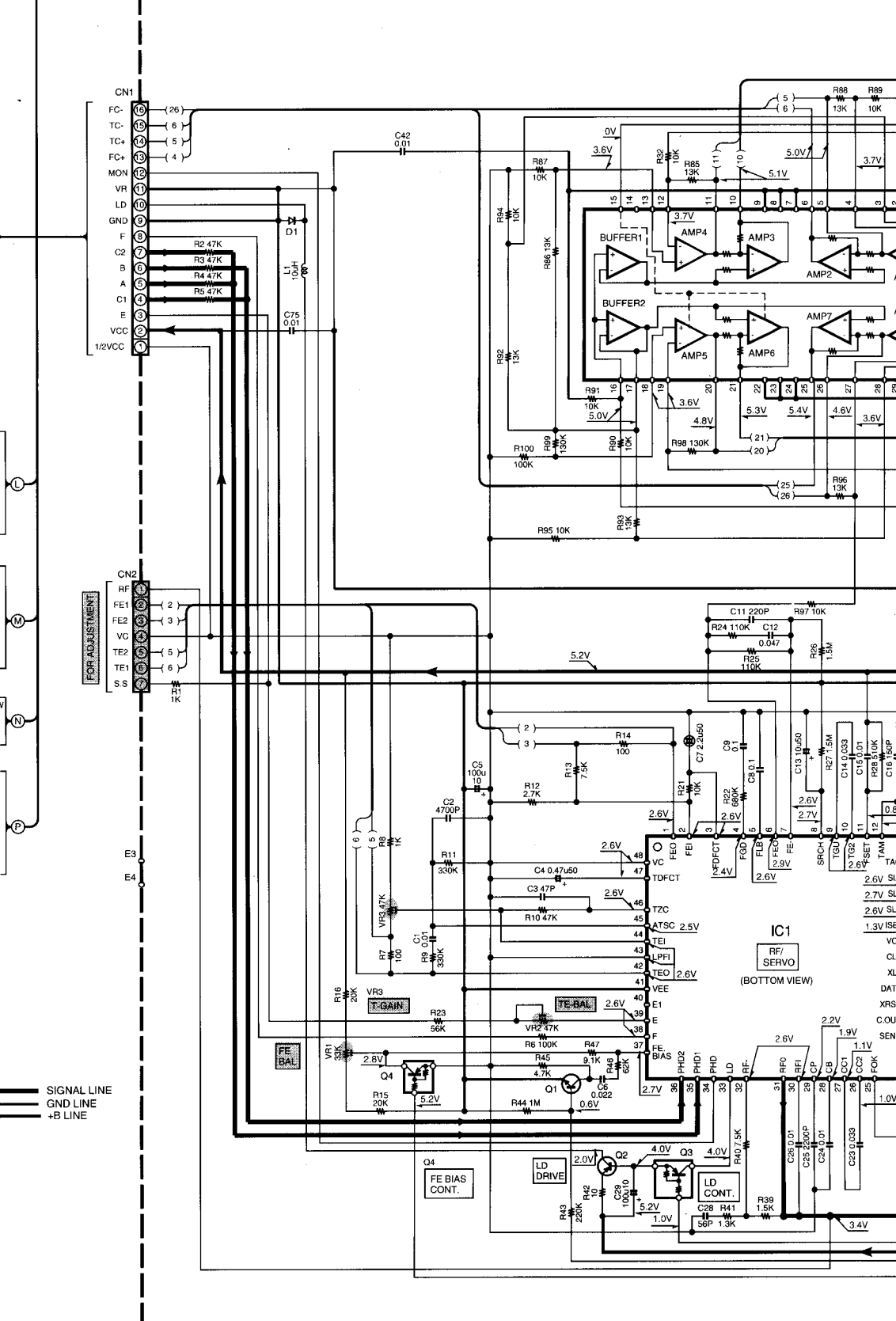
WIRING DIAGRAM



CD CHANGER MECHA.:CDM-27
(D40-1543-X5)



(X32-3270-20)

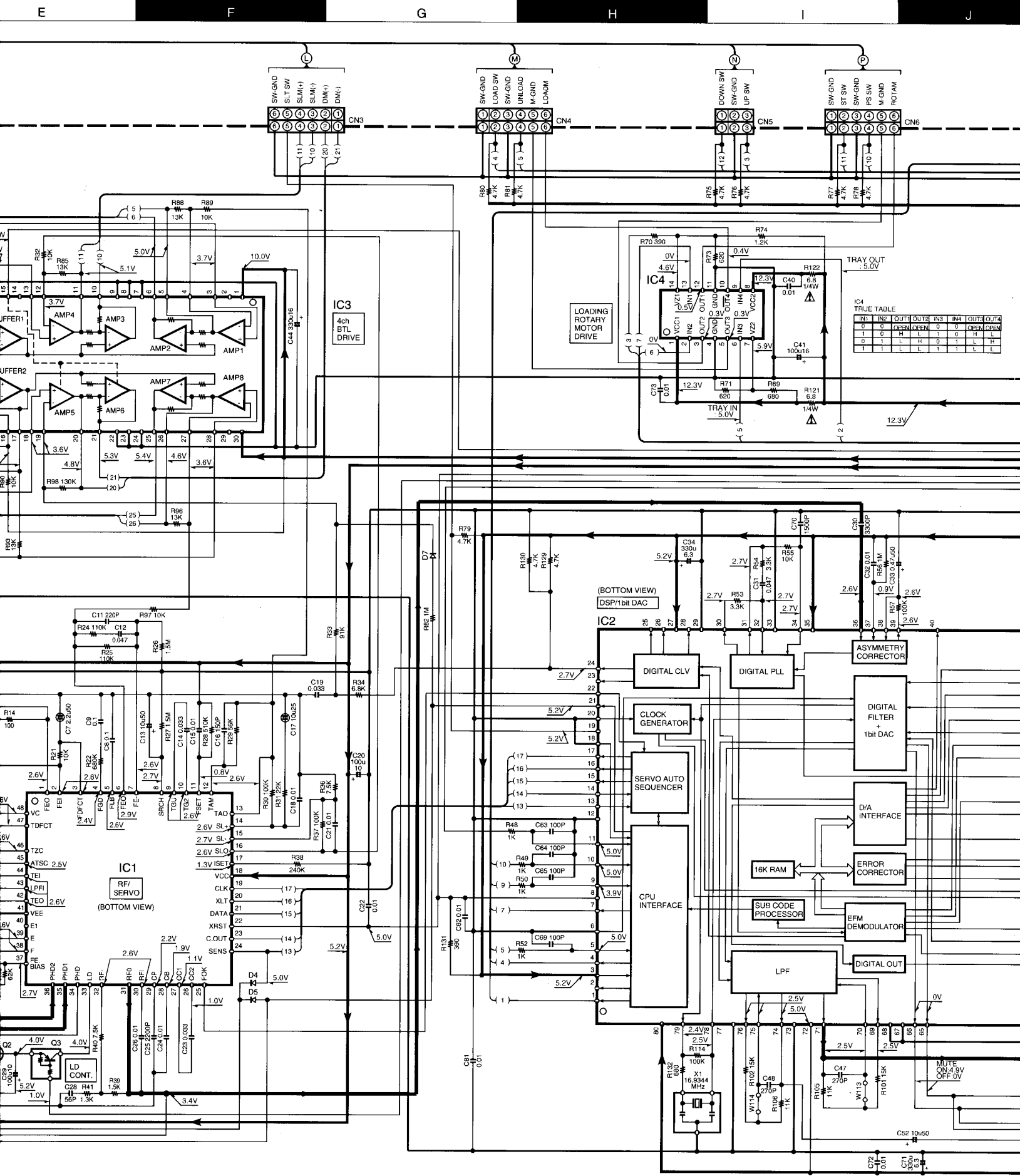


- IC1 : CXA1782BQx1
- IC2 : CXD2509Q
- IC3 : LA6537
- IC4 : LB1648
- IC5 : NUJ3711D
- IC6 : TC74HC166AP

- D1-5,7-9,17,18 : 1S5133 or HSS104
- D10,11 : S5688B or 1SR139-400
- D14,15 : RD5.6ES(B2) or HZS5.6N(B2)
- Q1 : 2SC2785(F,E) or 2SC1740S(Q,R)
- Q2 : 2SA954(L,K)
- Q3,4,11 : DTA124ESA or UN4112
- Q5 : 2SA1286-T11
- Q7,8 : 2SA1175(F,E) or 2SA933AS(Q,R)
- Q9,10 : 2SC2878(B)

==== SIGNAL LINE
 ===== GND LINE
 ===== +B LINE

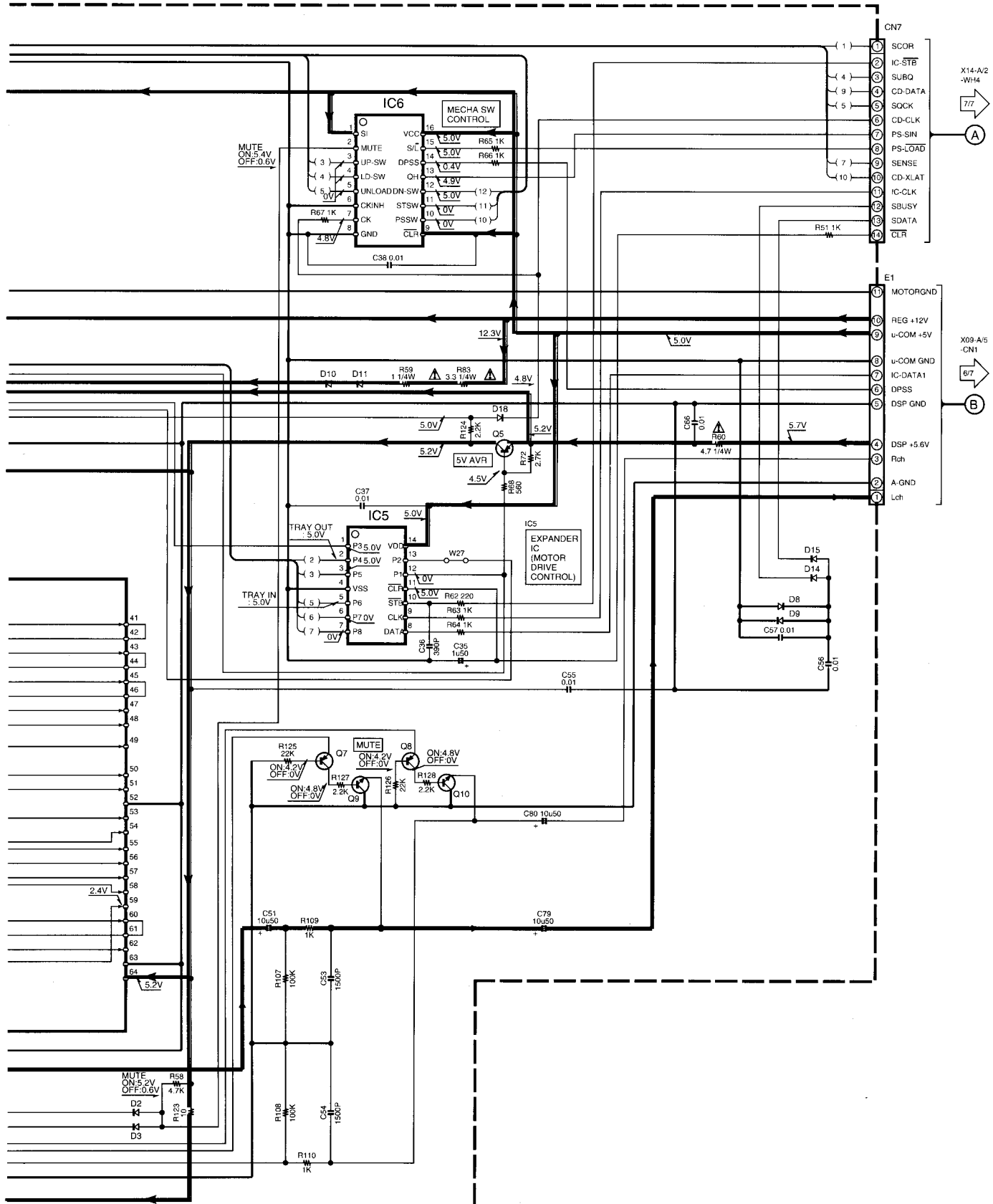
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.



IC4 TRUTH TABLE

IN1	IN2	OUT1	OUT2	IN3	IN4	OUT3	OUT4
0	0	OPEN	OPEN	0	0	OPEN	OPEN
1	0	H	L	1	0	H	L
0	1	L	H	0	1	L	H
1	1	L	L	1	1	L	L

The DC voltage is an actual reading measured with a high impedance type voltmeter. The measurement value may vary depending on the measuring instruments used or on the product. Refer to the voltage during PLAY unless otherwise specified; The value shown in () is the voltage measured at the moment of STOP.

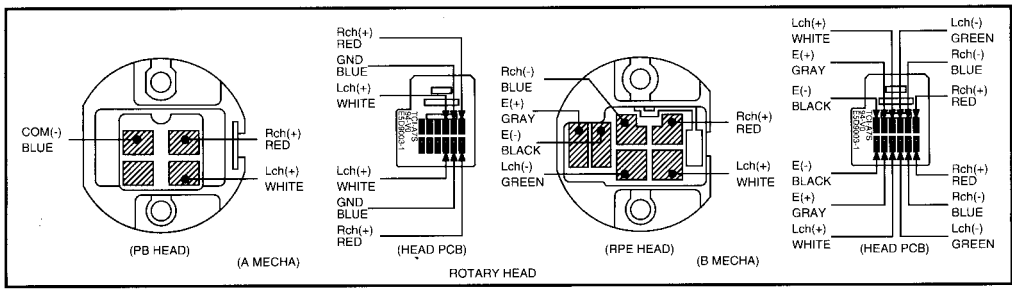


RXD-500/700(M) (1/7)

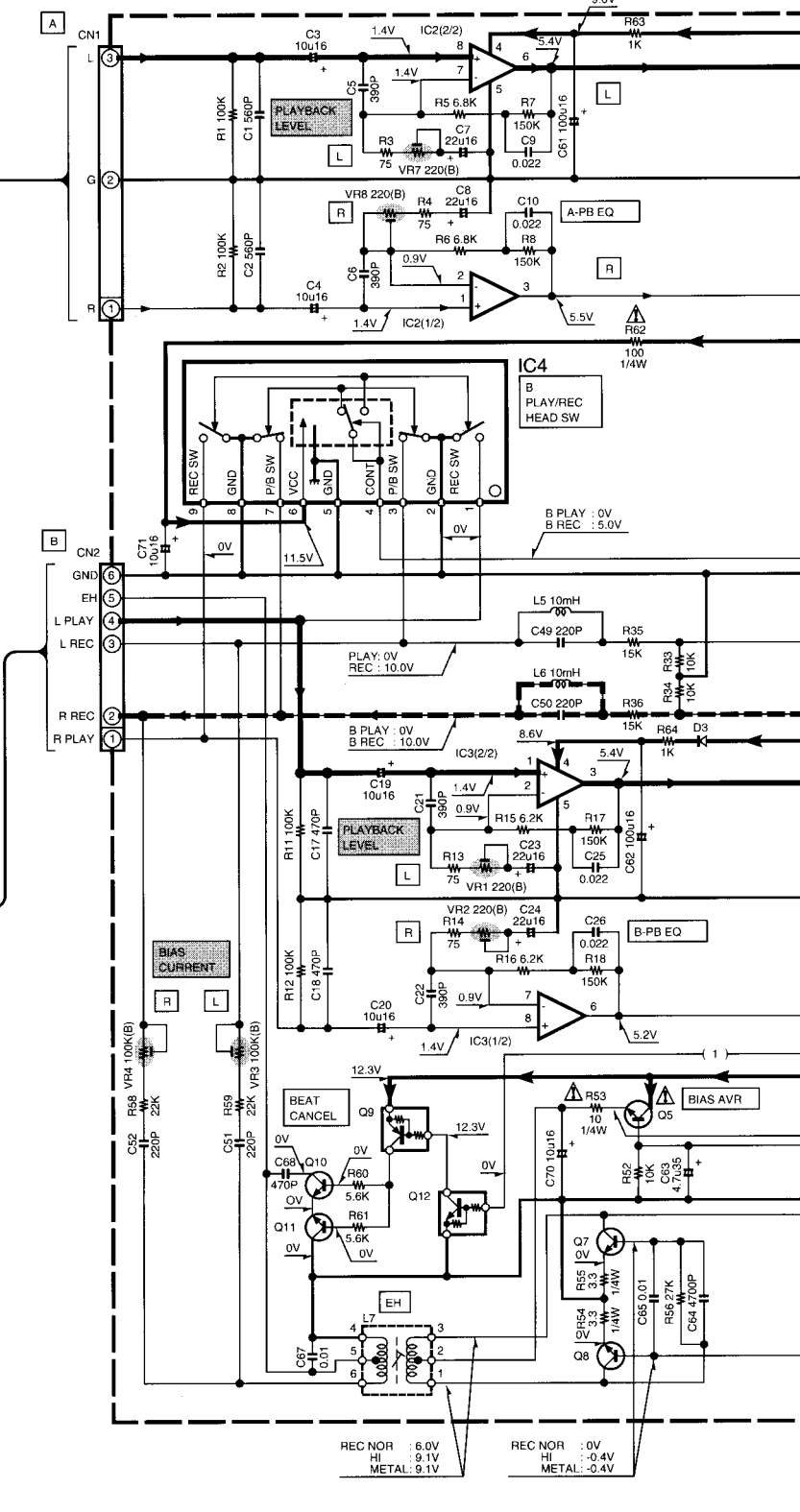
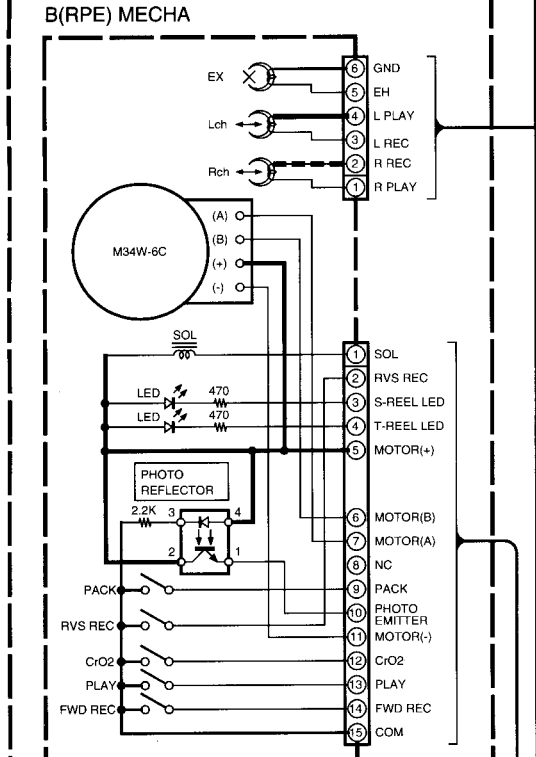
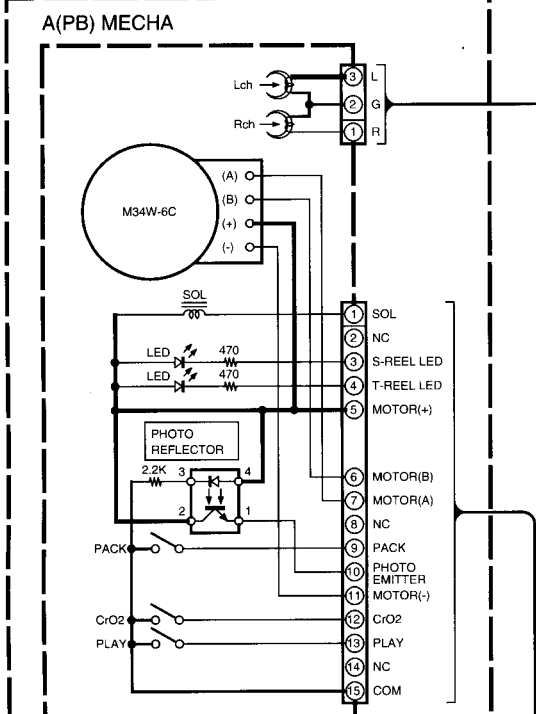
RXD-500/700

Y39-2540-21

KENWOOD

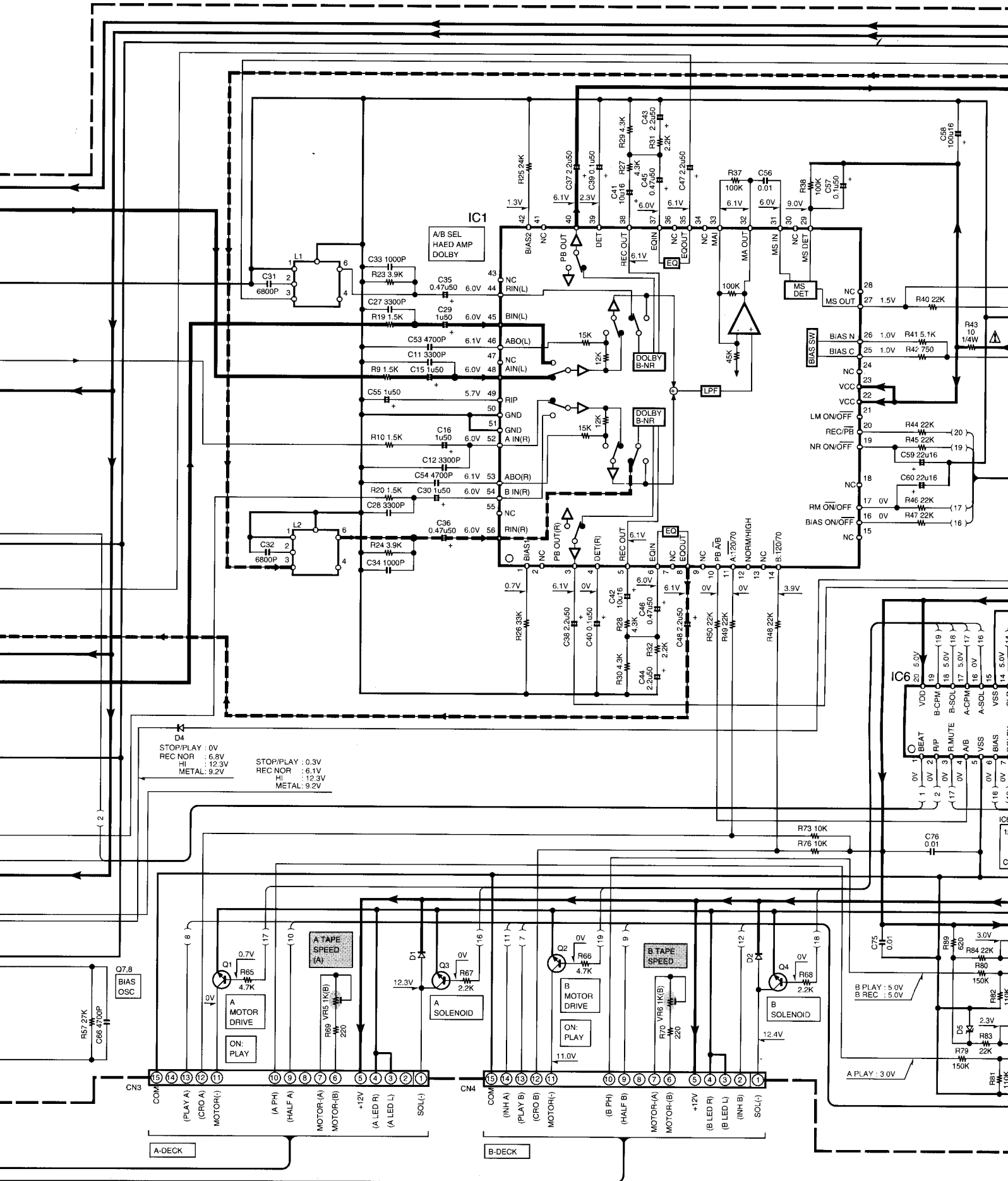


DECK MECHA (RVStype) D40-1510-05



REC NOR : 6.0V
 HI : 9.1V
 METAL : 9.1V

REC NOR : 0V
 HI : -0.4V
 METAL : -0.4V



STOP/PLAY : 0V
 REC NOR : 6.8V
 HI : 12.3V
 METAL : 9.2V

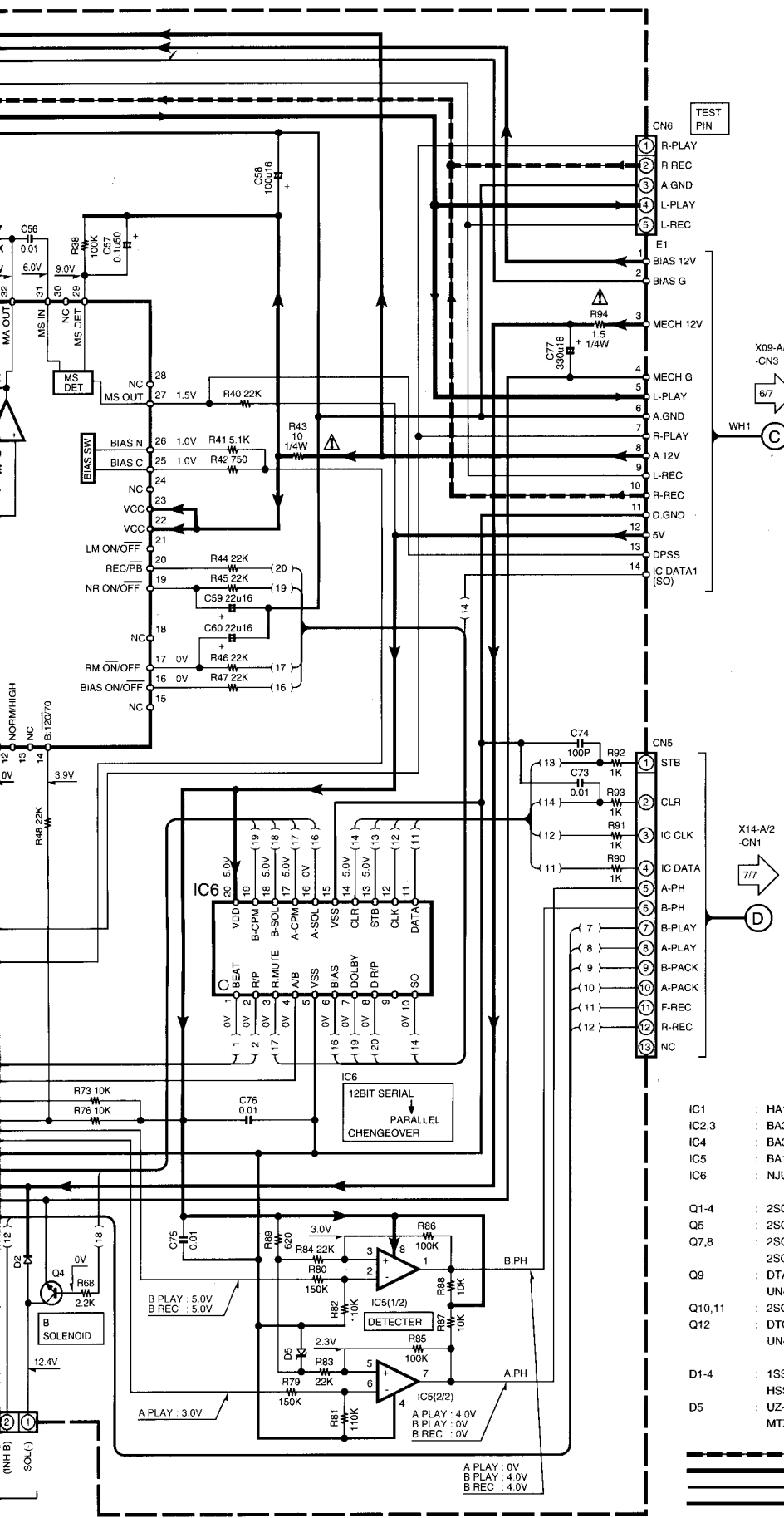
STOP/PLAY : 0.3V
 REC NOR : 6.1V
 HI : 12.3V
 METAL : 9.2V

B PLAY : 5.0V
 B REC : 5.0V

A PLAY : 3.0V

A-DECK

B-DECK

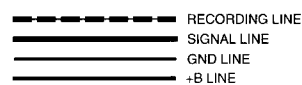


CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with a cassette loaded at playback mode. The measurement value may vary depending on the measuring instruments used or on the product. Bias circuit DC voltage is measured while in the record mode.

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- IC1 : HA12209F
- IC2,3 : BA328
- IC4 : BA3126N
- IC5 : BA10393
- IC6 : NJU3714D
- Q1-4 : 2SC3246
- Q5 : 2SC2003(L,K)
- Q7,8 : 2SC2785(F,E) or 2SC1740S(Q,R)
- Q9 : DTA124ESA or UN4112
- Q10,11 : 2SC1845(F,E)
- Q12 : DTC124ESA or UN4212
- D1-4 : 1SS133 or HSS104
- D5 : UZ-2.7BSB or MTJ2.7(B)

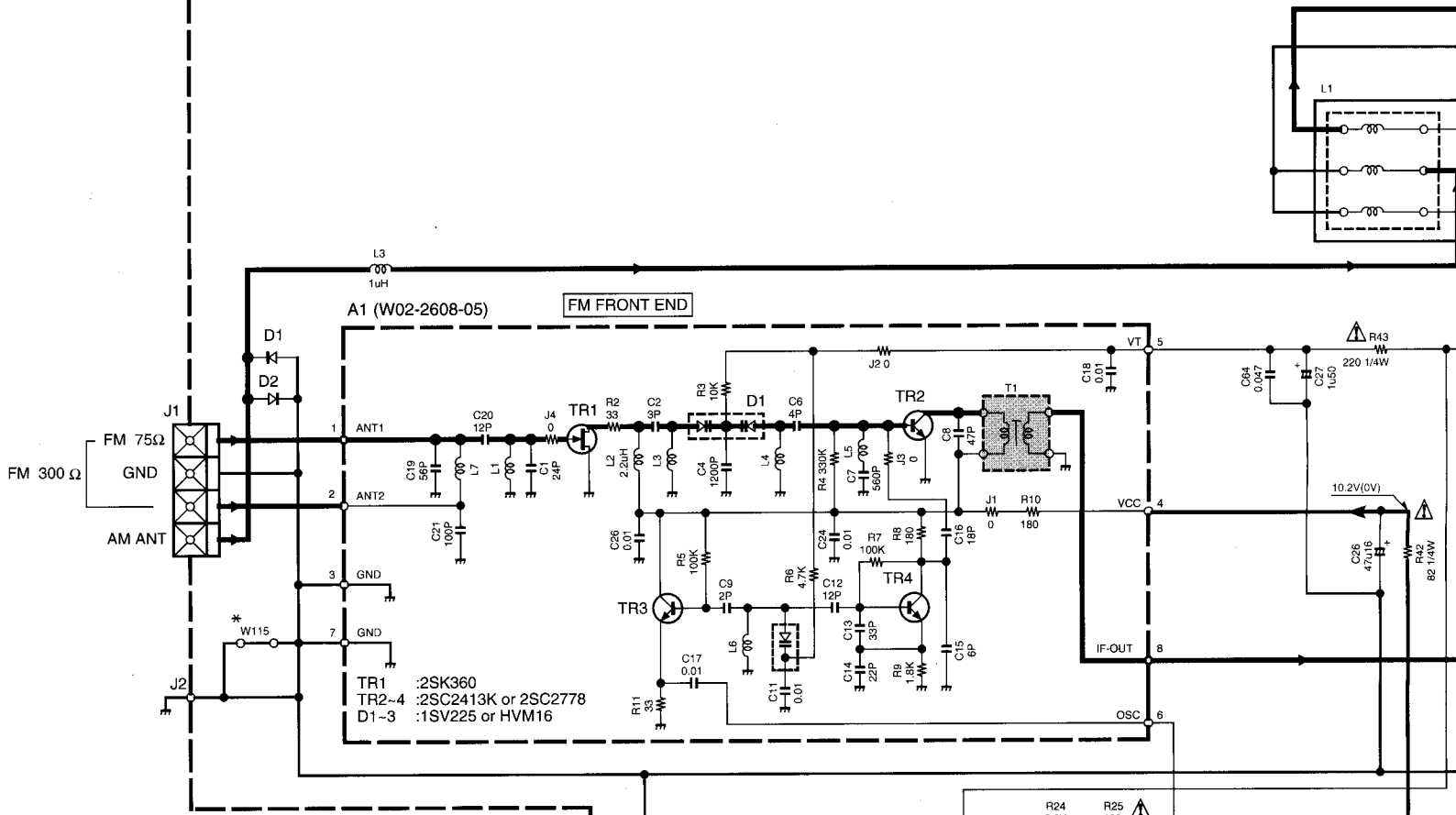


RXD-500/700(M) (2/7)

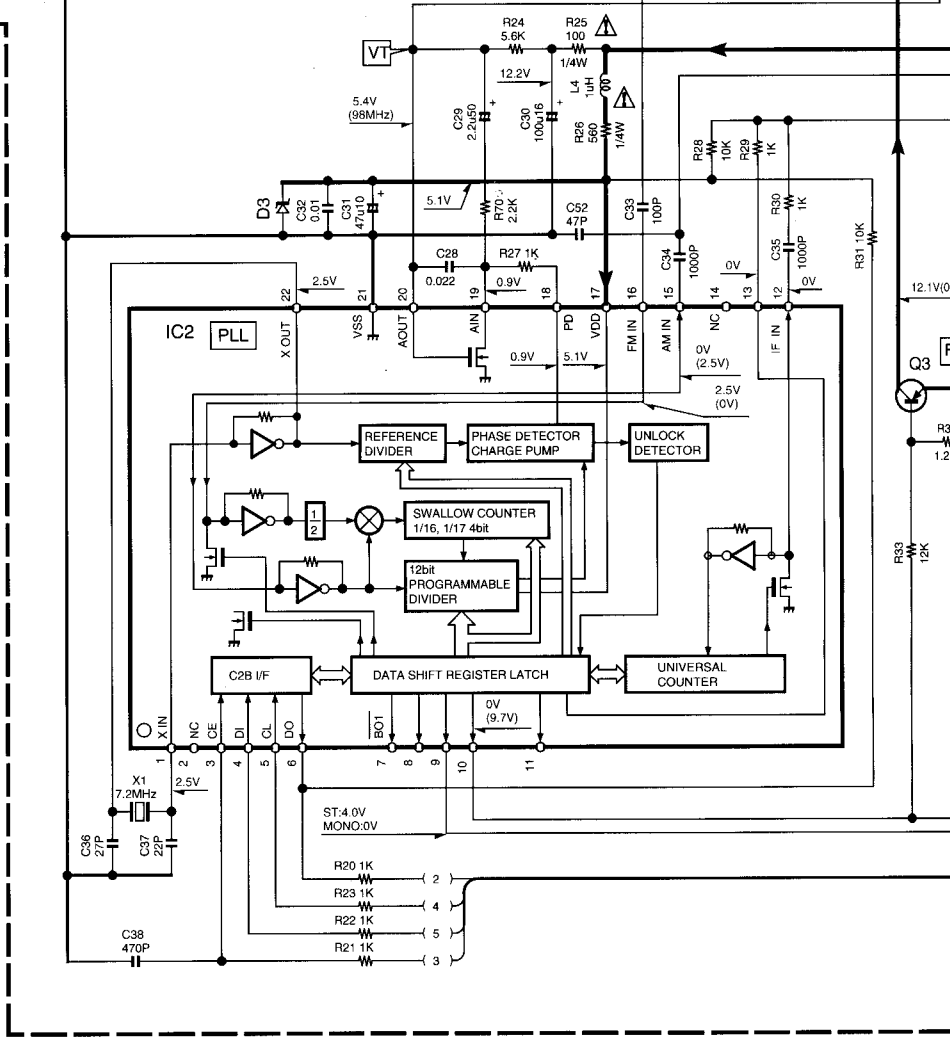
Y39-2540-21

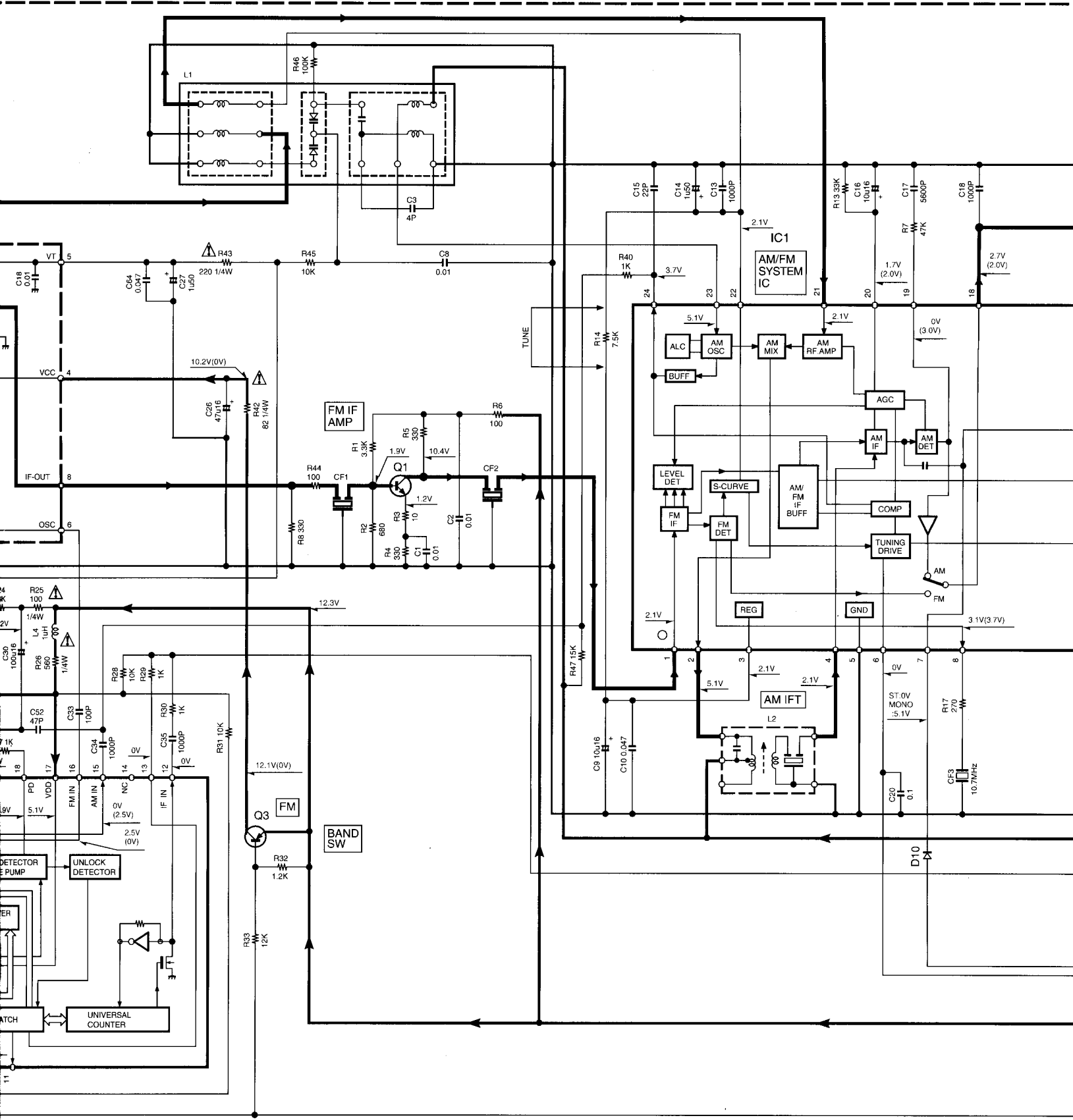


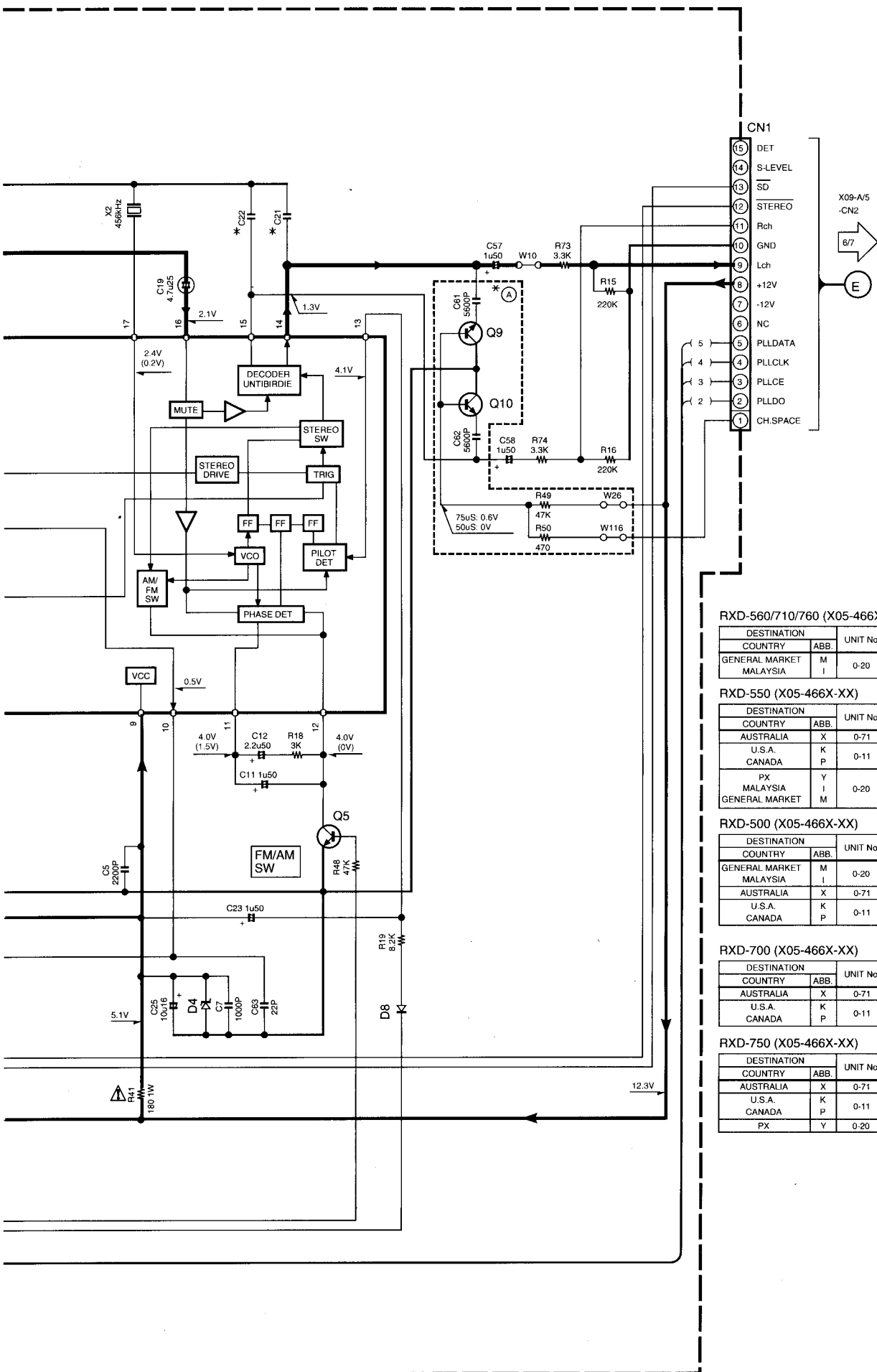
(X05-466X-XX) M,I,X,K,P,Y TYPE



- IC1 : LA1832
- IC2 : LC72131
- Q1 : 2SC2714(R,O)
- Q3 : 2SB1218A(Q,R) or 2SA1576A(R,S)
- Q5,9,10 : 2SD1819A(Q,R) or 2SC4081(R,S)
- D1,2,8 : 1SS133 or HSS104
- D3,4 : MTZJ5.1(B) or UZ-5.1BSB
- D10 : MA111







RXD-560/710/760 (X05-466X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	C21, 22	C61, 62	W115, 119
GENERAL MARKET	MALAYSIA	M I	0-20	YES	0.012	YES	YES

RXD-550 (X05-466X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	C21, 22	C61, 62	W115, 119
AUSTRALIA	X	0-71			0.012		
U.S.A.	K	0-11	NO		0.018	NO	NO
CANADA	P						
PX MALAYSIA	Y	0-20	YES		0.012	YES	YES
GENERAL MARKET	M						

RXD-500 (X05-466X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	C21, 22	C61, 62	W115, 119
GENERAL MARKET	MALAYSIA	M I	0-20	YES	0.012	YES	YES
AUSTRALIA	X	0-71					
U.S.A.	K	0-11	NO		0.018	NO	NO
CANADA	P						

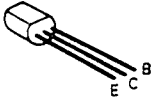
RXD-700 (X05-466X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	C21, 22	C61, 62	W115, 119
AUSTRALIA	X	0-71			0.012		
U.S.A.	K	0-11	NO		0.018	NO	NO
CANADA	P						

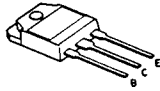
RXD-750 (X05-466X-XX)

DESTINATION	COUNTRY	ABB.	UNIT No.	(A)	C21, 22	C61, 62	W115, 119
AUSTRALIA	X	0-71			0.012		
U.S.A.	K	0-11	NO		0.018	NO	NO
CANADA	P						
PX	Y	0-20	YES		0.012	YES	YES

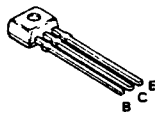
2SA1286-T11
2SA954
2SA992
2SC1845
2SC2003
2SC2878
2SC3246



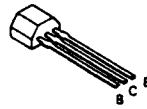
2SB1624
2SD2493



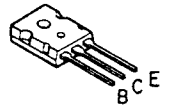
2SA1175
2SC2785



DTA124ESA
DTC124ESA
UN4112
2SC1740S



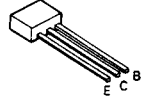
2SB1218A
2SC2714
2SC4081
2SD1819A



2SD2061



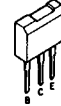
UN4212



2SD2012



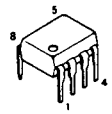
2SD1893



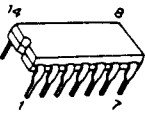
2SB1559
2SD2389



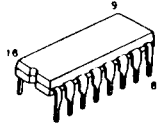
NJM4565D
NJM4565D-D



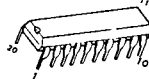
BU4066BC
TC4066BP



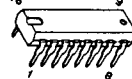
TC4052BP
TC74HC166AP



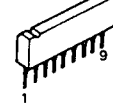
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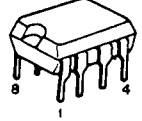
5AA657Q



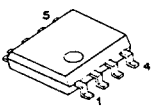
RA3126N



BA10393



NJM2904M



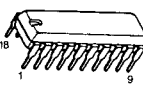
NJU3711D



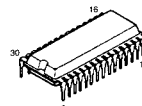
2SK302



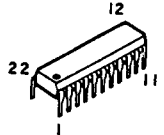
BA3834S



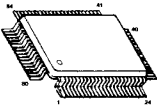
LA1836



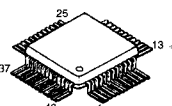
LC72131



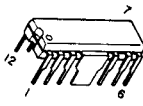
CXD2509Q



CXA1782BQ*1



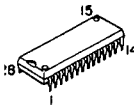
LB1648



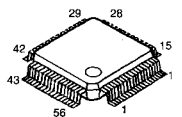
LA1832



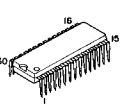
NJU7313AL



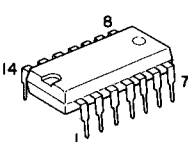
HA12209F



LA6537



M65844P



CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in () is actual reading measured in the AM made.

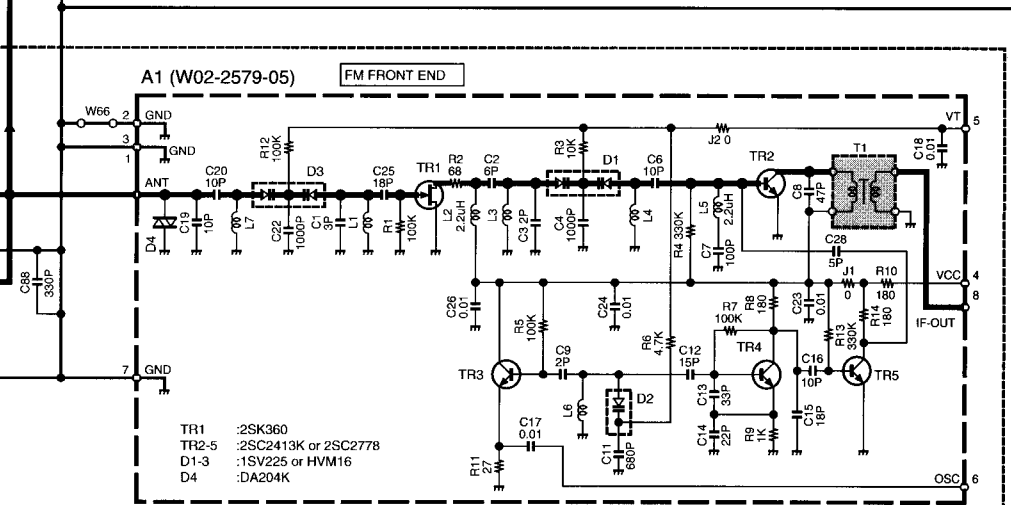
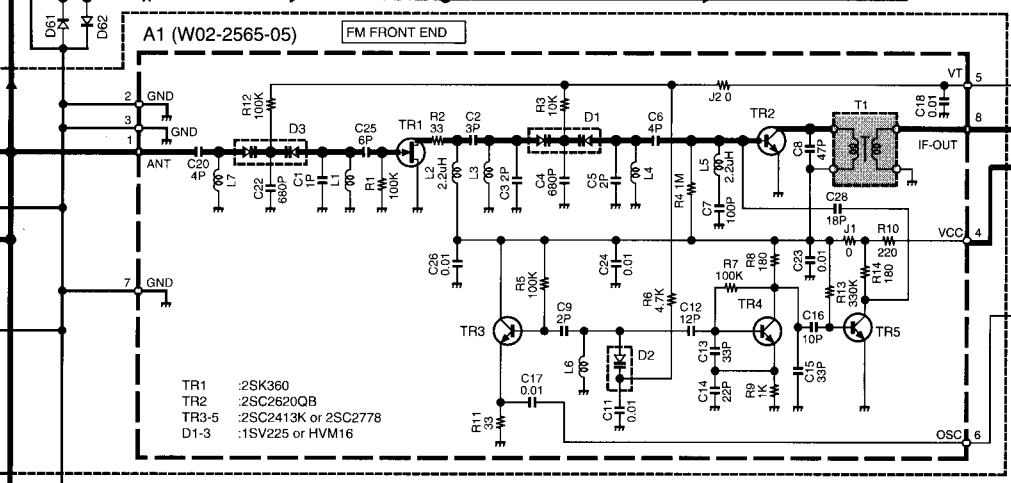
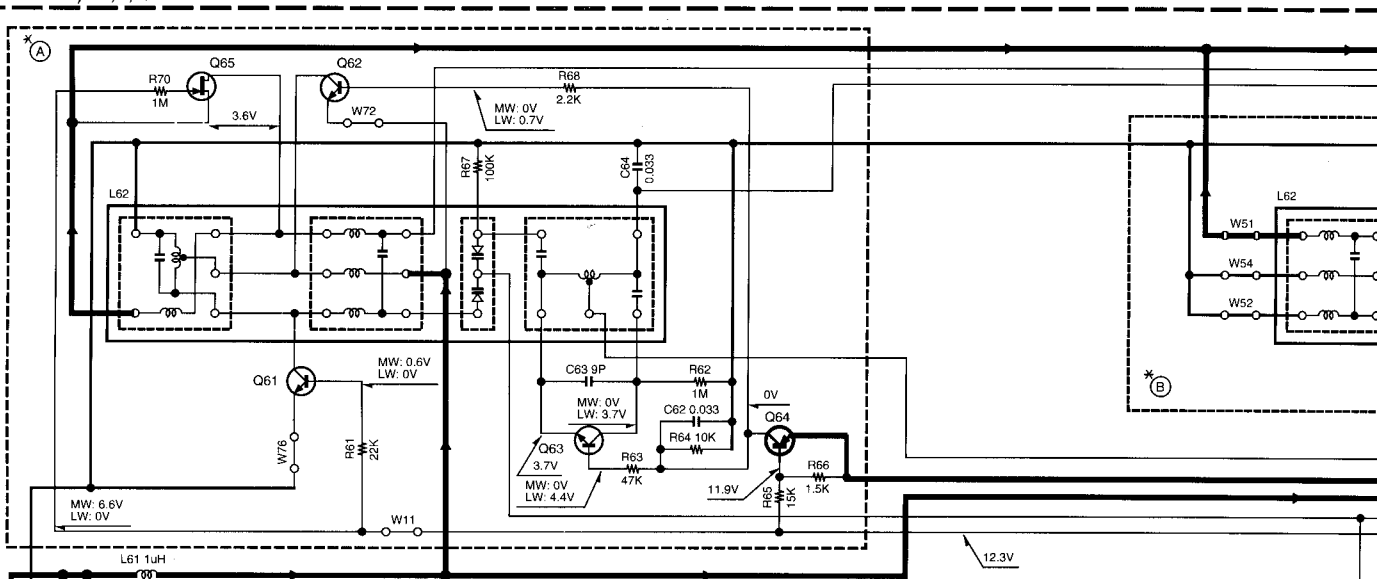
MODE	CARRIER	MODULATION		ANT INPUT
		FREQUENCY	DEVIATION	
FM	98MHz	1kHz	STEREO 67.5kHz 7.5kHz(Pilot)	60dB
AM	1000(999)kHz	400Hz	MONO 30% MOD	60dB

RXD-500/700

Y39-2540-21

KENWOOD

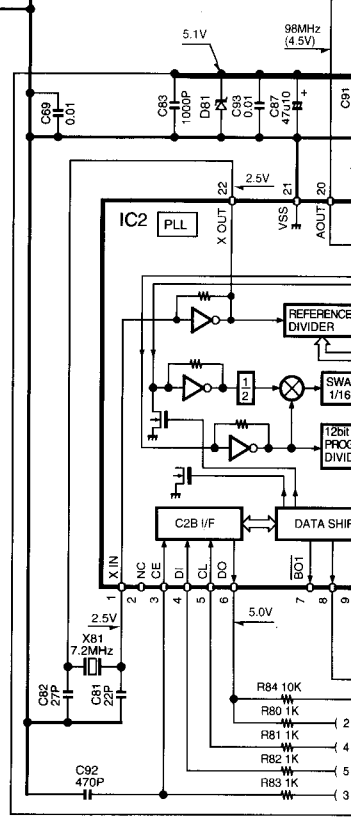
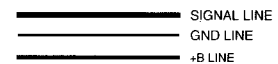
(X05-465X-XX) : T,E,Q TYPE

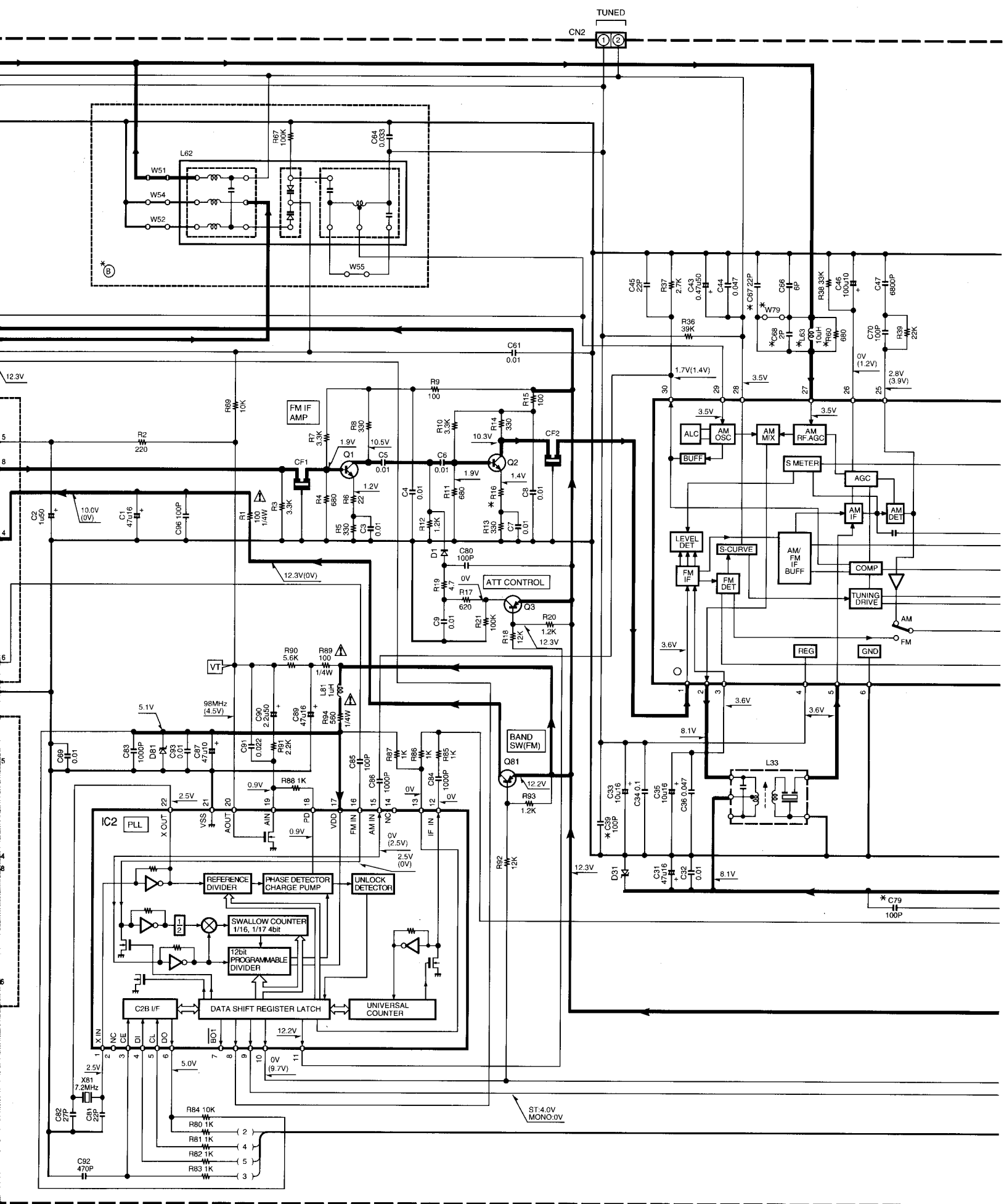


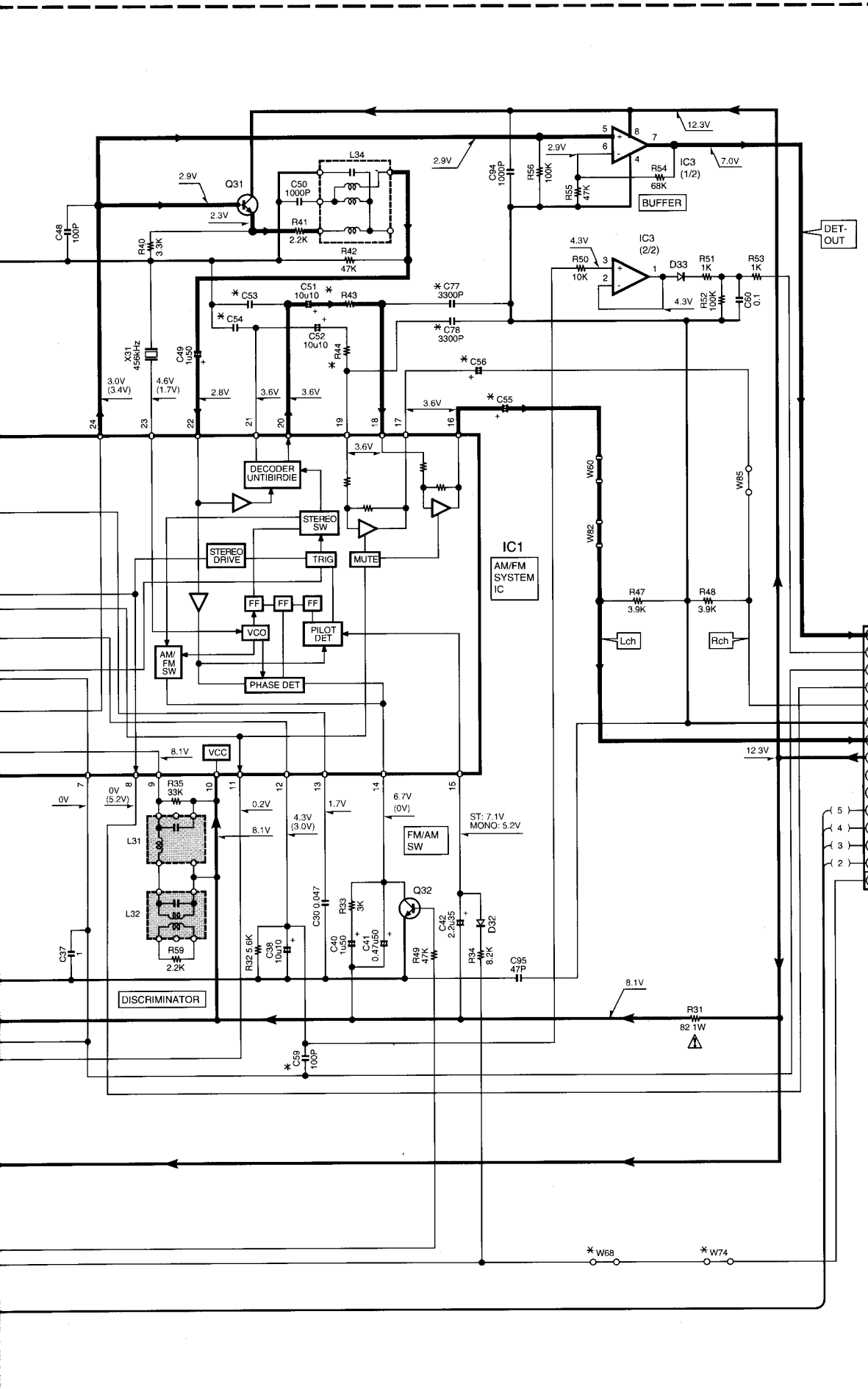
- IC1 : LA1836
- IC2 : LC72131
- IC3 : NJM2904M
- Q1,2 : 2SC2714(R,O)
- Q3,81,64 : 2SA1576A(R,S) or 2SB1218A(Q,R)
- Q31,32,61,62 : 2SC4081(R,S) or 2SD1819A(Q,R)
- Q63 : 2SC2878(B)
- Q65 : 2SK302(Y,GR)
- D1,33,61,62 : 1SS133 or HSS104
- D31 : MTZJ8.2(B) or UZ-8.2BSB
- D32 : MA111
- D81 : MTZJ5.1(B) or UZ-5.1BSB

VT VOLTAGE

BAND	FREQ	VT
FM	LF	2.3V
	HF	7.7V
AM	LF	1.2V
	HF	4.6V







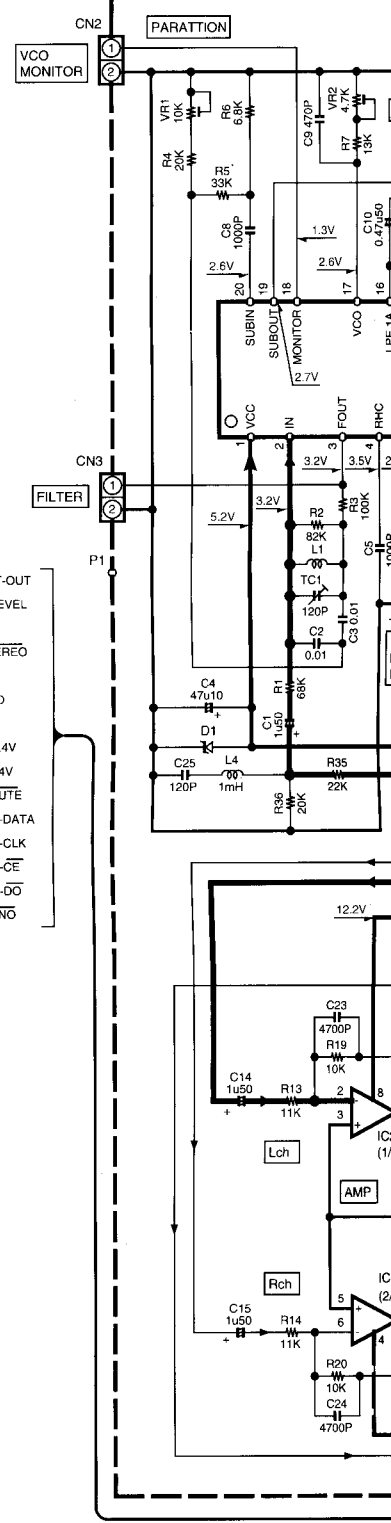
RXD-550/550/700/750 (X05-465X-XX)

DESTINATION COUNTRY ABB.	UNIT No.	(A)	(B)	C53, 54	C55, 56	C59, 79	C67	C68	C77
U.K.	T	0-51	YES	NO	0.015	2.2u35	NO	33P	NO
EUROPE	E	2-70	NO	YES			22P	YES	YES

RXD-500W/550W/700W (X05-465X-XX)

DESTINATION COUNTRY ABB.	UNIT No.	(A)	(B)	C53, 54	C55, 56	C59, 79	C67	C68	C77
RUSSIA	O	3-81	YES	NO	0.018	3.3u25	YES	22P	NO

POLAR UNIT (X04-1313-80) (Q)TYPE ONLY



RXD-550/550W/700/750 (X05-465X-XX)

DESTINATION COUNTRY ABB.	UNIT No.	(A)	(B)	C53, 54	C55, 56	C59, 79	C67	C68	C77, 78	R16	R43, 44	R60	L63	W68, 74	J2		
U.K.	T	0-51	YES	NO	0.015	2.2u35	NO	33P	NO	YES	33	22K	YES	NO	NO	F10-1053	
EUROPE	E	2-70	NO	YES	0.018	3.3u25	YES	22P	NO	NO	47	12K	NO	NO	NO	YES	F10-1088

RXD-500W/550W/700W (X05-465X-XX)

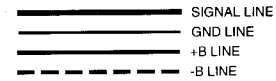
DESTINATION COUNTRY ABB.	UNIT No.	(A)	(B)	C53, 54	C55, 56	C59, 79	C67	C68	C77, 78	R16	R43, 44	R60	L63	W68, 74	J2		
RUSSIA	O	3-81	YES	NO	0.018	3.3u25	YES	22P	NO	NO	47	12K	NO	NO	NO	YES	F10-1088

(X04-)

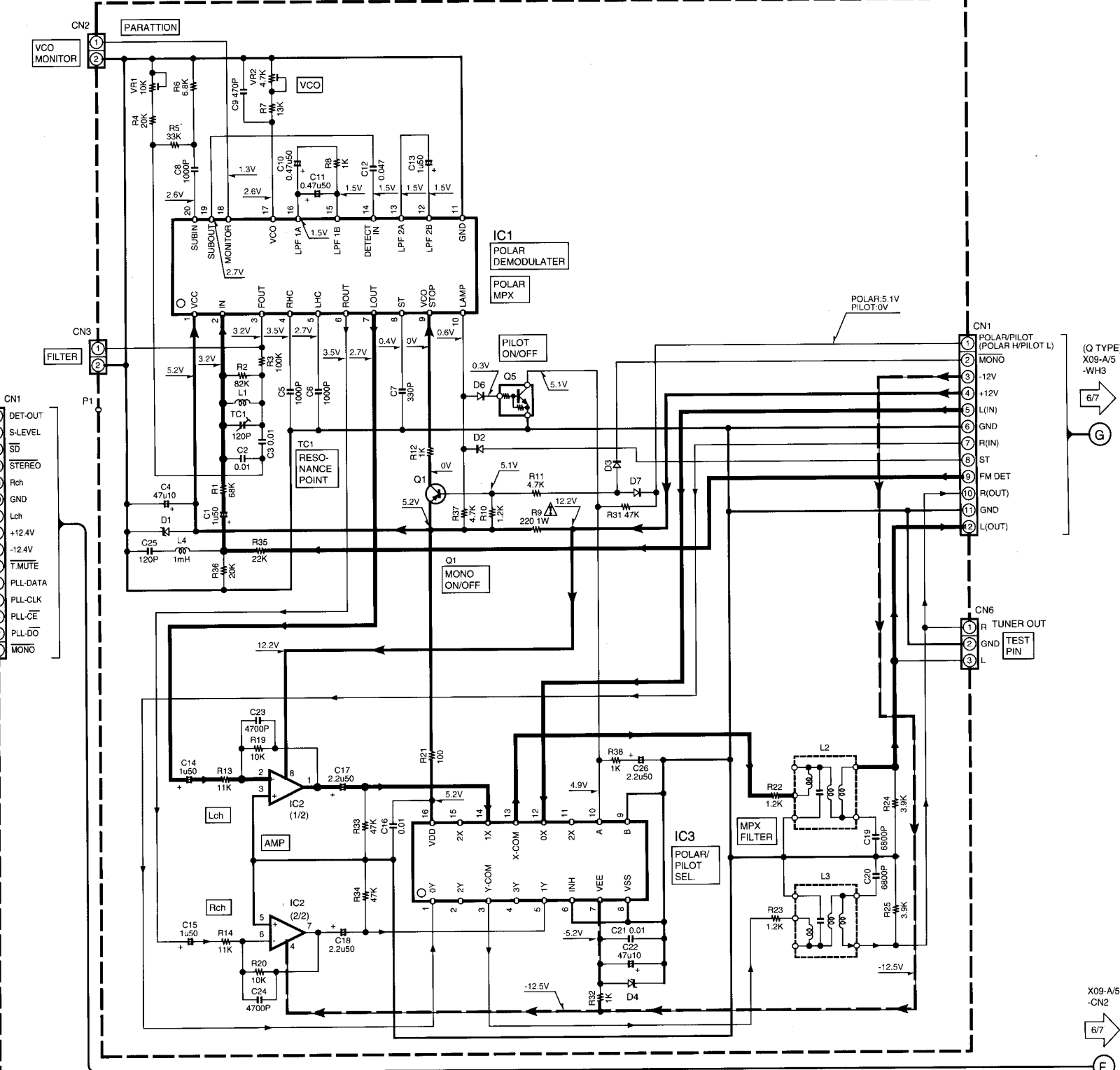
- IC1 : IR3R42
- IC2 : NJM4565D
- IC3 : TC4052BP

- Q1,4 : 2SA933AS(Q,R) or 2SA1175(F,E)
- Q5 : DTC124ESA or UN4212

- D1,4 : MTZJ5.1(B) or UZ-5.1BSB
- D2,3,6,7 : 1SS133 or HSS104



POLAR UNIT (X04-1313-80) (Q)TYPE ONLY



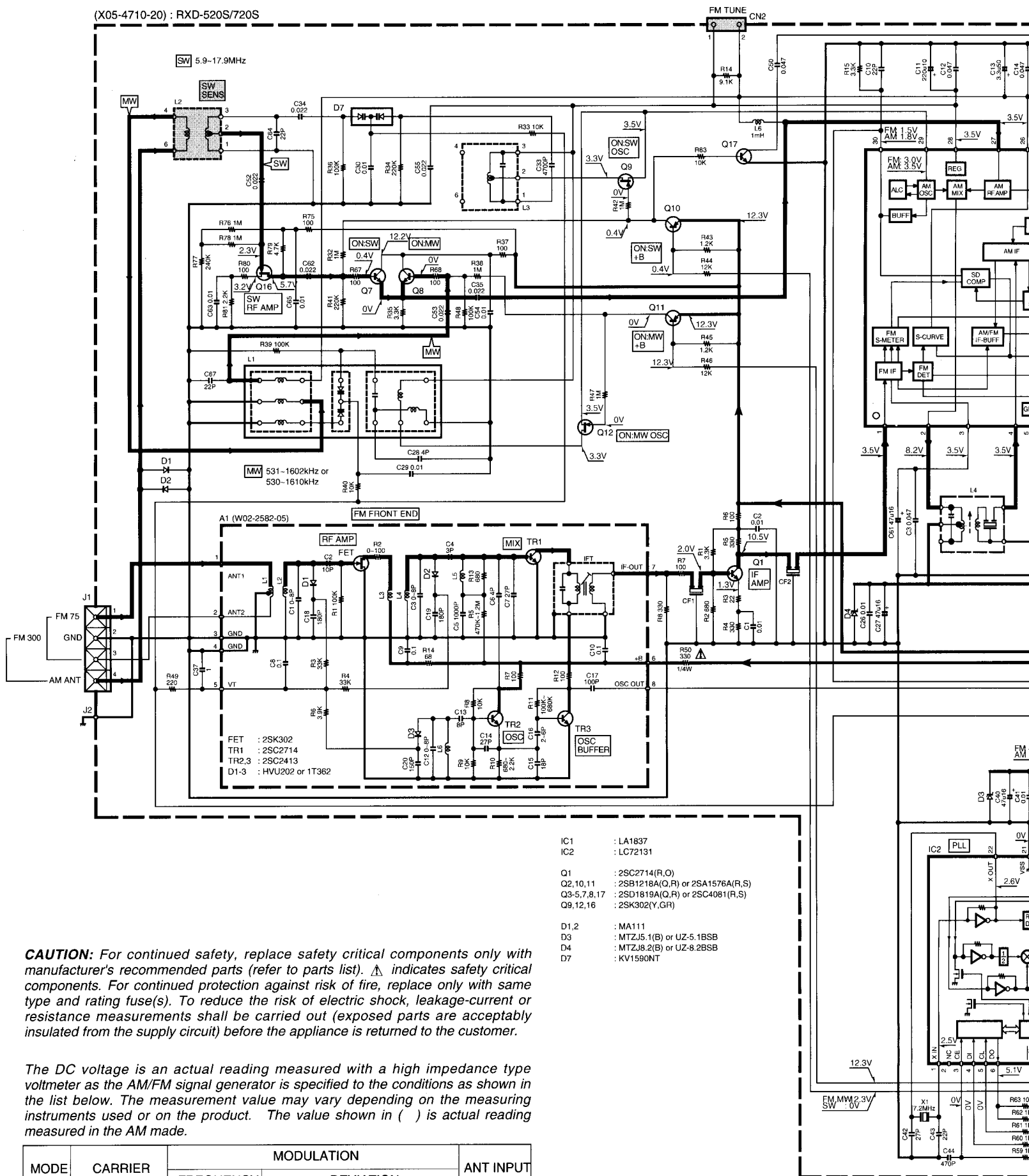
RXD-500/700(E) (4/7)

Y39-2540-21

RXD-500/7

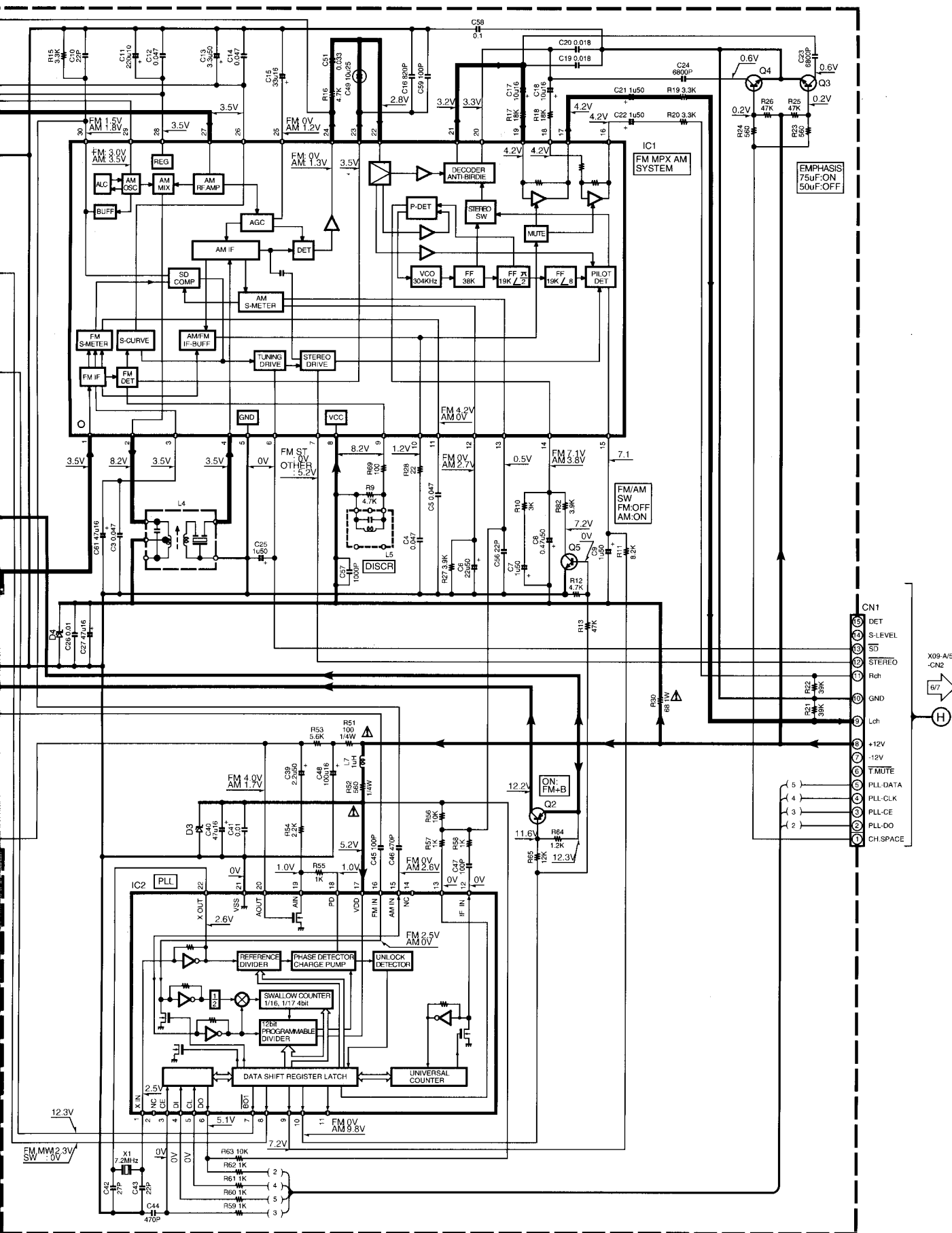
KENWOOD

(X05-4710-20) : RXD-520S/720S



- IC1 : LA1837
 IC2 : LC72131
- Q1 : 2SC2714(R,O)
 Q2,10,11 : 2SB1218A(Q,R) or 2SA1576A(R,S)
 Q3-5,7,8,17 : 2SD1819A(Q,R) or 2SC4081(R,S)
 Q9,12,16 : 2SK302(Y,GR)
- D1,2 : MA111
 D3 : MTZJ5.1(B) or UZ-5.1BSB
 D4 : MTZJ8.2(B) or UZ-8.2BSB
 D7 : KV1590NT

MODE	CARRIER	MODULATION		ANT INPUT
		FREQUENCY	DEVIATION	
FM	98MHz	1kHz	STEREO 67.5kHz 7.5kHz(Pilot)	60dB
AM	1000(999)kHz	400Hz	MONO 30% MOD	60dB



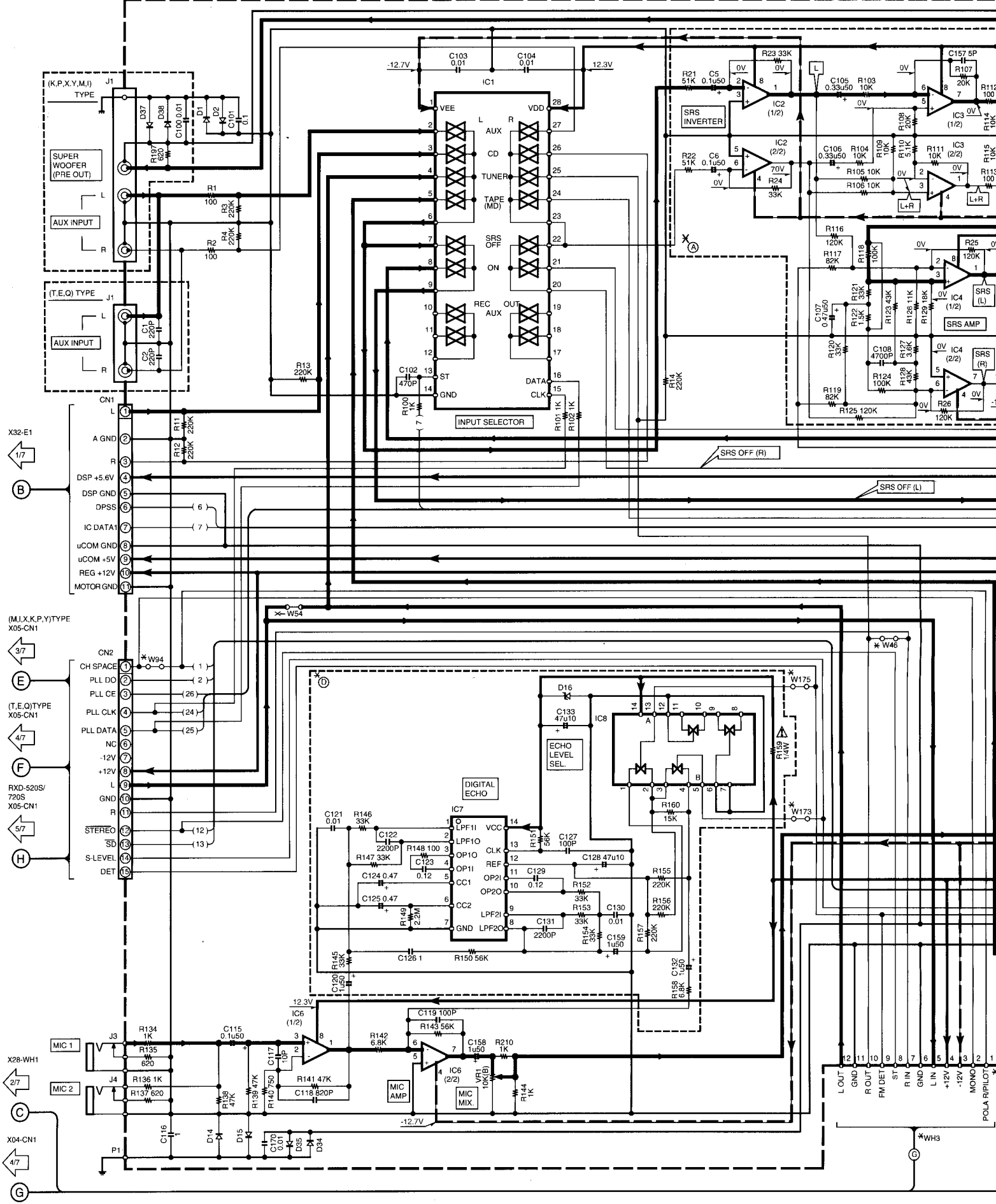
RXD-500/700(M) (5/7)

RXD-500/700

Y39-2540-21

KENWOOD

(X09-454X-XX) (A/5): RXD-500/500W/520S/550/550W/560
 (X09-461X-XX) (A/5): RXD-700/700W/710/720S/750/750W/760



1

2

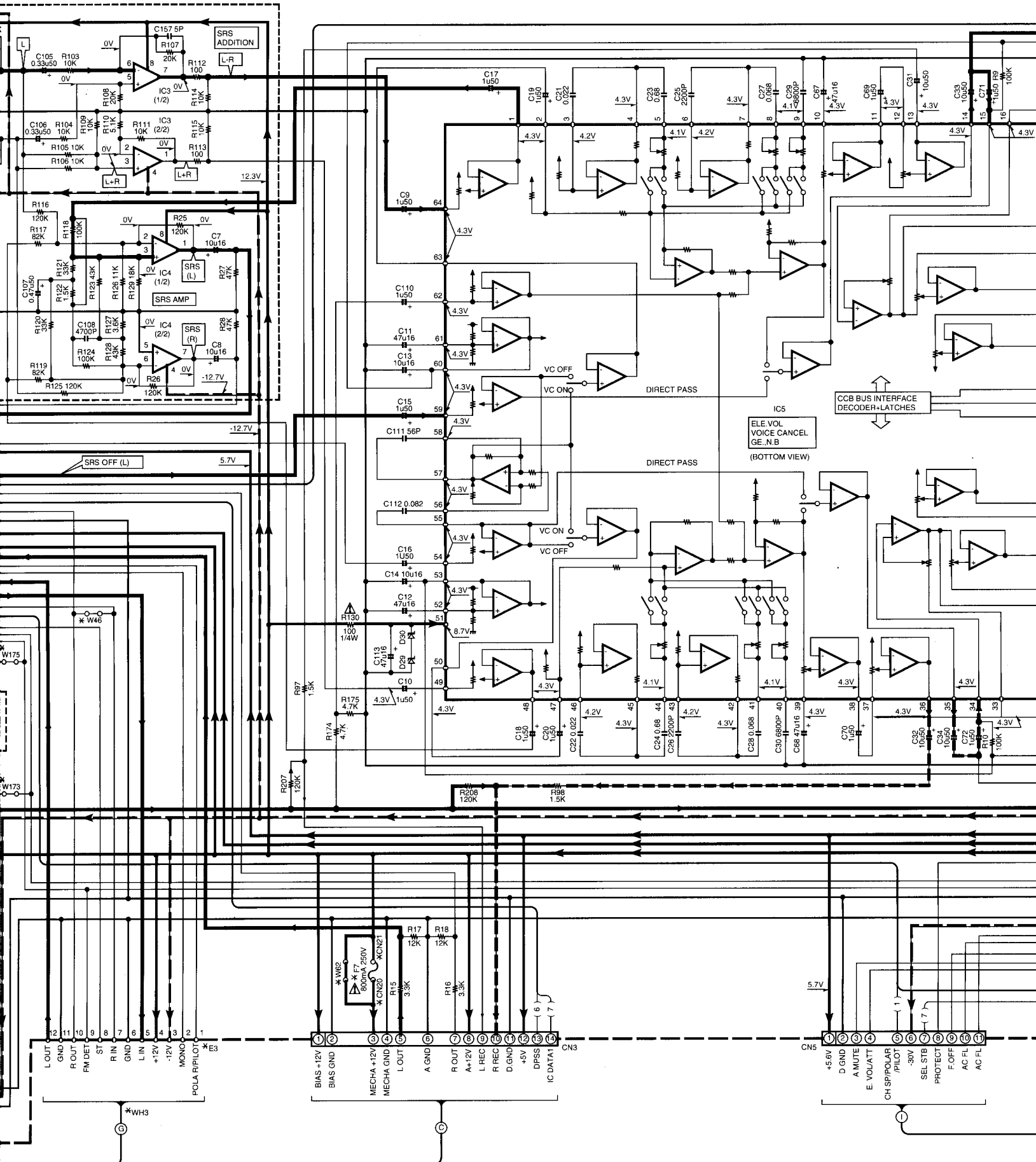
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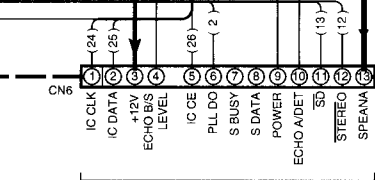
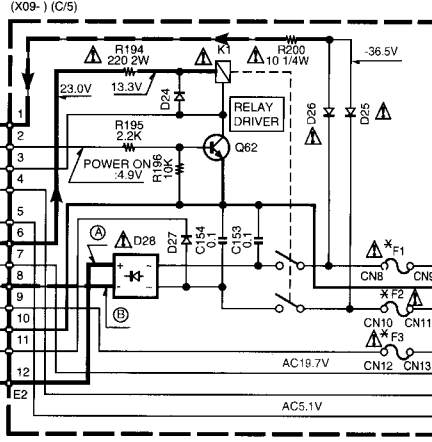
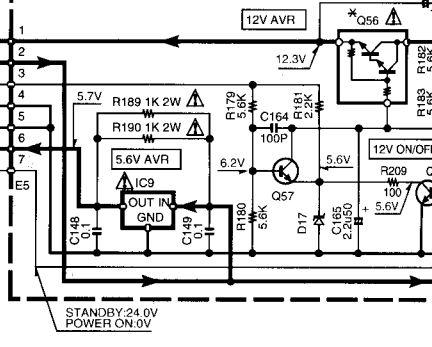
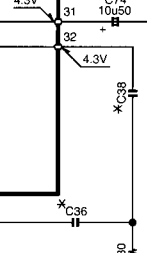
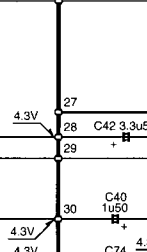
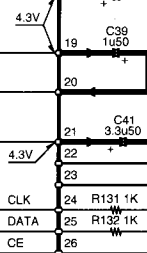
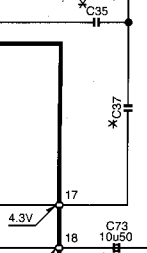
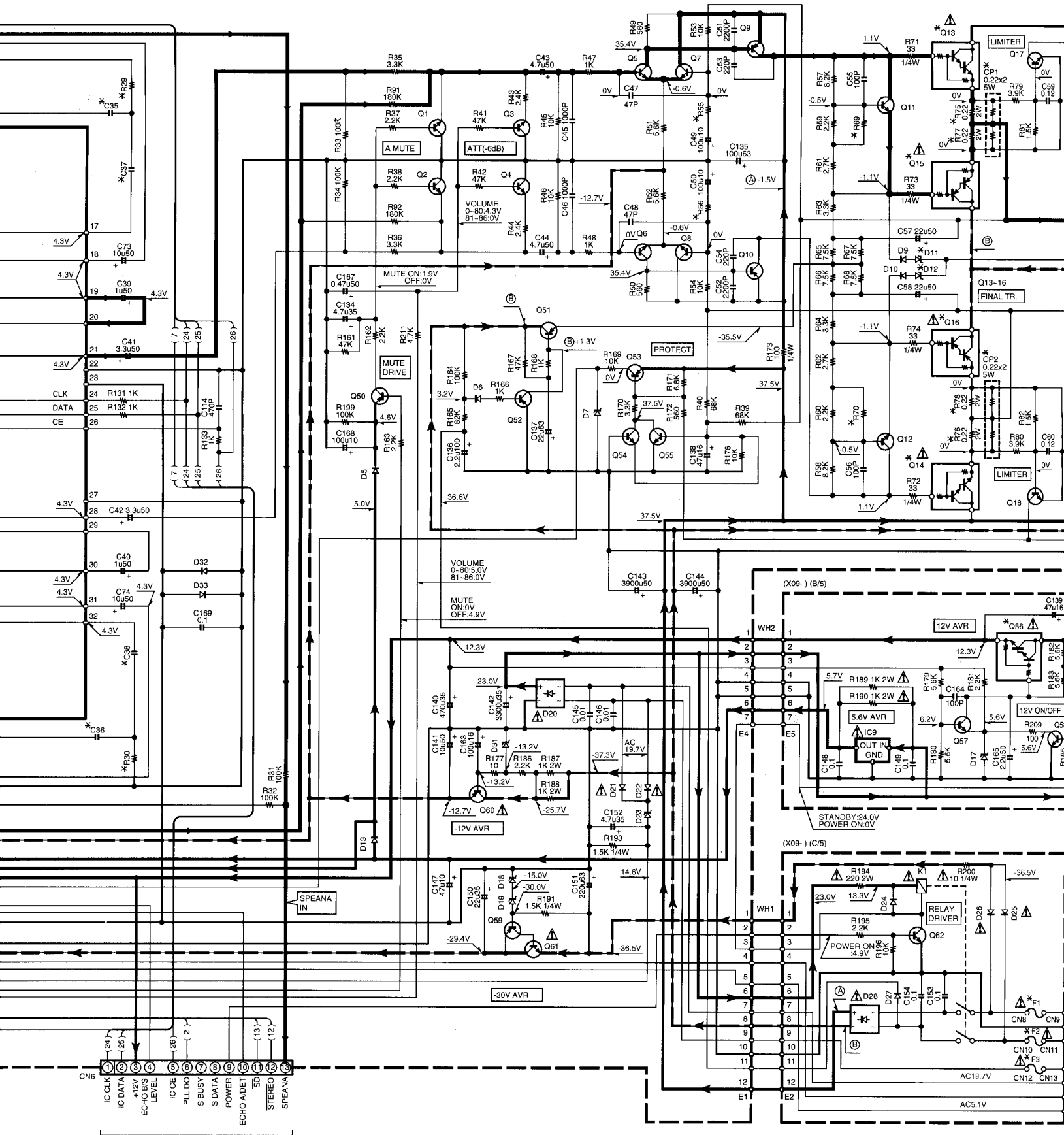
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5

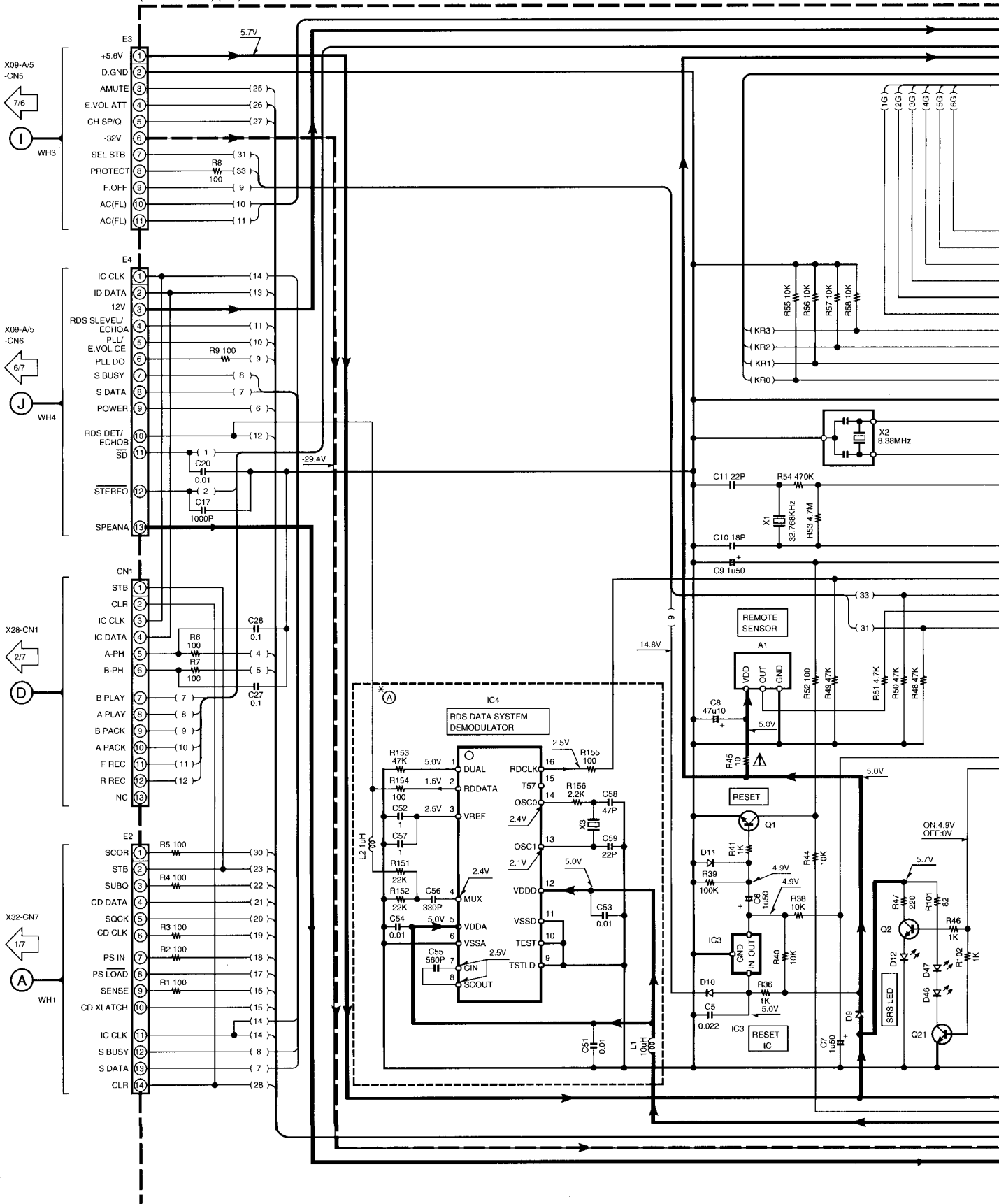
6

7





(X14-434X-XX) (A/2) : RXD-500/500W/520S/550/550W/560
 (X14-429X-XX) (A/2) : RXD-700/700W/710/720S/750/750W/760



RXD-560 (X14-434X-XX)

DESTINATION COUNTRY	ABB	UNIT No.	(A)	R17	R18	D20,21, 24,45	D22,23	W73
GENERAL MARKET	M	0-21	NO	18K	27K	YES	NO	YES
MALAYSIA	I							

RXD-550W/500W (X14-434X-XX)

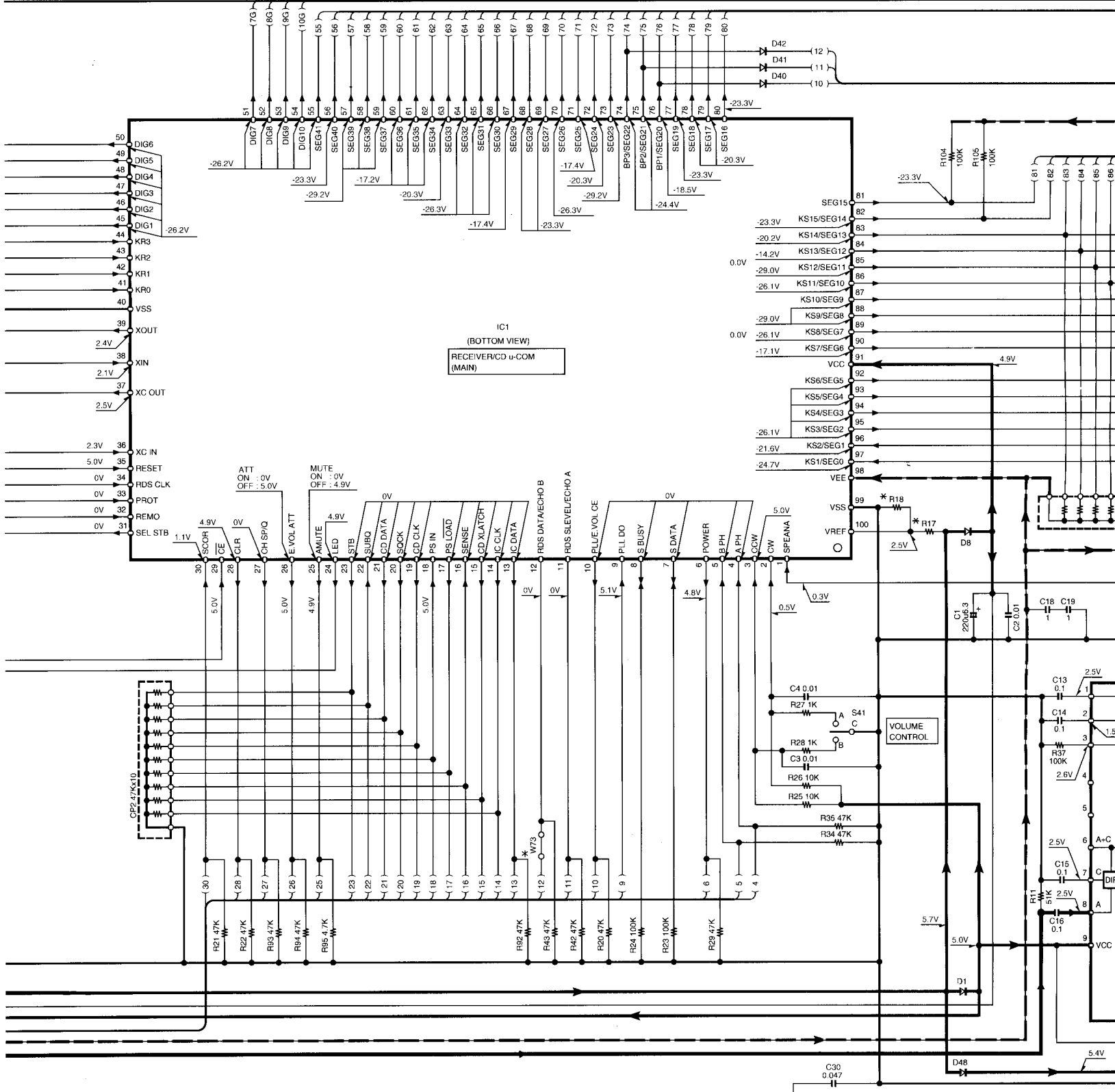
DESTINATION COUNTRY	ABB	UNIT No.	(A)	R17	R18	D20,21, 22,45	D23,24	W73
RUSSIA	Q	3-81	YES	5.6K	47K	YES	NO	NO

RXD-550 (X14-434X-XX)

DESTINATION COUNTRY	ABB	UNIT No.	(A)	R17	R18	D20	D21	D22	D23,24	D45	W73
AUSTRALIA	X	0-71	NO	18K	27K	YES	YES	NO			YES
U.K.	T	0-51				NO		YES			NO
EUROPE	E	2-71	YES	5.6K	47K	NO					NO
U.S.A.	K	0-11				NO	NO		NO	YES	
CANADA	P										YES
PX MALAYSIA	Y	I									
GENERAL MARKET	M	0-23				YES	YES	NO			

RXD-500 (X14-434X-XX)

DESTINATION COUNTRY	ABB	UNIT No.
AUSTRALIA	X	0-71
U.K.	T	0-51
EUROPE	E	2-71
U.S.A.	K	0-11
CANADA	P	I
MALAYSIA	Y	I
GENERAL MARKET	M	0-23



	(A) R17	R18	D20	D21	D22	D23	D24	D45	W73
NO	18K	27K	YES	YES	NO				YES
YES	5.6K	47K	NO	YES	YES		NO	NO	NO
			NO	NO	NO	NO	NO	YES	YES
NO	18K	27K	YES	YES	NO		YES		YES

RXD-520S (X14-434X-XX)

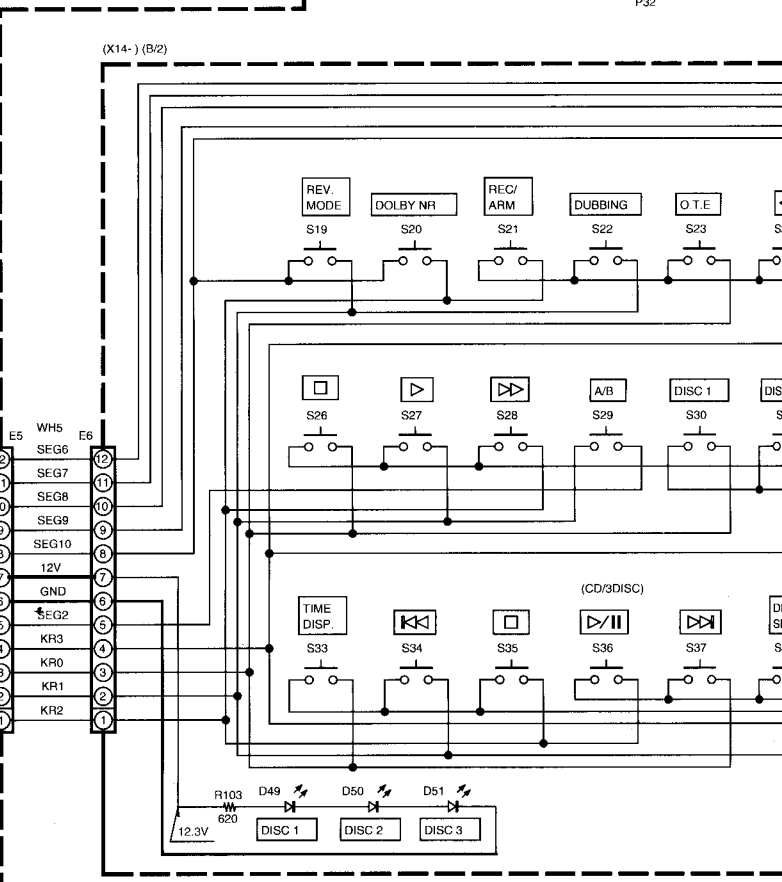
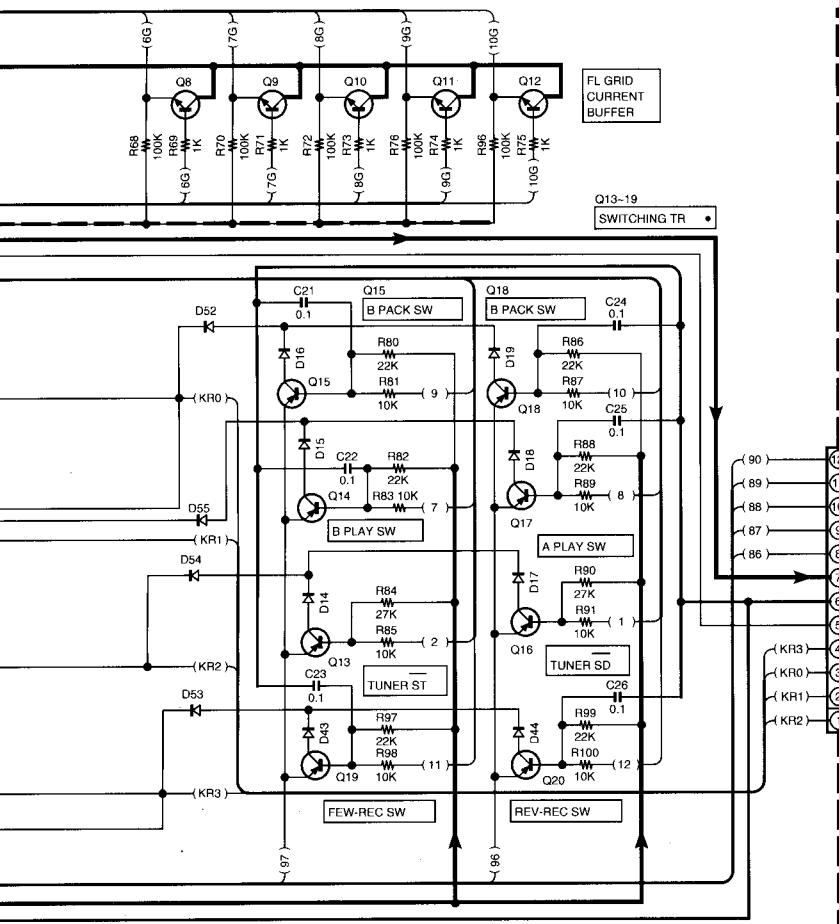
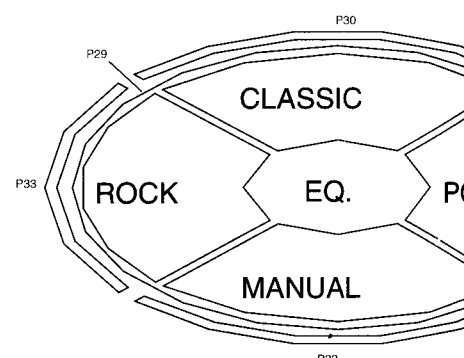
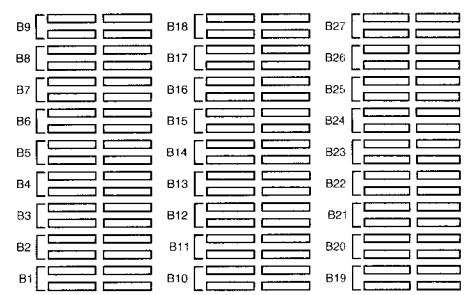
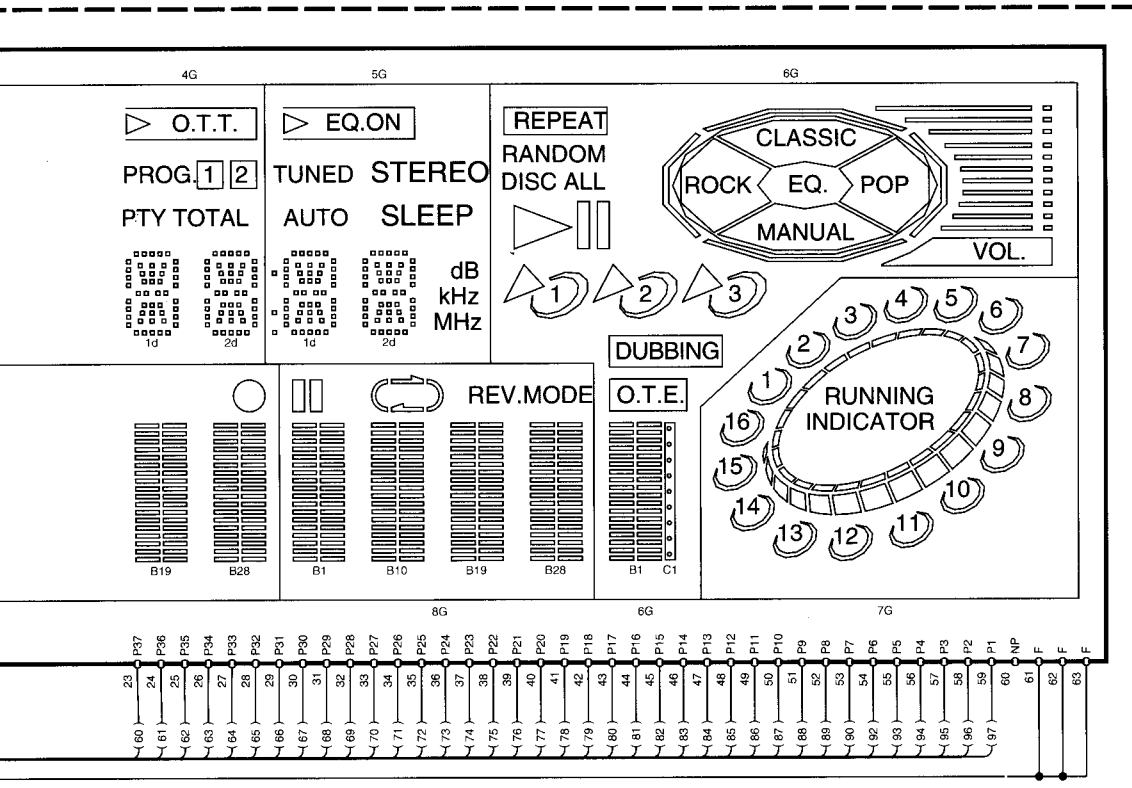
DESTINATION	COUNTRY	ABB	UNIT No.	(A)	R17	R18	D20, 21, 23	D22, 24	W73
GENERAL MARKET	M		0-24	NO	18K	27K	YES	NO	YES

RXD-760/710 (X14-429X-XX)

DESTINATION	COUNTRY	ABB	UNIT No.	(A)	R17	R18	D20, 21, 24	D22, 23, 45	W73
GENERAL MARKET	M		0-20	NO	18K	27K	YES	NO	YES
MALAYSIA	M	I							

RXD-750 (X14-429X-XX)

DESTINATION	COUNTRY	ABB	UNIT No.	(A)	R17	R18	D20	D21
AUSTRALIA	X		0-71	NO	18K	27K	YES	YES
U.K.	T		0-51				NO	YES
EUROPE	E		2-71	YES	5.6K	47K	YES	YES
U.S.A.	K		0-11				NO	NO
CANADA	P			NO	18K	27K	YES	YES
PX	Y		2-91				YES	YES



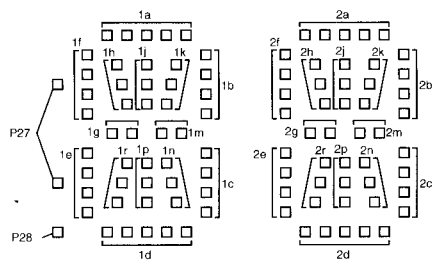
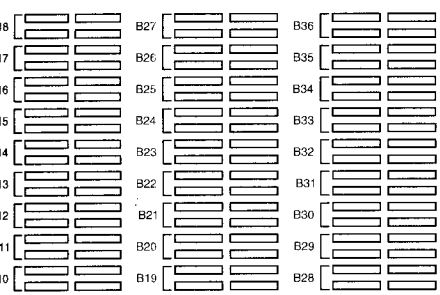
- IC1 : M38199MF-062FP
- IC2 : BA3834S
- IC3 : S-806D-Z or PST993D-T
- IC4 : SAA6579

- Q1-12,21 : 2SC4081
- Q13-20 : 2SB1218A(Q,R) or 2SA1576A(R,S)

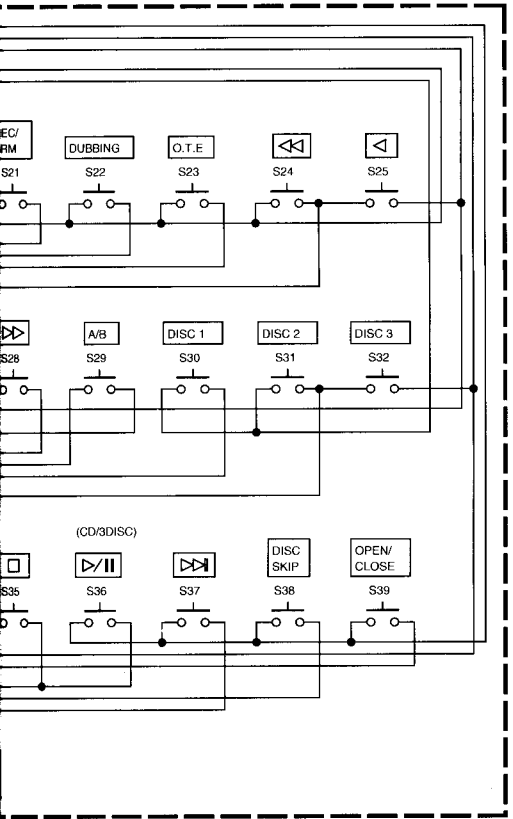
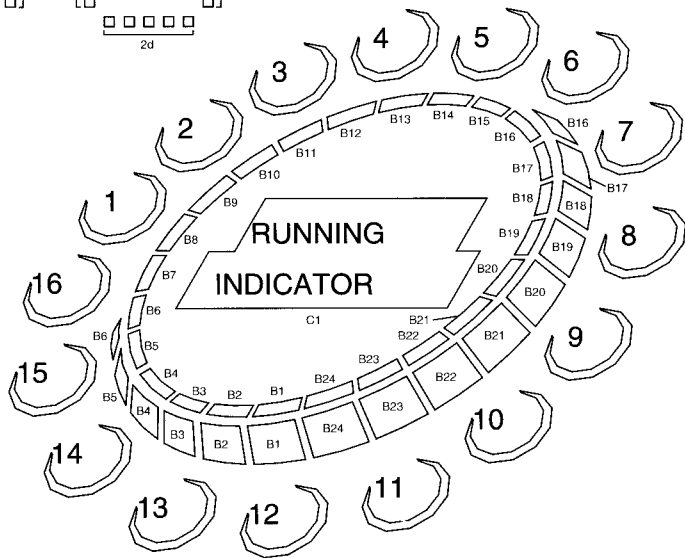
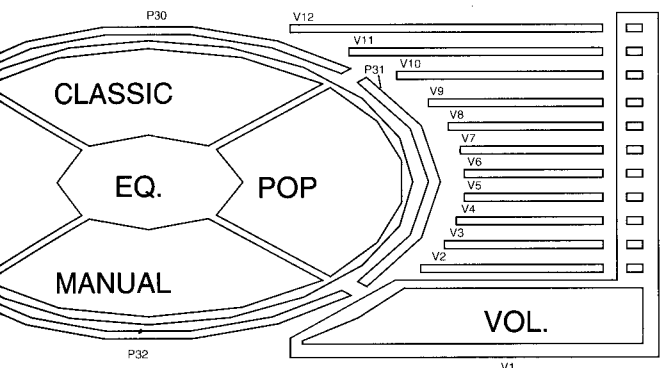
- D1,8,9-11,14-24,26-45,48 : 1SS131 or H5S104A
- D12,46,47 : B30-2462-05
- D49-51 : B30-2468-05
- D13 : MTZJ6.8(B) or UZ-6.88SB

- ED1 : FIP10HMW6R
- A1 : W02-2561-05

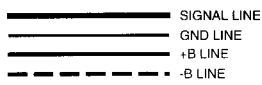
The DC voltage is an actual reading measured with a high impedance type voltmeter with a cassette loaded at playback mode. The measurement value may vary depending on the measuring instruments used or on the product. Bias circuit DC voltage is measured while in the record mode.



CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). **⚠** indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.



	1G	2G	3G	4G	5G	6G	7G	8G	9G	10G
P1	EON	TA	INFO.	TOTAL	SLEEP	B3	B15	B3	B3	B3
P2	R.D.S	TP	NEWS	PTY	AUTO	ALL	B14	B12	B12	B12
P3	INTRO	P.B.C.	MEMORY	2	STEREO	DISC	B13	B21	B21	B21
P4	PGM	EDIT	-	1	TUNED	RANDOM	B12	B30	B30	B30
P5	-	-	-	-	PLOG.	-	B2	B11	B2	B2
P6	EX.BASS	N.B.	ECHO	O.T.T.	EQ.ON	P32	B10	B11	B11	B11
P7	[Play]	[Play]	[Play]	[Play]	[Play]	P33	B20	B20	B20	B20
P8	-	-	-	-	MHz	P30	B29	B29	B29	B29
P9	-	-	-	-	kHz	B1	B1	B1	B1	B1
P10	-	-	-	-	dB	P31	B10	B10	B10	B10
P11	-	-	-	-	-	P29	B19	B19	B19	B19
P12	-	-	-	-	-	REPEAT	B28	B28	B28	B28
P13	1a	1a	1a	1a	1a	C1	B9	-	-	C1
P14	1b	1b	1b	1b	1b	[Play]	B16	B31	B31	B31
P15	1k	1k	1k	1k	1k	[Repeat]	B22	B22	B22	B22
P16	1j	1j	1j	1j	1j	1 2 3	C1	B13	B13	B13
P17	1h	1h	1h	1h	1h	B4	B17	B4	B4	B4
P18	1f	1f	1f	1f	1f	[Play] (1)	B32	B32	B32	B32
P19	1g	1g	1g	1g	1g	[Play] (2)	B8	B23	B23	B23
P20	1m	1m	1m	1m	1m	[Play] (3)	B14	B14	B14	B14
P21	1c	1c	1c	1c	1c	B5	B5	B5	B5	B5
P22	1n	1n	1n	1n	1n	[Play] (1)	B18	B33	B33	B33
P23	1r	1r	1r	1r	1r	[Play] (2)	B7	B24	B24	B24
P24	1p	1p	1p	1p	1p	[Play] (3)	B15	B15	B15	B15
P25	1e	1e	1e	1e	1e	B6	B19	B6	B6	B6
P26	1d	1d	1d	1d	1d	V1	B20	B34	B34	B34
P27	-	-	-	-	-	P27 (.)	V2	B6	B25	B25
P28	-	-	-	-	-	P28 (.)	V3	B5	B16	B16
P29	2a	2a	2a	2a	2a	B7	B7	B7	B7	B7
P30	2b	2b	2b	2b	2b	V4	B4	B35	B35	B35
P31	2k	2k	2k	2k	2k	V5	B21	B26	B26	B26
P32	2j	2j	2j	2j	2j	DUBBING	B3	B17	B17	B17
P33	2h	2h	2h	2h	2h	B8	B2	B8	B8	B8
P34	2f	2f	2f	2f	2f	V12	B1	B36	B36	B36
P35	2g	2g	2g	2g	2g	V6	B22	B27	B27	B27
P36	2m	2m	2m	2m	2m	V11	B23	B18	B18	B18
P37	2c	2c	2c	2c	2c	B9	B24	B9	B9	B9
P38	2n	2n	2n	2n	2n	V7	REV.MODE	[Play]	[Play]	[Play]
P39	2r	2r	2r	2r	2r	V8	[Play]	B	A	A
P40	2p	2p	2p	2p	2p	V9	[Play]	[Play]	[Play]	[Play]
P41	2e	2e	2e	2e	2e	V10	[Play]	[Play]	[Play]	[Play]
P42	2d	2d	2d	2d	2d	O.T.E	[Play]	[Play]	[Play]	DOLBY NR



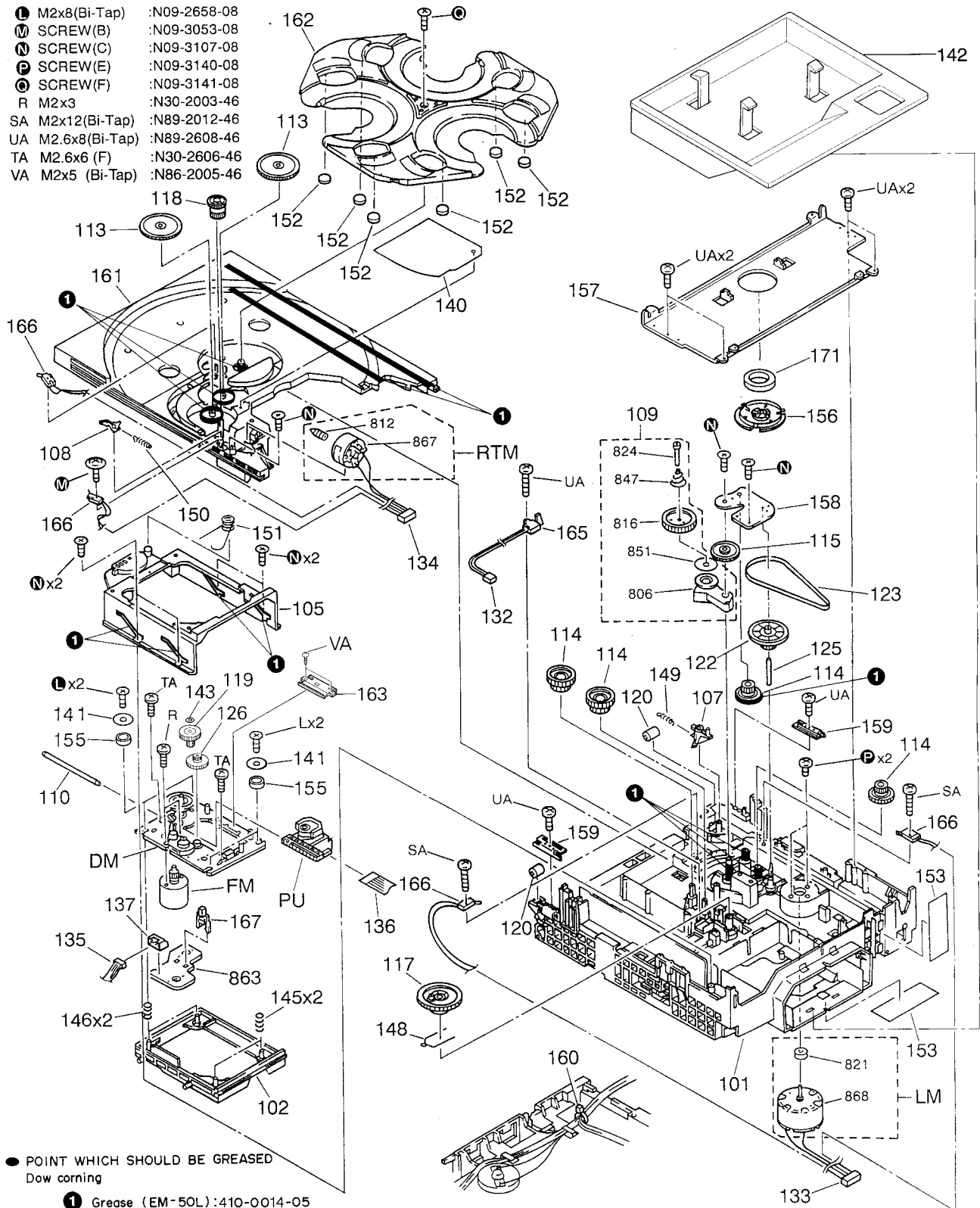
RXD-500/700(M) (7/7)

Playback mode. The measurement while in the record mode.

RXD-500/700
KENWOOD

EXPLODED VIEW (CD MECHANISM)

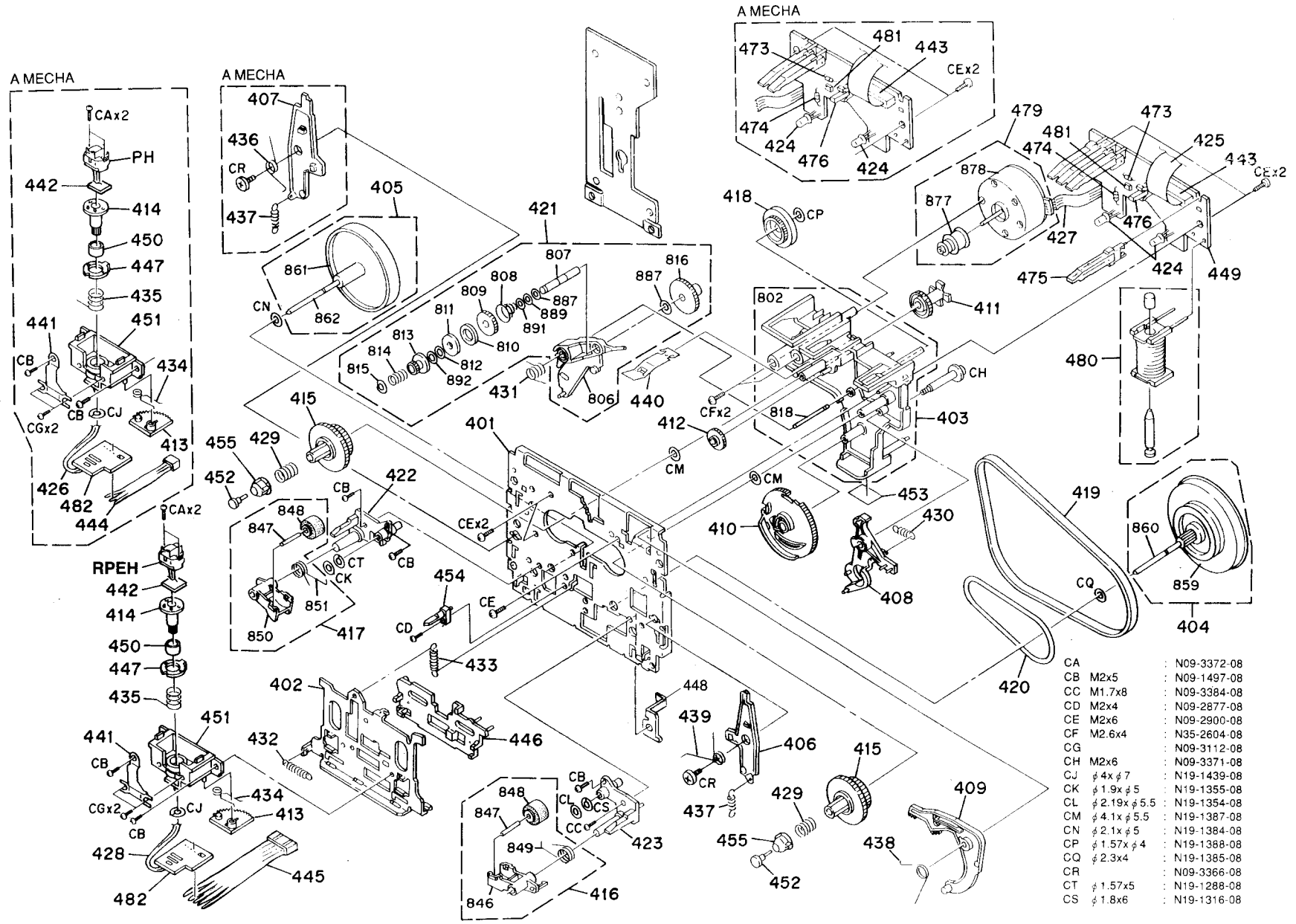
- M2x8(Bi-Tap) :N09-2658-08
- M SCREW(B) :N09-3053-08
- N SCREW(C) :N09-3107-08
- P SCREW(E) :N09-3140-08
- Q SCREW(F) :N09-3141-08
- R M2x3 :N30-2003-46
- SA M2x12(Bi-Tap) :N89-2012-46
- UA M2.6x8(Bi-Tap) :N89-2608-46
- TA M2.6x6 (F) :N30-2606-46
- VA M2x5 (Bi-Tap) :N86-2005-46



B341

RXD-500/700

EXPLODED VIEW (CASSETTE DECK MECHANISM)



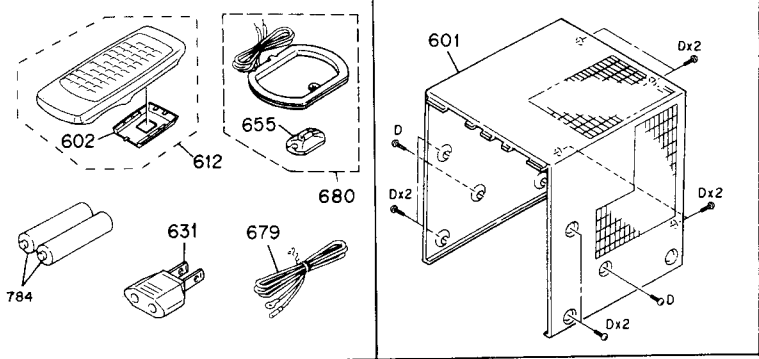
CA	M2x5	: N09-3372-08
CB	M2x5	: N09-1497-08
CC	M1.7x8	: N09-3384-08
CD	M2x4	: N09-2877-08
CE	M2x6	: N09-2900-08
CF	M2.6x4	: N35-2604-08
CG		: N09-3112-08
CH	M2x6	: N09-3371-08
CJ	φ 4x φ 7	: N19-1439-08
CK	φ 1.9x φ 5	: N19-1355-08
CL	φ 2.19x φ 5.5	: N19-1354-08
CM	φ 4.1x φ 5.5	: N19-1387-08
CN	φ 2.1x φ 5	: N19-1384-08
CP	φ 1.57x φ 4	: N19-1388-08
CQ	φ 2.3x4	: N19-1385-08
CR		: N09-3366-08
CT	φ 1.57x5	: N19-1288-08
CS	φ 1.8x6	: N19-1316-08

Parts with the exploded numbers larger than 700 are not supplied.

F

G

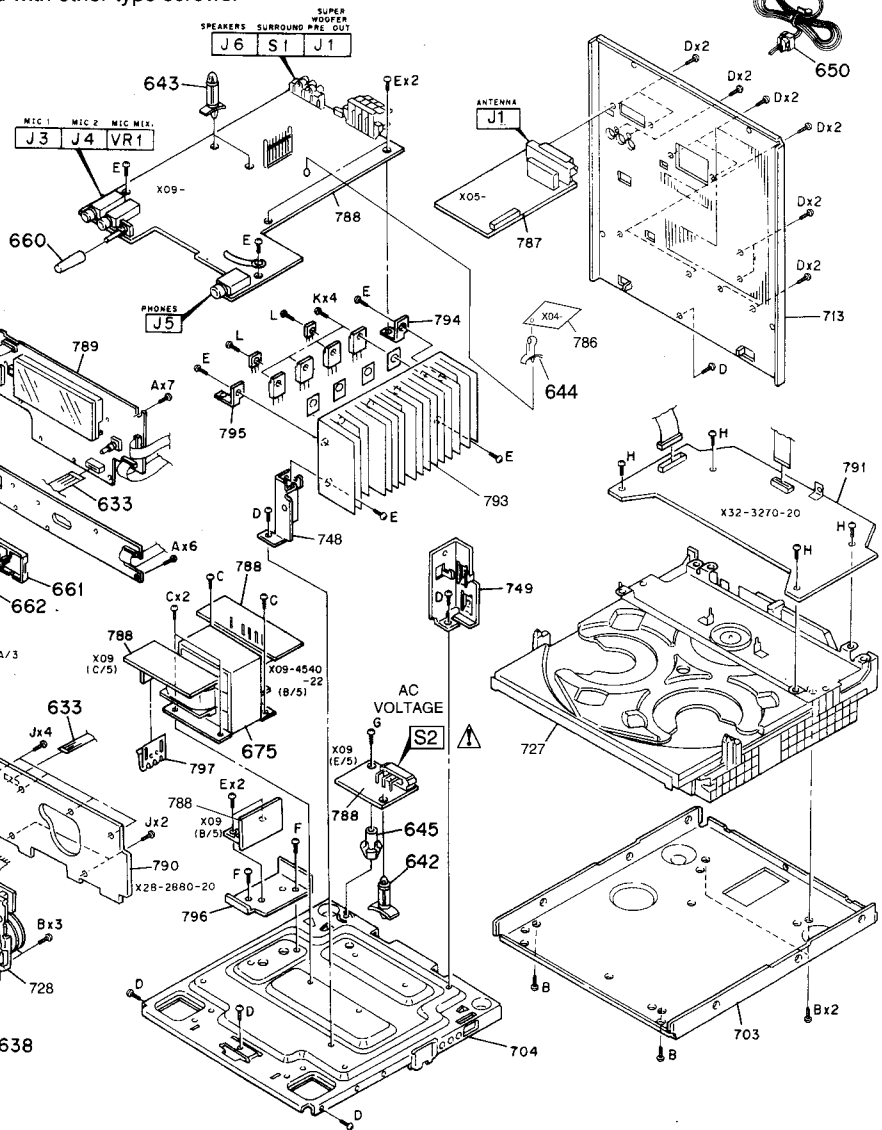
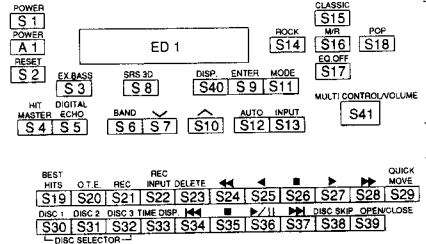
H



CAUTION

△ The screws which secure 788 to rear panel shall be N89-3008-45(ø3x8) and not be replaced with other type screws.

- A ø 2.6x8 : N82-2608-46
- B ø 3x8 : N82-3008-46
- C M4x6 : N86-4006-46
- D ø 3x8 (BLK) : N89-3008-45
- E ø 3x8 : N89-3008-46
- F ø 3x12 : N89-3012-46
- G ø 3x30 : N89-3030-46
- H M2.6x6 (BLK) : N89-2606-45
- J ø 2x6 : N09-2900-08
- K ø 3x14 : N09-2907-05
- L ø 3x12 : N09-0333-05
- M ø 3x8 : N09-1445-05



EXPLODED VIEW (UNIT)

RXD-500/700

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
RXD-750/750W/760						
601	1F		A01-3375-11	METALLIC CABINET		
602	1F	*	A09-0374-08	BATTERY COVER		
606	2F	*	A29-0838-02	PANEL (CD)		
607	2F	*	A53-1963-02	CASSETTE HOLDER(L)		
608	2F	*	A53-1964-02	CASSETTE HOLDER(R)		
609	2F	*	A53-1969-12	CASSETTE LID (L)		
610	2F	*	A53-1970-12	CASSETTE LID (R)		
611	2F	*	A60-1011-11	PANEL	KPXY	
611	2F	*	A60-1011-11	PANEL	TEG	
611	2F	*	A60-1012-11	PANEL	MI	
612	1F	*	A70-1106-05	REMOTE CONTROLLER ASSY	MIXY	
612	1F	*	A70-1119-05	REMOTE CONTROLLER ASSY	TEQ	
612	1F	*	A70-1145-05	REMOTE CONTROLLER ASSY	KP	
617	2F	*	B10-2281-12	FRONT GLASS	KPXY	
617	2F	*	B10-2324-12	FRONT GLASS	TEG	
617	2F	*	B10-2334-12	FRONT GLASS	MI	
618	2F	*	B10-2282-02	FRONT GLASS (LID L)		
619	2F	*	B10-2283-02	FRONT GLASS (LID R)		
620	2G		B19-1562-24	LIGHTING BOARD		
621	2F		B19-1563-13	LIGHTING BOARD		
622	2F		B43-0306-04	KENWOOD BADGE		
			B46-0096-53	WARRANTY CARD	X	
			B46-0310-03	WARRANTY CARD	TEQ	
			B46-0328-03	WARRANTY CARD	KY	
		*	B46-0336-03	WARRANTY CARD	P	
			B58-0513-04	CAUTION CARD (PRESET220-240)	Y	
			B58-0964-13	CAUTION CARD (UL)	KY	
		*	B58-0965-13	CAUTION CARD (T,XtypePL)	XT	
		*	B58-0966-13	CAUTION CARD (ELMtype)	MIE	
		*	B58-0967-03	CAUTION CARD (PtypePL)	P	
		*	B58-1526-03	CAUTION CARD (P4,ORI,A4,1(Q))	Q	
		*	B59-1104-00	SERVICE DIRECTORY	Y	
		*	B60-2914-00	INSTRUCTION MANUAL (ENGLISH)	MIX	
		*	B60-2914-00	INSTRUCTION MANUAL (ENGLISH)	Y	
		*	B60-2915-00	INSTRUCTION MANUAL (ENGLISH)	T	
		*	B60-2916-00	INSTRUCTION MANUAL (FRENCH)	P	
		*	B60-2921-00	INSTRUCTION MANUAL (SPANISH)	M	
		*	B60-2922-00	INSTRUCTION MANUAL (TAIWAN)	MI	
		*	B60-2924-00	INSTRUCTION MANUAL (FRENCH)	E	
		*	B60-2925-00	INSTRUCTION MANUAL (GERMAN)	E	
		*	B60-2926-00	INSTRUCTION MANUAL (DUTCH)	E	
		*	B60-2927-00	INSTRUCTION MANUAL (ITALIAN)	E	
		*	B60-3151-00	INSTRUCTION MANUAL (POLISH)	Q	
		*	B60-3152-00	INSTRUCTION MANUAL (RUSSIAN)	Q	
		*	B60-3153-00	INSTRUCTION MANUAL (ENGLISH)	KP	
		*	B60-3155-00	INSTRUCTION MANUAL (SPANISH)	E	
626	2F	*	D39-0326-05	DAMPER		
Δ 631	1F		E03-0115-05	AC PLUG ADAPTER	MI	
Δ 632	1H		E30-2592-15	AC POWER CORD	MIEQ	
Δ 632	1H		E30-2605-05	AC POWER CORD	Y	
Δ 632	1H		E30-2650-05	AC POWER CORD	KP	
Δ 632	1H		E30-2717-05	AC POWER CORD	X	

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
Δ 632	1H		E30-2829-05	AC POWER CORD		
633	1G,2G	*	E35-1760-05	FLAT CABLE	T	
637	2G	*	G01-3952-04	TORSION COIL SPRING (L)		
638	2G	*	G01-3953-04	TORSION COIL SPRING (R)		
		*	H10-7248-12	POLYSTYRENE FOAMED FIXTURE		
		*	H10-7249-12	POLYSTYRENE FOAMED FIXTURE		
		*	H13-0086-04	CARTON BOARD		
		*	H25-0632-24	PROTECTION BAG	EQ	
		*	H25-0632-24	PROTECTION BAG	KPMIXY	
		*	H25-0644-04	PROTECTION BAG (0632 PRINT)	T	
		*	H25-1536-04	PROTECTION BAG	KPXYET	
		*	H25-1536-04	PROTECTION BAG	Q	
		*	H25-1611-04	PROTECTION BAG	MI	
		*	H50-2155-04	ITEM CARTON CASE	KPXY	
		*	H50-2157-04	ITEM CARTON CASE	TE	
		*	H50-2285-04	ITEM CARTON CASE	Q	
		*	H50-2287-04	ITEM CARTON CASE	MI	
642	2H		J19-3325-05	UNIT HOLDER	MIY	
643	1G		J19-3329-05	UNIT HOLDER		
644	1H		J19-3385-05	UNIT HOLDER	Q	
645	2H		J19-3753-04	UNIT HOLDER	MIY	
Δ 650	1H		J42-0083-05	POWER CORD BUSHING		
651	2F		J52-0039-05	PUSH LATCH		
655	1F		J19-3645-05	ANTENNA HOLDER		
			J61-0307-05	WIRE BAND		
659	2F		K29-6493-04	KNOB (MULTI CONTROL)		
660	1G		K29-6494-14	KNOB (MIC VOLUME)		
661	2G		K29-6495-13	KNOB (MANUAL/REFERENCE)		
662	2G		K29-6496-03	KNOB (EQUALIZER)		
663	2G		K29-6497-12	KNOB (RECEIVER MAIN)		
664	2G		K29-6498-12	KNOB (CD MAIN)		
665	2G	*	K29-6502-23	KNOB (INPUT A/B SKIP)		
667	2G		K29-6547-23	KNOB (POWER SW)	MIXY	
667	2G		K29-6547-23	KNOB (POWER SW)	TEQ	
667	2G	*	K29-6714-03	KNOB (POWER SW)	KP	
669	2G		K29-6564-13	KNOB (ENTER/MODE/DISP)		
670	2G	*	K29-6584-12	KNOB (CASSETTE MAIN)		
Δ 675	2G	*	L07-2238-05	POWER TRANSFORMER	KP	
Δ 675	2G	*	L07-2239-05	POWER TRANSFORMER	MIY	
Δ 675	2G	*	L07-2240-05	POWER TRANSFORMER	X	
Δ 675	2G	*	L07-2241-05	POWER TRANSFORMER	TE	
Δ 675	2G	*	L07-2339-05	POWER TRANSFORMER	Q	
J			N09-2900-08	BIND TAPPING SCREW (2X6)		
679	1F		T90-0801-05	LEAD WIRE ANTENNA	KPMIXY	
679	1F		T90-0809-05	LEAD WIRE ANTENNA	TEQ	
680	1F		T90-0820-05	LOOP ANTENNA		
RXD-550/550W/560						
601	1F		A01-3375-11	METALLIC CABINET		
602	1F		A09-0374-08	CABINET		
606	2F		A29-0838-02	PANEL		
607	2F		A53-1963-02	CASSETTE HOLDER (L)		
608	2F		A53-1964-02	CASSETTE HOLDER (R)		

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
C152 C153,154 C158 C159 C163		*	C90-3715-05 C91-1567-05 CE04LW1H010M CE04LW1H010M C90-3650-05	ELECTRO 4.7UF 35WV MP-C 0.1UF J ELECTRO 1.0UF 50WV ELECTRO 1.0UF 50WV ELECTRO 100UF 16WV	MI	6
C164 C165 C166 C167 C168			CC45FSL1H101JM CE04LW1H2R2M CE04LW1A101M CE04LW1HR47M CE04LW1A101M	CERAMIC 100PF J ELECTRO 2.2UF 50WV ELECTRO 100UF 10WV ELECTRO 0.47UF 50WV ELECTRO 100UF 10WV		
C169 C170			CQ93FMG1H104J CK45FF1H103ZMU	MYLAR 0.10UF J CERAMIC 0.010UF Z		
CN1 CN2 CN3 CN5 CN6		*	E40-4808-05 E40-8053-05 E40-4608-05 E40-4808-05 E40-4607-05	PIN ASSY PIN ASSY PIN ASSY PIN ASSY PIN ASSY		
CN7 J1 J1 J3, 4 J5		*	E40-4632-05 E63-0200-05 E63-1001-05 E11-0336-05 E11-0280-05	PIN ASSY PHONO JACK PHONO JACK PHONE JACK PHONE JACK	TEQ KPMIXY	
J6 J6 J6 J6 J6			E70-0048-05 E70-0048-05 E70-0056-05 E70-0056-05 E70-0057-05	LOCK TERMINAL BOARD LOCK TERMINAL BOARD LOCK TERMINAL BOARD LOCK TERMINAL BOARD LOCK TERMINAL BOARD	MIXYTE Q MIXYTE Q KP	
F1, 2 F1, 2 F1, 2 F3 F3		*	F05-4025-05 F05-4025-05 F50-0074-05 F05-2525-05 F05-2525-05	FUSE (SEMKO) (250V T4A L) FUSE (SEMKO) (250V T4A L) FUSE(5X20) FUSE (SEMKO) (250V T2.5AL) FUSE (SEMKO) (250V T2.5AL)	MIXYTE Q KP MIXYTE Q	
F3 F4, 5 F5 F7		*	F50-0073-05 F06-2021-05 F06-3027-05 F50-0062-05	FUSE(5X20) FUSE (SEMKO) (250V T2AL) FUSE (UL) (250V 3A) FUSE(5X20)	KP MIY KP KP	
CN8-13 CN8-13 CN14,15 CN16,17 CN20,21			J13-0075-05 J13-0075-05 J13-0075-05 J13-0075-05 J13-0075-05	FUSE CLIP FUSE CLIP FUSE CLIP FUSE CLIP FUSE CLIP	MIY KPMIY KP	
R71-74 R75-78 R83-86 R87, 88 R130			RD14NB2E330J RS14KB3DR22J RD14NB2E681J RD14NB2E4R7J RD14NB2E101J	RD 33 J 1/4W FL-PROOF RS 0.22 J 2W RD 680 J 1/4W RD 4.7 J 1/4W RD 100 J 1/4W		
R159 R173 R187-190 R191 R193			RD14NB2E121J RD14NB2E101J RS14KB3D102J RD14NB2E152J RD14NB2E152J	RD 120 J 1/4W RD 100 J 1/4W FL-PROOF RS 1.0K J 2W RD 1.5K J 1/4W RD 1.5K J 1/4W	MI	6
R194 R198 R200			RS14KB3D221J R92-1844-05 RD14NB2E100J	FL-PROOF RS 220 J 2W CARBON 3.3M J 1/2W RD 10 J 1/4W	KP	

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
VR1		*	R31-0083-05	VARIABLE RESISTOR		
K1 S1 S1 S2			S76-0060-05 S62-0055-05 S62-0055-05 S62-0001-05	MAGNETIC RELAY SLIDE SWITCH SLIDE SWITCH SLIDE SWITCH	MIXYTE Q MIY	
D1, 2 D1, 2 D5, 6 D5, 6 D7			HSS104A 1SS131 HSS104A 1SS131 MTZJ5.1(B)	DIODE DIODE DIODE DIODE ZENER DIODE		
D7 D8 D8 D8 D8			UZ-5.1BSB MTZJ11(B) MTZJ11(B) MTZJ15(B) UZ-11BSB	ZENER DIODE ZENER DIODE ZENER DIODE ZENER DIODE ZENER DIODE	MIXYTE Q KP MIXYTE	
D8 D8 D9, 10 D9, 10 D11, 12			UZ-11BSB UZ-15BSB HSS104A 1SS131 MTZJ15(B)	ZENER DIODE ZENER DIODE DIODE DIODE ZENER DIODE	Q KP	
D11, 12 D11, 12 D11, 12 D11, 12 D11, 12			MTZJ18(B) MTZJ18(B) UZ-15BSB UZ-18BS UZ-18BS	ZENER DIODE ZENER DIODE ZENER DIODE ZENER DIODE ZENER DIODE	MIXYTE Q KP MIXYTE Q	
D13-15 D13-15 D16 D16 D17			HSS104A 1SS131 MTZJ6.2(B) UZ-6.2BSB MTZJ5.6(B)	DIODE DIODE ZENER DIODE ZENER DIODE ZENER DIODE	MI MI	6 6
D17 D18, 19 D18, 19 D20 D20			UZ-5.6BSB MTZJ16(B) UZ-16BSB D3SBA20F03 RBV-402LFA	ZENER DIODE ZENER DIODE ZENER DIODE DIODE DIODE		
D21, 22 D21, 22 D23 D23 D24			HSS104A 1SS131 MTZJ5.6(B) UZ-5.6BSB HSS104A	DIODE DIODE ZENER DIODE ZENER DIODE DIODE		
D24 D25-27 D25-27 D28 D28			1SS131 S5688B 1SR139-400 D3SBA20F03 RBV-402LFA	DIODE DIODE DIODE DIODE DIODE		
D29, 30 D29, 30 D31 D31 D32-36			MTZJ4.7(B) UZ-4.7BSB MTZJ13(B) UZ-13BSB HSS104A	ZENER DIODE ZENER DIODE ZENER DIODE ZENER DIODE DIODE		
D32-36 D37, 38 D37, 38 IC1			1SS131 HSS104A 1SS131 NJU7313AL	DIODE DIODE DIODE ANALOGUE IC	KPMIXY KPMIXY	

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PARTS LIST

RXD-500/700

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23

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
C147			C90-3714-05	ALUMINIUM ELECTROLYTIC C.		
C148,149			CQ93FMG1H104J	MYLAR 0.10UF J		
C150			C90-3716-05	ELECTRO 22UF 35WV		
C151			CE04LW1J221M	ELECTRO 220UF 63WV		
C152			C90-3715-05	ELECTRO 4.7UF 35WV		
C153,154			C91-1567-05	MP-C 0.1UF J		
C157			CC45FSL1H050CM	CERAMIC 5.0PF C		
C158			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C159			CE04LW1H010M	ELECTRO 1.0UF 50WV	MI	
C160			CC45FSL1H220J	CERAMIC 22PF J	TEQ	
C163			C90-3650-05	ELECTRO 100UF 16WV		
C164			CC45FSL1H101J	CERAMIC 100PF J		
C165			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C166			CE04LW1A101M	ELECTRO 100UF 10WV		
C167			CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C168			CE04LW1A101M	ELECTRO 100UF 10WV		
C169			CQ93FMG1H104J	MYLAR 0.10UF J		
C170			CK45FF1H103ZMU	CERAMIC 0.010UF Z		
CN1			E40-4808-05	PIN ASSY		
CN2			E40-8053-05	PIN ASSY		
CN3			E40-4608-05	PIN ASSY		
CN5			E40-4808-05	PIN ASSY		
CN6			E40-4607-05	PIN ASSY		
CN7			E40-4632-05	PIN ASSY		
J1			E63-0200-05	PHONO JACK	TEQ	
J1			E63-1001-05	PHONO JACK	KPMIXY	
J3 ,4			E11-0336-05	PHONE JACK		
J5			E11-0280-05	PHONE JACK		
J6			E70-0048-05	LOCK TERMINAL BOARD	MIXYTE	
J6			E70-0048-05	LOCK TERMINAL BOARD	MIXYTE	
J6			E70-0056-05	LOCK TERMINAL BOARD	Q	
J6			E70-0056-05	LOCK TERMINAL BOARD	Q	
J6			E70-0057-05	LOCK TERMINAL BOARD	KP	
Δ F1 ,2			F05-4025-05	FUSE (SEMKO) (250V T4A L)	MIMYTE	
Δ F1 ,2			F05-4025-05	FUSE (SEMKO) (250V T4A L)	Q	
Δ F1 ,2			F05-6029-05	FUSE (UL) (125V 6A)	KP	
Δ F3			F05-2525-05	FUSE (SEMKO) (250V T2.5AL)	MIXYTE	
Δ F3			F05-2525-05	FUSE (SEMKO) (250V T2.5AL)	Q	
Δ F3			F50-0073-05	FUSE(5X20)	KP	
Δ F4 ,5			F06-2021-05	FUSE (SEMKO) (250V T2AL)	MIY	
Δ F5			F50-0074-05	FUSE(5X20)	KP	
Δ F7			F50-0062-05	FUSE(5X20)	KP	
CN8 -13			J13-0075-05	FUSE CLIP		
CN8 -13			J13-0075-05	FUSE CLIP		
CN14,15			J13-0075-05	FUSE CLIP	MIY	
CN16,17			J13-0075-05	FUSE CLIP	KPMIY	
CN20,21			J13-0075-05	FUSE CLIP	KP	
CP1 ,2			R90-0826-05	MULTI-COMP 0.22X2 J 5W	KP	
R71 -74			RD14NB2E330J	RD 33 J 1/4W		
R75 -78			RS14KB3DR22J	FL-PROOF RS 0.22 J 2W	MIXYTE	
R75 -78			RS14KB3DR22J	FL-PROOF RS 0.22 J 2W	Q	
R83 -86			RD14NB2E681J	RD 680 J 1/4W		
R87 ,88			RD14NB2E4R7J	RD 4.7 J 1/4W		
Δ R130			RD14NB2E101J	RD 100 J 1/4W		

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
Δ R159			RD14NB2E121J	RD 120 J 1/4W	MI	
R173			RD14NB2E101J	RD 100 J 1/4W		
Δ R187-190			RS14KB3D102J	FL-PROOF RS 1.0K J 2W		
R191			RD14NB2E152J	RD 1.5K J 1/4W		
R193			RD14NB2E152J	RD 1.5K J 1/4W		
Δ R194			RS14KB3D221J	FL-PROOF RS 220 J 2W		
Δ R198			R92-1844-05	CARBON 3.3M J 1/2W	KP	
Δ R200			RD14NB2E100J	RD 10 J 1/4W		
VR1			R31-0083-05	VARIABLE RESISTOR		
Δ K1			S76-0060-05	MAGNETIC RELAY		
S1			S62-0055-05	SLIDE SWITCH	MIXYTE	
S1			S62-0055-05	SLIDE SWITCH	Q	
Δ S2			S62-0001-05	SLIDE SWITCH	MIY	
D1 ,2			HSS104A	DIODE		
D1 ,2			1SS131	DIODE		
D5 ,6			HSS104A	DIODE		
D5 ,6			1SS131	DIODE		
D7			MTZJ5.1(B)	ZENER DIODE		
D7			UZ-5.1BSB	ZENER DIODE		
D8			MTZJ1.1(B)	ZENER DIODE		
D8			UZ-11BSB	ZENER DIODE		
D9 ,10			HSS104A	DIODE		
D9 ,10			1SS131	DIODE		
D11 ,12			MTZJ24(B)	ZENER DIODE		
D11 ,12			UZ-24BS	ZENER DIODE		
D13 -15			HSS104A	DIODE		
D13 -15			1SS131	DIODE		
D16			MTZJ6.2(B)	ZENER DIODE	MI	
D16			UZ-6.2BSB	ZENER DIODE	MI	
D17			MTZJ5.6(B)	ZENER DIODE		
D17			UZ-5.6BSB	ZENER DIODE		
D18 ,19			MTZJ16(B)	ZENER DIODE		
D18 ,19			UZ-16BSB	ZENER DIODE		
Δ D20			D3SBA20F03	DIODE		
Δ D20			RBV-402LFA	DIODE		
Δ D21 ,22			HSS104A	DIODE		
Δ D21 ,22			1SS131	DIODE		
D23			MTZJ5.6(B)	ZENER DIODE		
D23			UZ-5.6BSB	ZENER DIODE		
D24			HSS104A	DIODE		
D24			1SS131	DIODE		
Δ D25 -27			S5688B	DIODE		
Δ D25 -27			1SR139-400	DIODE		
Δ D28			D3SBA20F03	DIODE		
Δ D28			RBV-402LFA	DIODE		
D29 ,30			MTZJ4.7(B)	ZENER DIODE		
D29 ,30			UZ-4.7BSB	ZENER DIODE		
D31			MTZJ13(B)	ZENER DIODE		
D31			UZ-13BSB	ZENER DIODE		
D32 -36			HSS104A	DIODE		
D32 -36			1SS131	DIODE		
D37 ,38			HSS104A	DIODE		
D37 ,38			1SS131	DIODE		
IC1			NJU7313AL	ANALOGUE IC		

PARTS LIST

RXD-500/700

L : Scandinavia K : USA P : Canada R : Mexico I : Malaysia
Y : PX(Far East, Hawaii) T : Europe E : Europe G : Germany
Y : AAFES(Europe) X : Australia M : Other Areas

Δ indicates safety critical components.

L : Scandinavia K : USA P : Canada R : Mexico I : Malaysia
Y : PX(Far East, Hawaii) T : Europe E : Europe G : Germany
Y : AAFES(Europe) X : Australia M : Other Areas

Δ indicates safety critical components.

* New Parts
 Parts without **Parts No.** are not supplied.
 Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
 Teile ohne **Parts No.** werden nicht geliefert.

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Ref. No	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
431	1D		G01-3991-08	CLUTCH ARM SP		
432	2C		G01-3992-08	HERD RETURN SP		
433	2D		G01-3993-08	HERD CHASSIS SP		
434	1C,2C		G01-3994-08	RETURN GEAR SP		
435	1C,2C		G01-3995-08	EARTH SP		
436	1C		G01-3996-08	INTER LOCK SP (BL)		
437	1C,2D		G01-3997-08	INTER LOCK SP (C)		
438	2E		G01-3998-08	BRAKE ARM SP		
439	2D		G01-3999-08	INTER LOCK SP (BR)		
440	1D		G02-0913-08	PACK SP		
441	1C,2C		G02-1623-08	AZIMUTH PLATE		
442	1C,2C		G11-2100-08	HEAD WIRE CLAMP		
443	1E		J19-3652-08	CABLE HOLDER		
444	2C		J19-5827-08	CONNECTOR (3P) S3B-PH		
445	2C		J19-5828-08	CONNECTOR S6B-PH		
446	2D		J21-6473-08	H/D RETURN PLATE		
447	1C,2C		J21-6474-08	HEAD PLATE		
448	2D		J21-6500-08	BKT (B)		
449	1E		J26-0063-08	MECHA PCB (CHL)		
450	1C,2C		J31-0877-08	ROTATOR COLLAR		
451	1C,2C		J39-0200-08	HEAD BASE		
452	1C,2D		J42-0183-08	REEL BUSH		
453	2E		J69-0086-08	FILAMENT TAPE		
454	2D		J90-0849-08	CASSETTE GUIDE		
455	1C,2D		D19-0270-08	REEL CAP (A)		
473	1D,1E		RD14BB2C222J	RESISTOR 2.2ohm		
474	1E		RD14BB2C471J	RESISTOR 470ohm		
475	1E		S74-0033-08	REC SWITCH		
476	1E		S74-0042-08	PLAY SWITCH		
479	1E		T42-0884-08	MOTOR ASSY		
480	1E		T94-0239-08	SOLENOID ASSY		
481	1E		T95-0154-08	PHOTO INTERRUPTER		
482	2C		W02-2599-08	HEAD PCB		
CB			N09-1497-08	TAPTITE SCREW 2X5		
CC			N09-3384-08	TAPPING SCREW 1.7X8		
CD			N09-2877-08	TAPTITE SCREW 2X4		
CE			N09-2900-08	BIND TAPPING SCREW 2X6		
CF			N35-2604-08	BINDING SCREW 2.6X4		
CG			N09-3112-08	AZIMUTH SCREW		
CH			N09-3371-08	SCREW (CAM)		
CJ			N19-1439-08	POLY MASHER 4X7X.04CUT		
CK			N19-1355-08	NYLON WASHER 1.9X5X0.5		
CL			N19-1354-08	NYLON WASHER 2.19X5.5X0.5		
CM			N19-1387-08	TEFLON WASHER 4.1X5.5X0.25		
CN			N19-1384-08	POLY WASHER 2.1X5X0.25		
CP			N19-1388-08	POLY WASHER 1.57X4X0.5CUT		
CQ			N19-1385-08	POLY WASHER 2.3X4X0.25		
CR			N09-3366-08	SCREW (INTER LOCK)		
CA			N09-3372-08	HEAD SCREW		
CS			N19-1316-08	POLY WASHER 1.8X6X0.5CUT		
CT			N19-1288-08	POLY WASHER 1.57X5X0.5CUT		
PH	1C		T31-0074-08	POTATION HEAD		
RPEH	2C		T31-0075-08	ROTATION HEAD (RP) KC9142		

L : Scandinavia K : USA P : Canada R : Mexico I : Malaysia
 Y : PX(Far East, Hawaii) T : Europe E : Europe G : Germany
 Y : AAFES(Europe) X : Australia M : Other Areas

△ indicates safety critical components.

RXD-500/700

PARTS LIST

RXD-500/700

SPECIFICATIONS

Main unit (RXD-750/700/550/500)

[Amplifier section]

Rated power output (RXD-750/700)

STEREO MODE

100 watts per channel minimum RMS, both channels driven, at 6Ω,
1 kHz with no more than 10 % total harmonic distortion.

(DIN) 1 kHz at 6 Ω, 0.7 % T.H.D..... 70 W + 70 W

Rated power output (RXD-550/500)

STEREO MODE

70 watts per channel minimum RMS, both channels driven, at 6Ω,
1 kHz with no more than 10 % total harmonic distortion.

(DIN) 1 kHz at 6 Ω, 0.7 % T.H.D..... 50 W + 50 W

Input sensitivity / Impedance

AUX 200 mV / 30 kΩ

MIC 3.0 mV / 20 kΩ

Signal to noise ratio

AUX 85 dB (IHF'66)

[FM Tuner section]

Tuning frequency range 87.5 MHz ~ 108 MHz

[MW (AM) Tuner section]

Tuning frequency range 531 kHz ~ 1,602 kHz

[LW Tuner section]

Tuning frequency range 153 kHz ~ 279 kHz

[Cassette deck section]

Track 4-track, 2-channel stereo

Recording system AC bias system

(Frequency: 105 kHz)

Heads

A deck Playback head 1

B deck Playback / recording head 1

Erasing head 1

Motors 2

Fast winding time Approx. 115 seconds

(C-60 tape)

[CD player section]

Laser Semiconductor laser

Playing rotation 200 rpm ~ 500 rpm (CLV)

Wow & Flutter Unmeasurable Limit

General

Power consumption

RXD-750/700 200 W

RXD-550/500 150 W

Dimensions W: 270 mm

H: 330 mm

D: 357 mm

Weight (net)

RXD-750/700 10.2kg

RXD-550/500 9.5 kg

RXD-500/700

SPECIFICATIONS

Main unit

[Amplifier section]

Rated power output (RXD-720S/760/710/750/700)

100 watts per channel minimum RMS, both channels driven, at 6Ω,
1 kHz with no more than 10 % total harmonic distortion.

Rated power output (RXD-520S/560/550/500)

70 watts per channel minimum RMS, both channels driven, at 6Ω,
1 kHz with no more than 10 % total harmonic distortion.

Input sensitivity / Impedance

AUX 200 mV / 30 kΩ

MIC 3.0 mV / 22 kΩ

Output level / Impedance

SUPER WOOFER PRE OUT 1.8 V / 3.3 kΩ

Signal to noise ratio

AUX 85 dB (IHF'66)

[FM Tuner section]

Tuning frequency range 87.5 MHz ~ 108 MHz

[AM (MW) Tuner section]

Tuning frequency range

9 kHz step 531 kHz ~ 1,602 kHz

10 kHz step 530 kHz ~ 1,610 kHz

[SW Tuner section] (RXD-720S/520S)

Tuning frequency range 5.9 MHz ~ 17.9 MHz

[Cassette deck section]

Track 4-track, 2-channel stereo

Recording system AC bias system
(Frequency: 105 kHz)

Heads

A deck Playback head 1

B deck Playback / recording head 1

Erasing head 1

Motors 2

Fast winding time Approx. 115 seconds
(C-60 tape)

[CD player section]

Laser Semiconductor laser

Playing rotation 200 rpm ~ 500 rpm (CLV)

Wow & Flutter Unmeasurable Limit

General

Power consumption

RXD-720S/760/710/750/700 200 W

RXD-520S/560/550/500 150 W

Dimensions W: 270 mm

H: 330 mm

D: 357 mm

Weight (net)

RXD-720S/760/710/750/700 10.2 kg

RXD-520S/560/550/500 9.5 kg



1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. Sufficient performance may not be exhibited at extremely cold locations (where water freezes).

Note:

Component and circuit are subject to modification to insure best operation under differing local conditions. This manual is based on Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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