

CASSETTE RECEIVER

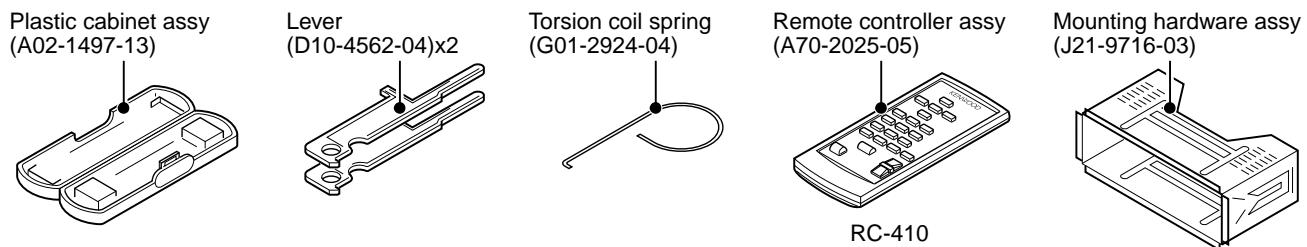
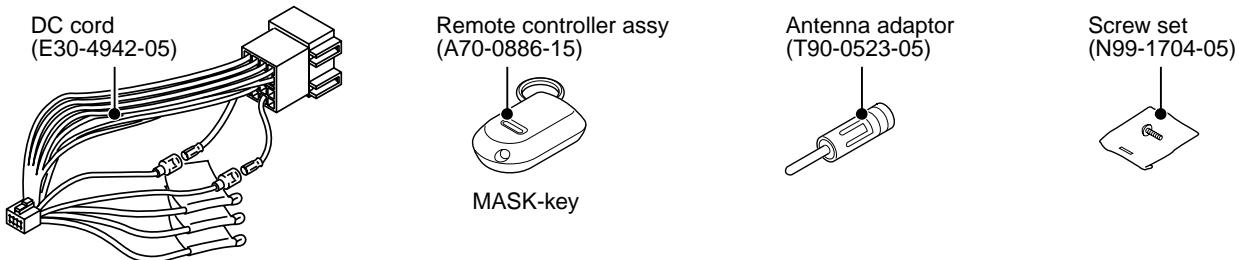
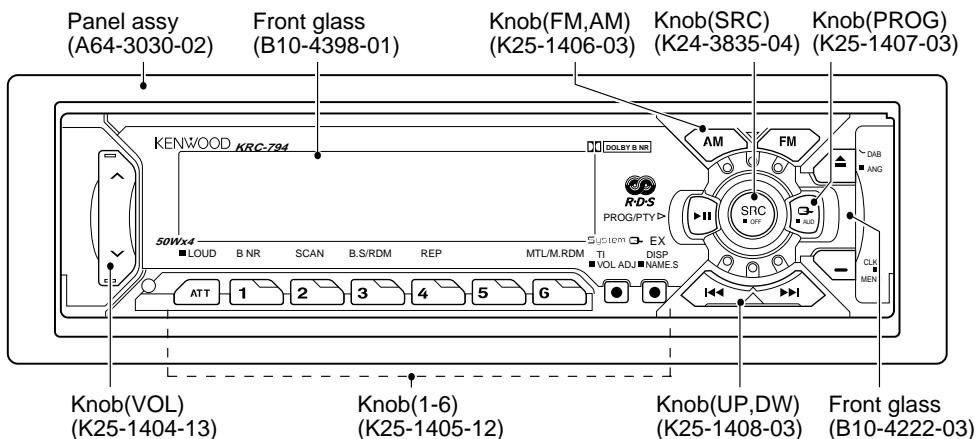
KRC-794/Y

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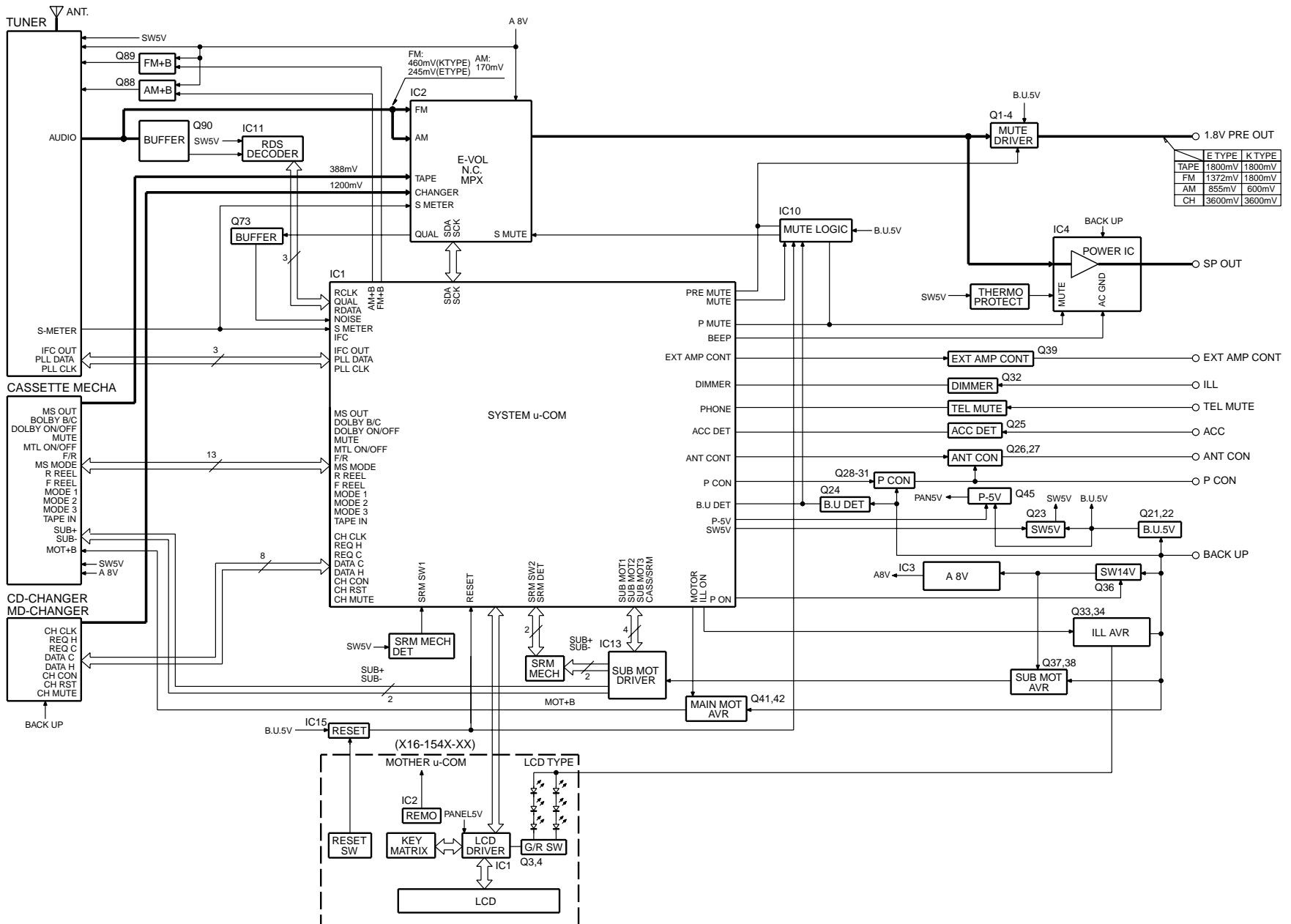
SERVICE MANUAL

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B53-0012-00 (N) 1874

The CASSETTE MECHANISM OPERATION DESCRIPTION is the same model D40-1122-05.
Please refer to the service manual for model D40-1122-05(B51-7542-00).



BLOCK DIAGRAM



COMPONENTS DESCRIPTION

● SWITCH UNIT(X16-1540-12)

Component	Purpose • Function	Operation/Condition/Compatibility
IC1	LCD DRIVER with Key Matrix	
IC2	Remote Control IC	
Q1	Key Detection SW	Q2 starts key scan in M&T.
Q3,4	Key Illumination SW	Lights key illumination in Red when the base of Q3 is ON. Lights key illumination in Green when the base of Q4 is "H"
Q5	VLCD Reference Voltage Supply	Constant voltage circuit.
Q6	Remote Control IC Power Supply	Activates remote control when the base of Q6 is "L".
Q7	Dimmer SW	The base of Q7 is normally "H" but becomes "L" when DIMMER is ON.

● SYNTHESIZER UNIT(X14-6442-73)

Component	Purpose • Function	Operation/Condition/Compatibility
IC1	System µ-com	
IC2	E-VOL, N.C, MPX	
IC3	Regulator IC for Audio 8V	
IC4	Power IC	
IC10	Mute logic IC	
IC11	RDS decoder	
IC13	Motor driver IC	
IC15	Reset IC	
Q1~4	PRE OUT MUTE SW	Pre outs are muted when the base goes "H".
Q18~20	Audio 8V AVR	Inverted darlington connection Q20 is turned ON when Q18's base goes "H".
Q21, 22	B.U 5V AVR	Inverted darlington connection Q22 is turned ON when Q21's base goes "H".
Q23	SW 5V	ON when the base goes "L".
Q24	B.U detection	ON when the base goes "H" during B.U applied.
Q25	ACC detection	ON when the base goes "H" during ACC applied.
Q28~31	P-CON SW	Q28 is turned ON when Q31's base goes "H".
Q32	Dimmer SW	ON when the base goes "H" while vehicle small lamps turn on.
Q33,34,44	Illumination AVR	ON when Q44's base goes "H".
Q36	SW 14V	ON when base goes "H".
Q37,38	Motor driver supply	Q38 is turned ON when Q37's base goes "H".
Q39	External Amp Control	ON when the base goes "L".
Q41, 42	Cassette mecha main motor supply SW	Q42 is turned ON when Q41's base goes "H".
Q43	Motor driver's voltage SW	Base "H" ... cassette mecha's submotor Base "L" ... mask mecha's motor.
Q45,46	Panel 5V SW	Q45 is turned ON when Q46's base goes "H".
Q71	Pre out mute driver	ON when the base goes "L".
Q72	E-VOL Mute SW	ON when the base goes "H".
Q73	Noise buffer	
Q85	IFC out buffer	
Q86,88	AM+B SW	Q88 is turned ON when Q86's base goes "H".
Q87,89	FM+B SW	Q89 is turned ON when Q87's base goes "H".
Q90	Composite out buffer	

● DOLBY UNIT(X87-3022-71)

Component	Purpose • Function	Operation/Condition/Compatibility
IC1	Playback EQ, Dolby & Blank Detection	
Q1	Constant Switching in Blank Detection	Switches the time constant according to the PLAY or FF/REW mode.

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MICROCOMPUTER'S TERMINAL DESCRIPTION

● SYSTEM MICROCOMPUTER UPD703033GC138 (IC1: X14-)

Pin No.	Name	I/O	Description	Processing Operation
1	AM+B	O	AM power supply terminal.	During AM operation: H.
2	FM+B	O	FM power supply terminal.	During FM operation: H. Last FM with RDS model: H
3	AFS	O	Constant switching when noise is detected.	During FM seek or AM search: L. During reception: H.
4	PLL-DATA	I/O	DATA input/output terminal from/to F/E.	
5	PLL-CLK	I/O	CLOCK input/output terminal from/to F/E.	
6	Evdd	-	Positive power supply terminal.	
7	GND	-	Grounding terminal.	
8	N.C	O	No connection.	
9	BEEP	O	Beep output terminal.	
10	REMO	I	Remote control input terminal.	
11	P-ON	O	SW 14 V control terminal.	Power ON: H. Power OFF: L.
12	P-STBY	O	Power IC STBY terminal control.	Power IC OFF: L. Power IC ON: H. During reset: Input.
13	IC2-SDA	I/O	IC2 DATA line.	
14	IC2-SCK	O	IC2 CLOCK line.	
15	P-MUTE	O	Power IC muting terminal.	Power OFF: L. All OFF: L. During TEL muting: L.
16	PRE-MUTE	O	Pre-Out muting terminal.	During momentary power down: L.
17	D/A-SDA/DIM-CON	O	D/A data line. (V-LED)	
18	TEST	-	Test pin.	
19	P-CON	O	Power control terminal.	Power ON: H. Power OFF: L.
20	ANT-CON	O	Antenna control terminal.	TUNER, TI ON: H
21	MUTE	O	Muting terminal.	ON: Open. OFF: L. The time constant is 0.48 ms with all models.
22	N.C	O	No connection.	
23	ACC-DET	I	Acc detection terminal. Acc detected: L.	Acc not detected: H.
24	DIMMER	I	Small detection terminal.	ON: L. OFF: H.
25	SW-5V	O	5 V power supply terminal.	ON: L. OFF: H.
26	CH-MUTE	I	Muting request from CH.	ON: H. OFF: L.
27	CH-CON	O	CH control output.	ON: H. OFF: L.
28	CH-REQH	O	Request output to CH.	Requested: L.
29	CH-RST	O	Reset output to CH.	Normal: L. When the system is reset, turns H then L in 400 ms after recovery from reset.
30	EXT-AMP-CONT	O	External amplifier control terminal (In 200 ms).	L 40 ms: Bass boost OFF. L 70 ms: Bass boost LOW. L 100 ms: Bass boost HIGH.
31	RESET	I	Reset input terminal.	Normal: H. Reset: L.
32	XT1	I	Sub-clock connection terminal.	The clock count is active even when Power is OFF.
33	XT2	-	Sub-clock connection terminal.	
34	REGC	-	Output terminal for the capacitor in the regulator in μ -COM.	
35	X2	-	Main clock connection terminal.	Power ON: Oscillated. Power OFF or momentary power down: Oscillation stopped.
36	X1	I	Main clock connection terminal.	
37	Vss	-	Grounding terminal.	
38	Vdd	-	Positive power supply terminal.	
39	CLKOUT	O	Internal System Clock output.	
40	N.C	O	No connection.	
41	MOTOR	O	Cassette mechanism main motor output terminal.	When the motor is running: H. When it is stopped: L.
42	MODE3	I	Cassette mechanism mode detection terminal.	
43	MODE1	I	Cassette mechanism mode detection terminal.	
44	MODE2	I	Cassette mechanism mode detection terminal.	
45	N.C	O	Outputs Low. No connection.	
46	SUB1	O	Sub-motor output terminal (1).	

MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Name	I/O	Description	Processing Operation
47	SUB2	O	Sub-motor output terminal (2).	
48	SUB3	O	Sub-motor output terminal (3).	
49	CAS/SRM	O	Cassette mechanism/SRM mechanism voltage switching terminal.	Cassette mechanism: H. SRM mechanism: L.
50	N.C	O	Outputs Low.	No connection.
51	N.C	O	Outputs Low.	No connection.
52	ILL-ON	O	FL +B output terminal.	ON: H, OFF: L
53	PAN-5V	O	Panel 5 V control terminal.	Panel detected: H Panel not detected: L
54	N.C	O	Outputs Low.	No connection.
55	BVdd	-	Positive power supply terminal.	
56	BVss	-	Grounding terminal.	
57	TYPE1	I	Destination type switching port.	
58	TYPE0	I	Destination type switching port.	
59	N.C	O	Outputs Low. No connection.	
60	N.C	O	Outputs Low. No connection.	
61	ST TYPE1	I	IC2 destination type terminal.	Default: L.
62	ST TYPE0	I	IC2 destination type terminal.	Default: L.
63	SRM-SW1	I	Panel position detection switch 1.	
64	D/A-SDA	O	D/A clock line. (V-LED)	Panel detached: L. Momentary power down: L.
65	L CE	I/O	CE terminal for LCD driver.	
66	SRM-SW3	I	Panel position detection switch 3.	
67	SRM-SW2	I	Panel position detection switch 2.	
68	FWD/REV	O	TAPE EQ input switching terminal.	FWD: L. REW: H. During TAPE PLAY: H. During TAPE FF/REW or other than TAPE input: L. Cassette mechanism detected: L. Cassette mechanism not detected: H.
69	MS-CONT	I/O	Constant switching terminal in case of blank detection.	
70	AVCONT	O	AD reference voltage control output.	Same timing as P-ON. H during operation.
71	Avdd	-	Positive power supply terminal.	
72	Avss	-	Grounding terminal.	
73	Avref	I	Reference voltage supply terminal for A/D converter.	
74	PHONE	I	PHONE detection terminal.	TEL MUTE: No more than 1 V. NAVI MUTE: 2.5 V or more.
75	R-REEL	I	Cassette mechanism reel pulse input (REV).	Vth = 2.5 V.
76	F-REEL	I	Cassette mechanism reel pulse input (FWD).	Vth = 2.5 V.
77	N.C	I	No connection.	Connected to GND.
78	SRM-DET	I	SRM mechanism detection.	SRM mechanism detected: L.
79	NOISE	I	FM noise detection terminal.	Model without RDS: Connected to GND.
80	S-METER	I	Signal meter detection terminal.	
81	R-DATA	I	RDS decoder DATA input terminal.	Model without RDS and RBDS: Connected to GND.
82	R-QUAL	I	RDS decoder QUAL input terminal.	Model without RDS and RBDS: Connected to GND.
83	IFC-OUT	I	F/E IFC OUT input terminal.	Station detected: L.
84	MUSIC	I	Music blank detection input.	Music signal detected: L. Music signal not detected: H.
85	PACK-DET	I	Cassette mechanism pack detection terminal.	Cassette pack detected: L. Cassette pack not detected: H.
86	DOLBY	O	Dolby ON/OFF switching.	ON: H. OFF: L.
87	R-CLK	I	RDS decoder CLK input terminal.	Model without RDS and RBDS: Connected to GND.
88	CH-REQC	I	Request input from CH.	ON: L.
89	KEY REQ	I	Communication request from LCD driver.	
90	N.C	I	No connection.	Connected to GND.

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MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Name	I/O	Description	Processing Operation
91	EQ-MUTE	O	EQ muting switching.	During TAPE PLAY: L. During TAPE FF/REW: H. Other than TAPE input: H.
92	MTL	O	NORMAL/METAL switching.	NORMAL: H. METAL: L.
93	BU-DET	I	Momentary power down detection terminal.	Back-Up detected: L Back-Up not detected (momentary power down): H.
94	CH-DATAC	I	DATA input terminal from CH.	
95	CH-DATAH	O	DATA output terminal to CH.	
96	CH-CLK	I/O	CLOCK input/output terminal from/to CH.	
97	L-DATA L	I	DATA line from LCD driver.	
98	L-DATA S	I/O	DATA line to LCD driver.	
99	L-CLK	I/O	CLK line to LCD driver.	Panel detected: L
100	N.C	O	Outputs Low. No connection.	

TEST MODE

M&T-SRT Model Test Mode

1. How to enter the test mode

- While holding the FM and Preset 6 keys, reset the unit.

2. How to exit from the test mode

- While holding the Preset 6 key, reset the unit.
- (Note) The test mode cannot be terminated by Acc OFF, power OFF or momentary power down.

3. Initial status in the test mode

- Sources : All OFF.
- Display : All segments are lit.
- Volume : -10 dB (displayed as 30)
- Loudness : OFF
- CRSC : OFF regardless of the presence of switching function.
- SYSTEM Q : Flat.
- Blank Skip : OFF. (C/R model)
- LED : White for no scanning. (VLCD model)

4. Special display in Tuner mode

- When any of the following messages is displayed in Tuner mode, the front end may be abnormal.
- "TNE 2P NG": The EEPROM is set to the default (unstable values) because the F/E was shipped without passing through the adjustment process, etc.
- "TNCON NG": Communication with the F/E is not possible.

5. Forced switching of K3I

- Each press of the Preset 6 key in Tuner mode should switch K3I from AUTO → Forced Wide → Forced Middle → Forced Narrow → AUTO. The initial status is AUTO and the display shows these modes as follows.
- AUTO : FMA
- Forced Wide : FMW
- Forced Middle : FMM
- Forced Narrow : FMN

6. Test mode specifications of the CD receiver

- Forced ejection is inhibited in the reset start operation. When the unit is reset while a CD is loaded in it, the CD is not recognized by resetting.
- Each press of the Track Up key jumps to the following track numbers.
No. 9 → No. 15 → No. 10 → No. 11 → No. 12 → No. 13 → No. 14 → No. 9 (The cycle restarts from here.)
- Each press of the Track Down key jumps to the previous track number to the track being played.

7. Audio-related specifications

- A short press of the Q key initiates the audio adjustment mode.
- Pressing the * key on the remote initiates the audio adjustment mode.
- Continuous holding of a remote control key is inhibited.
- Bass, Middle and Treble are adjusted in 3 steps of Min/Center/Max with the Track Up/Down keys.
- Balance is adjusted in 3 steps of Left Max/Center/Right Max with the Track Up/Down keys.
- Fader is adjusted in 3 steps of Rear Max/Center/Front Max with the Track Up/Down keys.
- HPF is adjusted in 2 steps of Through/220 Hz with the Track Up/Down keys.
- LPF is adjusted in 2 steps of Through/120 Hz with the Track Up/Down keys.
- Bass f, Bass Q, Bass EXT, Middle f, Middle Q and Treble f are not dealt with by the audio adjustment.

8. Menu-related specifications

- A short press of the CLK key initiates the Menu mode.
- Pressing the DNPP/SBF key on the remote initiates the Menu mode.
- Continuous holding of a remote control key is inhibited.
- Calendar adjustment, calendar display switching and calendar memo are eliminated from the targets of continuous key holding. (FL model).
- In the color adjustment mode, pressing the Preset 1 key sets Red, 2 sets Blue, 3 sets Green and 4 sets Green. (VLCD model)
- Contrast is adjusted in 3 steps of 0/5/10 and the default is 5. (VLCD/LCD model)
- Brightness is adjusted in 3 steps of 0/5/10 and the default is 10. (Normal FL model)

9. Backup current measurement

- When the unit is reset while Acc is OFF (i.e. by turning Back-Up ON), the MUTE terminal goes OFF in 2 seconds in place of 15 second. (The panel, CD mechanism and TAPE mechanism are not activated at this time.)

TEST MODE

10. Special display when the display is All ON

Pressing the Preset keys while the power is All OFF displays the following information.

PRESET1	Version display (8 digits, Month/Day/Hour/Minute) (Display) SYS xxxxxxxx System microcomputer PAN xxxxxxxx Panel microcomputer
PRESET2	Serial No. display (8 digits) (Note) CD/R K type eXcelon model (Display) SNo. xxxxxxxx
PRESET3	Short press: View power ON time. (The All OFF period is not counted.) Long press/hold: Clear power ON time. (Display) PonTim xxxx Max. 65535 (hours)
PRESET4	Short press: Display TAPE/CD/ MD operation time. Long press/hold: Clear TAPE/CD/MD operation time. (Display) CDTime xxxx (CD/R) TapTim xxxx (C/R) Max. 65535 (hours)
PRESET5	Short press: Display TAPE/CD/ MD ejection count. Long press/hold: Clear TAPE/CD/MD ejection count. (Display) EjeTim xxxx Max. 65535 (times)
PRESET6	Short press: Display Panel open/close count. Long press/hold: Clear Panel open/close count. (Display) PnCnt xxxx Max. 655350 (times)

11. Other specifications

- Automatic panel closing when a tape/CD is inserted is inhibited. (M&T model)
- Panel operation by turning power OFF/ON is inhibited. (M&T model)
- Pressing the ATT key opens or closes the panel. (M&T model)
- Messages such as "CODE OFF" are not displayed when power is turned ON.
- Pressing the TI (AUTO) key during changer operation turns 2zone ON. 2zone can be turned OFF by pressing the TI (AUTO) key again. The P/S dot lights while 2 zone is ON.
- Pressing and holding the CLK key for a second in the All OFF status the Mask Key (security) write mode.

■ Security-related information**• Forced Power ON mode (All models)**

Even when the security (Mask key) is approved, resetting the unit while holding the ATT and Preset 4 keys makes it possible to turn the power ON for 30 minutes. After 30 minutes have elapsed, it is not possible to return to the previous condition unless the unit is reset again.

• Method of registration of the security code after EEPROM (Tuner Unit Ass'y) replacement (Code security model)

1. Enter the test mode. (See 1 How to enter the test mode)
2. Press the CLK key to enter the security registration mode.
3. Enter the code using the Preset 1/2/3/4 keys.
Example: To enter "3510"
 - Press the Preset 1 key 4 times.
 - Press the Preset 2 key 6 times.
 - Press the Preset 3 key twice.
 - Press the Preset 4 key once.
4. Press and hold the DISP key for 3 seconds until "APPROVED" is displayed.
5. Exit from the test mode. (See 2 How to exit from the test mode)
(Note) All Clear is not applicable to the security code of this model.

• Simplified method of clearing the security code (K Type only)

1. While the code entry is requested, press and hold the VOL UP key for 3 seconds while holding the DISP key pressed.(This should turn ---- off.)
2. Enter "KCAR" from the remote. (Same way as the 00 model)

Press the 5 key on the remote twice, then press the Track Up key. (This enters "K")
Press the 2 key on the remote 3 times, then press the Track Up key. (This enters "C")
Press the 2 key on the remote once, then press the Track Up key. (This enters "A")
Press the 7 key on the remote twice, then press the Track Up key. (This enters "R")
3. The security code is cleared and the unit enters the All OFF mode.
4. If you commit a mistake in the code entry, the unit enters the code request mode again.

TEST MODE

• Method of writing the Mask key while the EEPROM is in the initial status

1. Enter the test mode. (See 1 How to enter the test mode)
2. Press the CLK key to enter the Mask key registration mode. "TRANSMIT1" should be displayed now. The display at this time should show "< >" in place of "[]".
3. Point the Mask key remote toward the light sensor, and press and hold its key for more than 0.5 second.
4. When "TRANSMIT2" is displayed, press and hold the key on the Mask key remote for more than 0.5 second again. The first and second counter codes are not compared at this time.
5. When "APPROVED" is displayed, the write operation is complete. Now the demonstration mode is initiated and the test mode is terminated.

(Note) In the same way as previous models, if 30 minutes have elapsed with no code written, an error occurs and the power is turned OFF.

• Method of initializing the Mask key (How to reset the unit from the Mask key approved condition to the factory condition)

1. Enter the test mode. (See 1 How to enter the test mode)
2. "TRANSMIT1" is displayed and the Mask key entry request mode is initiated.

The display at this time should show "***" in place of "[]".

3. Press and hold the key on the Master key remote for more than 3 seconds.
4. When "TRANSMIT2" is displayed, press and hold the key on the Master key remote for more than 3 seconds.
5. When "APPROVED" is displayed, the Mask key is cleared, the demonstration mode is initiated, the test mode is terminated and the unit returns to the factory condition.

• Method of clearing all Mask key-related data

1. Enter the test mode. (See 1 How to enter the test mode)
2. Press the CLK key to enter the Mask key registration mode. "TRANSMIT1" should be displayed now.
3. Point the Master key remote toward the light sensor, and press and hold its key for more than 3 seconds (until the level display shows the full condition).
4. When "TRANSMIT2" is displayed, hold the key on the Mask key remote for more than 3 seconds again. If "TRANSMIT1" is displayed in place of "TRANSMIT2", restart the procedure from step 3.
5. When "APPROVED" is displayed, all security data is cleared and the unit returns to the condition before Mask key writing with the EEPROM in the initial status.

ADJUSTMENT

Set the controls and switches as follows.

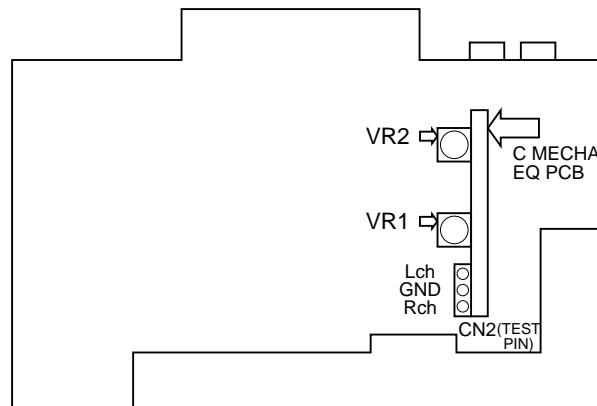
BALANCE :center position BASS :center position LOUD :OFF DOLBY NR :OFF
 FADER :center position TREBLE :center position

No	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER (RECEIVER) SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
CASSETTE DECK SECTION							
[1]	AZIMUTH	TCC-153 10kHz	Connect an AC voltmeter to SP OUT	TAPE PLAY	Head Azimuth Screw	Adjust the azimuth for each Lch/Rch or FWD/RVS becomes maximum	
[2]	PLAY BACK LEVE	TCC-130	Connect an AC voltmeter to CN2	TAPE PLAY	VR1 (L) VR2 (R) (X87)	387.5mV (-6dBm)	

■ Adjustment Points

• Adjusts Dolby Level

Reactivates TCC-130 (Dolby Level Tape), and adjusts VR1 so that the test pin output of Lch becomes -6dBm (387.5 mV). Adjusts VR2 so that the test pin output of Rch also becomes -6dBm.



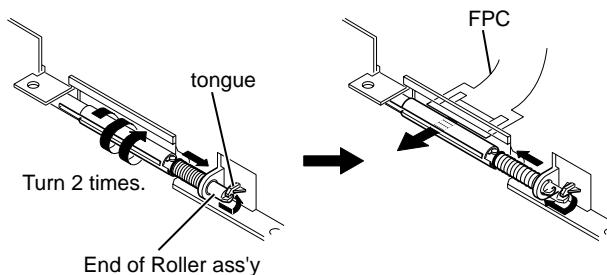
ATTENTION

Assembly of FPC(Flexible PC board) onto Roller ass'y

Turn Roller ass'y by 2 times.

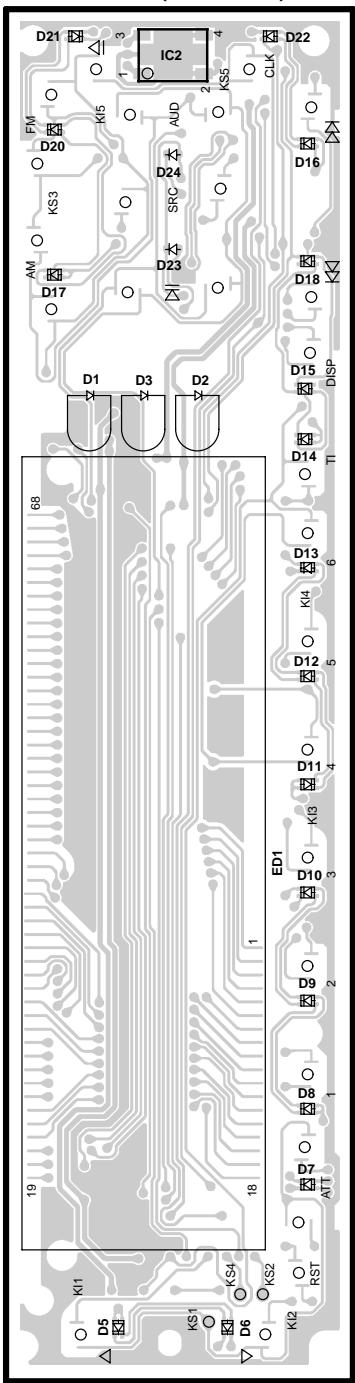
Hook the end of Roller ass'y to the tongue.

Insert the FPC into the slit of Roller ass'y then release the end of Roller ass'y and the tongue.



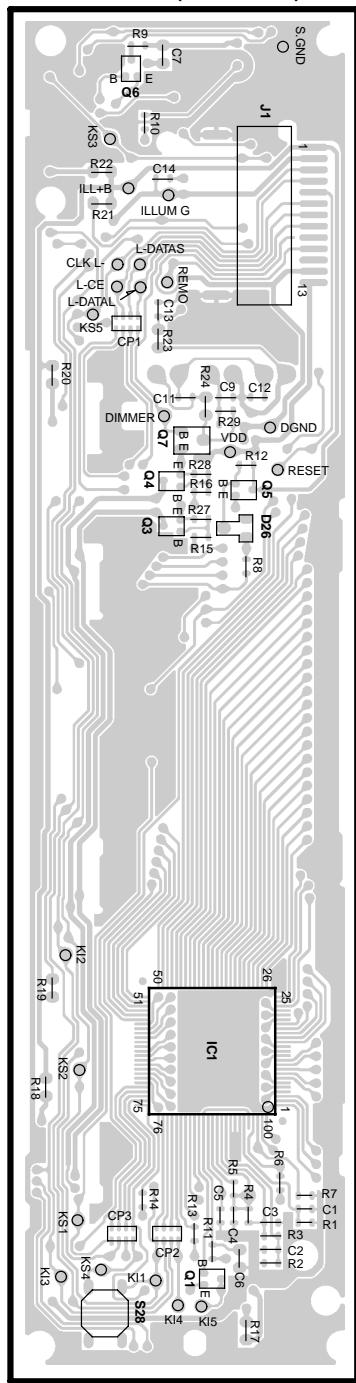
PC BOARD (COMPONENT SIDE VIEW)

X16-1540-12 (J74-1306-12)



(FOIL SIDE VIEW)

X16-1540-12 (J74-1306-12)



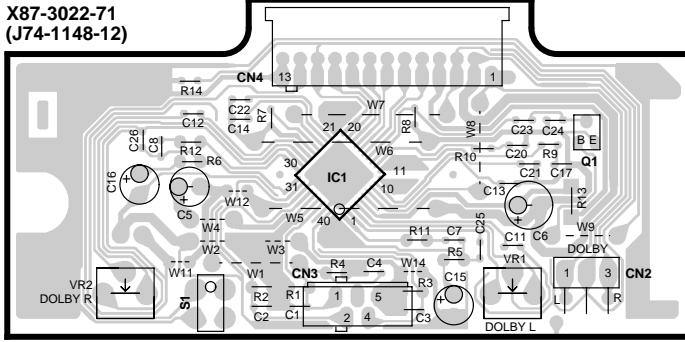
X16-1540-12

Ref. No	address
IC1	5C
IC2	2A
Q1	6C
Q3	3C
Q4	3C
Q5	3C
Q6	2C
Q7	3C

X87-3022-71

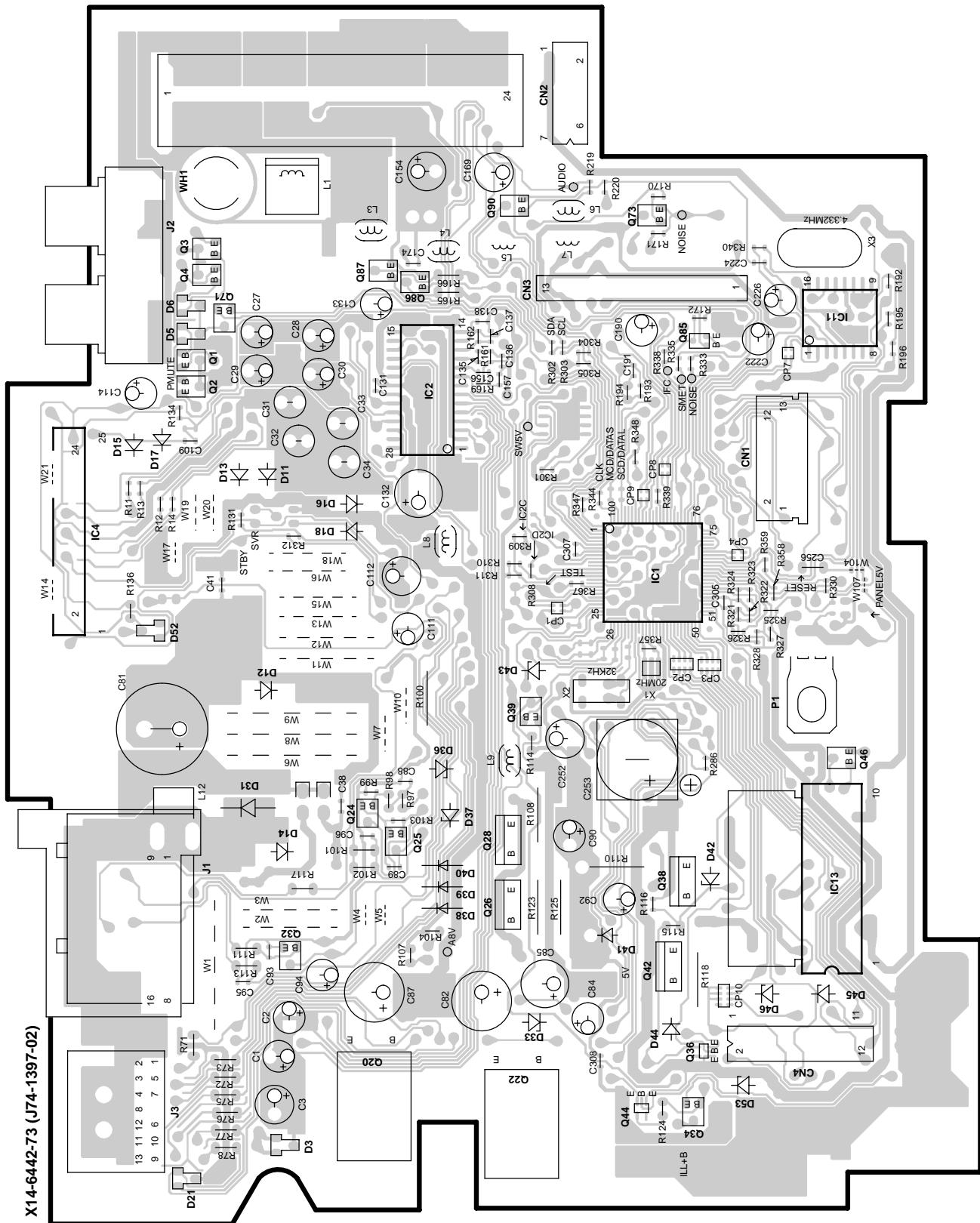
Ref. No	address
IC1	7D
Q1	7D

X87-3022-71
(J74-1148-12)



Refer to the schematic diagram for the values of resistors and capacitors.

KRC-794/Y PC BOARD (COMPONENT SIDE VIEW)



X14-6442-73

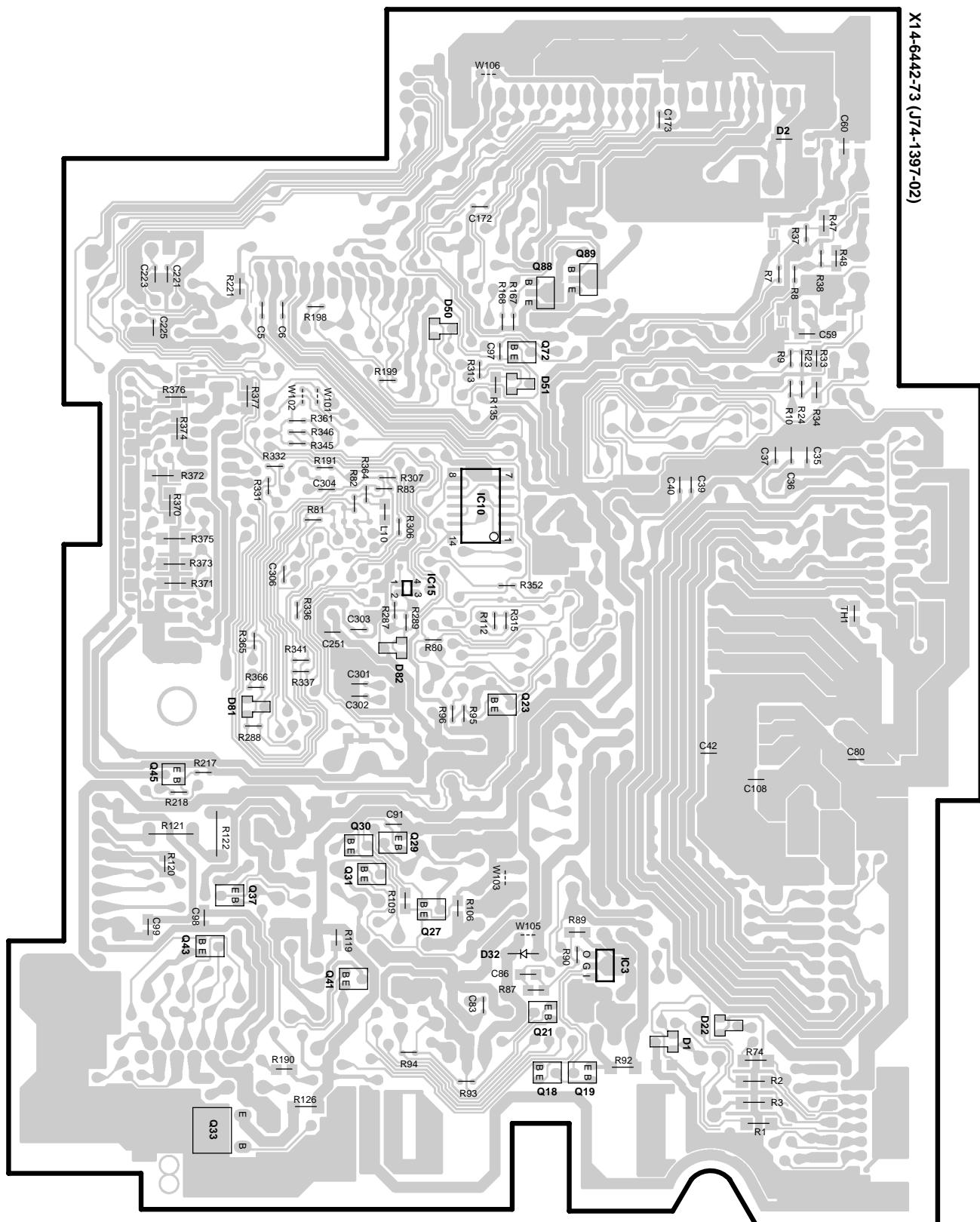
Ref. No	address								
IC1	4I	Q1	3G	Q28	5H	Q39	4H	Q73	2I
IC2	3H	Q20	6H	Q32	5G	Q42	6I	Q85	3I
IC4	3F	Q22	6H	Q34	6I	Q44	6I	Q86	2H
IC11	3J	Q24	5H	Q36	6I	Q46	4J	Q87	2H
IC13	5J	Q25	5H	Q38	5I	Q71	3G	Q90	2H

Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (FOIL SIDE VIEW)

KRC-794/Y

X14-6442-73 (J74-1397-02)



X14-6442-73

Ref. No	address						
IC3	5M	Q21	6M	Q33	6L	Q72	3M
IC10	3M	Q23	4M	Q37	5L	Q88	2M
IC15	4L	Q29	5L	Q41	5L	Q89	2M
Q18	6M	Q30	5L	Q43	5L		
Q19	6M	Q31	5L	Q45	5K		

Refer to the schematic diagram for the values of resistors and capacitors.

A

B

C

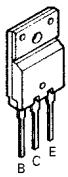
D

E

KRC-794/Y

1
DTA123JK
DTA124EK
DTC114YK
DTC124EK
DTC143TK
DTC143ZK
DTC144EK
KRC103S
UN5213
2SA1576A
2SB1218A
2SB709A
2SC2412K

2SB1548



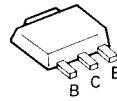
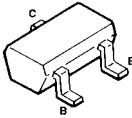
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DAP202K



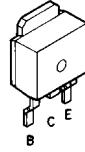
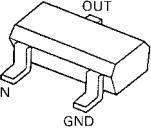
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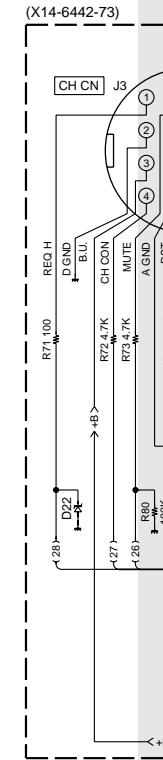
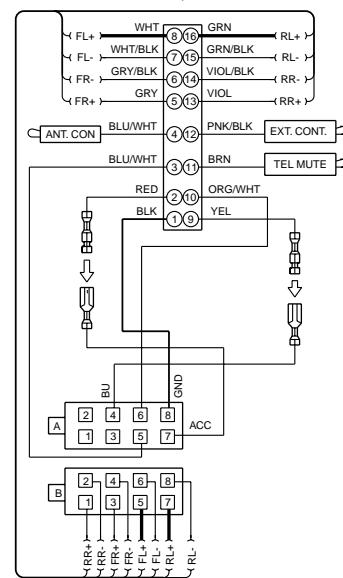
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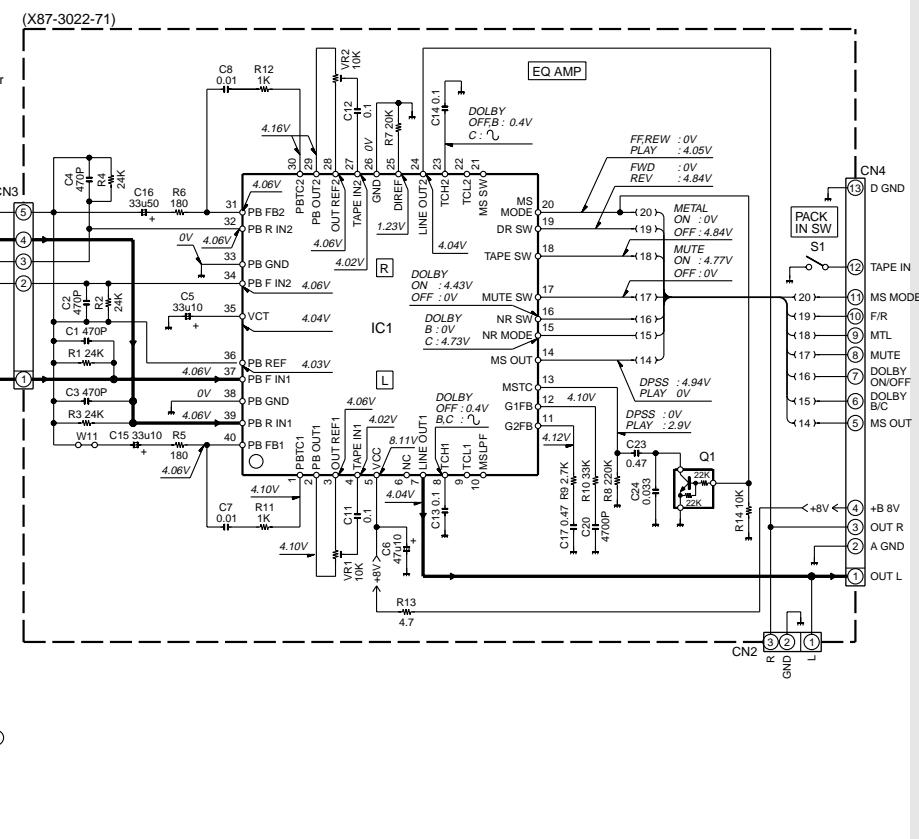
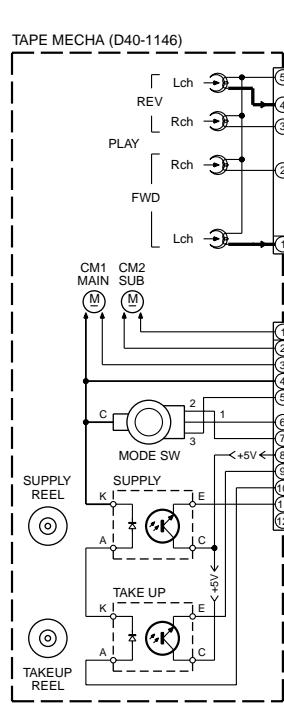
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DTC144EUA
KRC104S

TDA7479D



DC CORD
(E30-4942-05) : KRC-794/Y



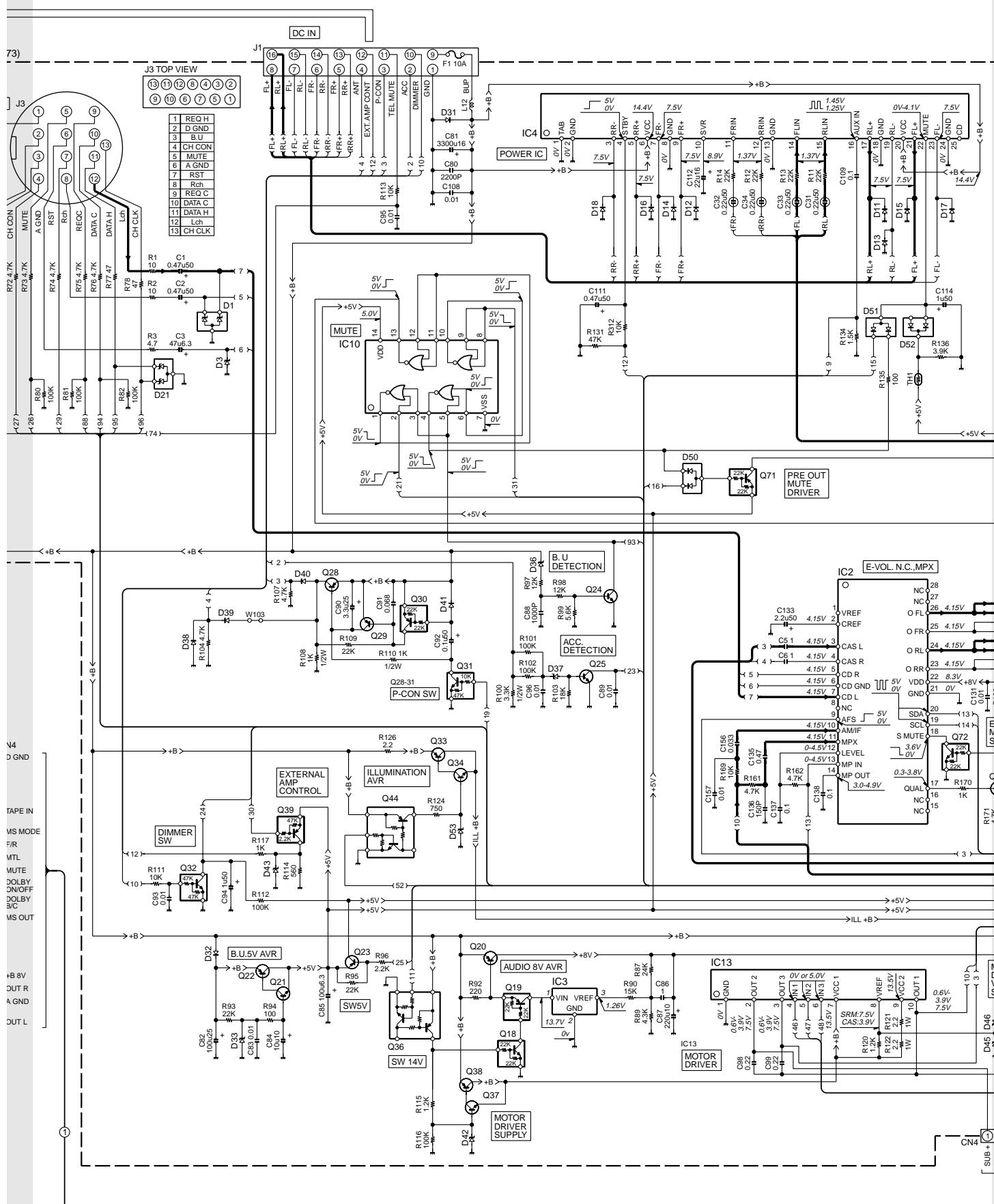
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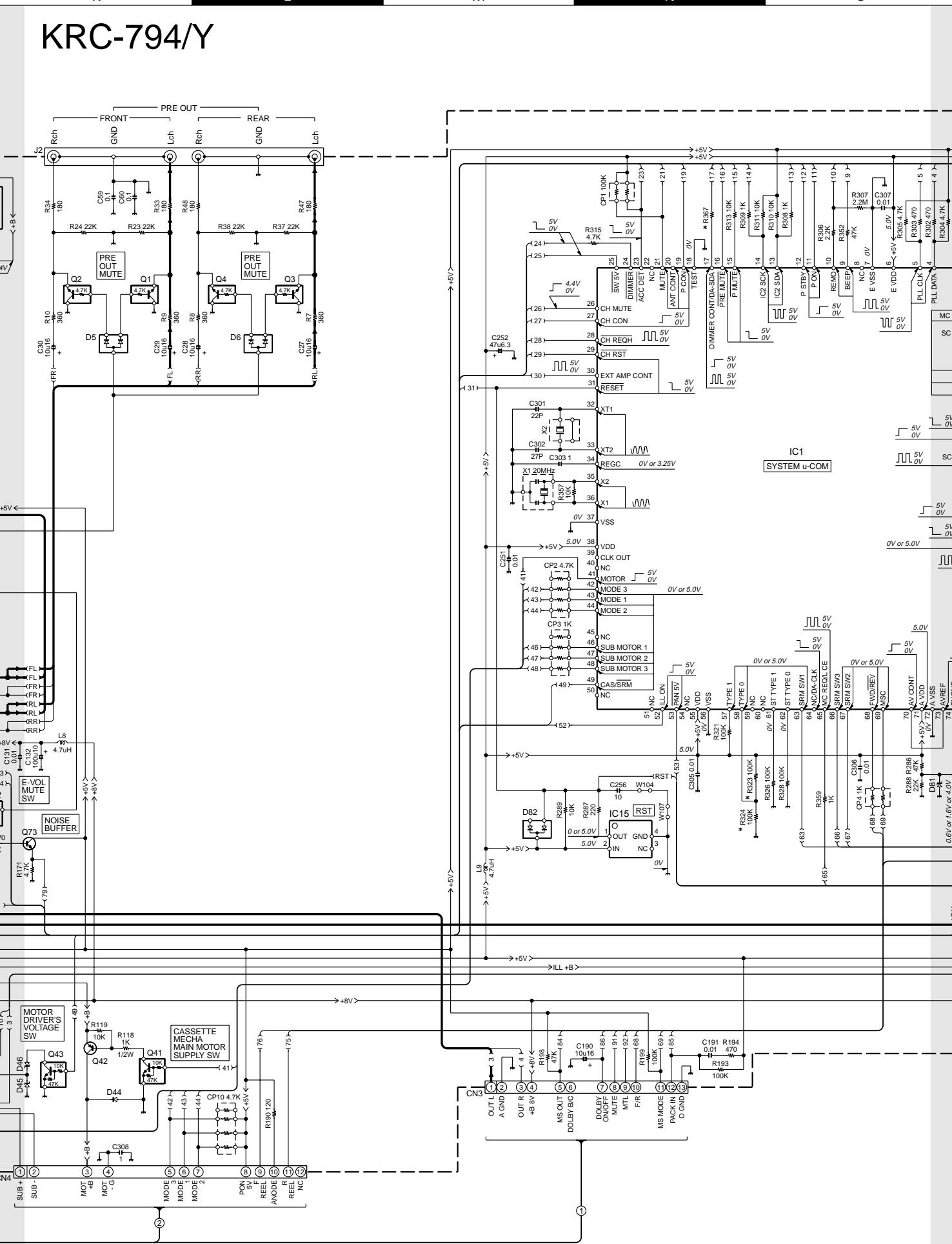
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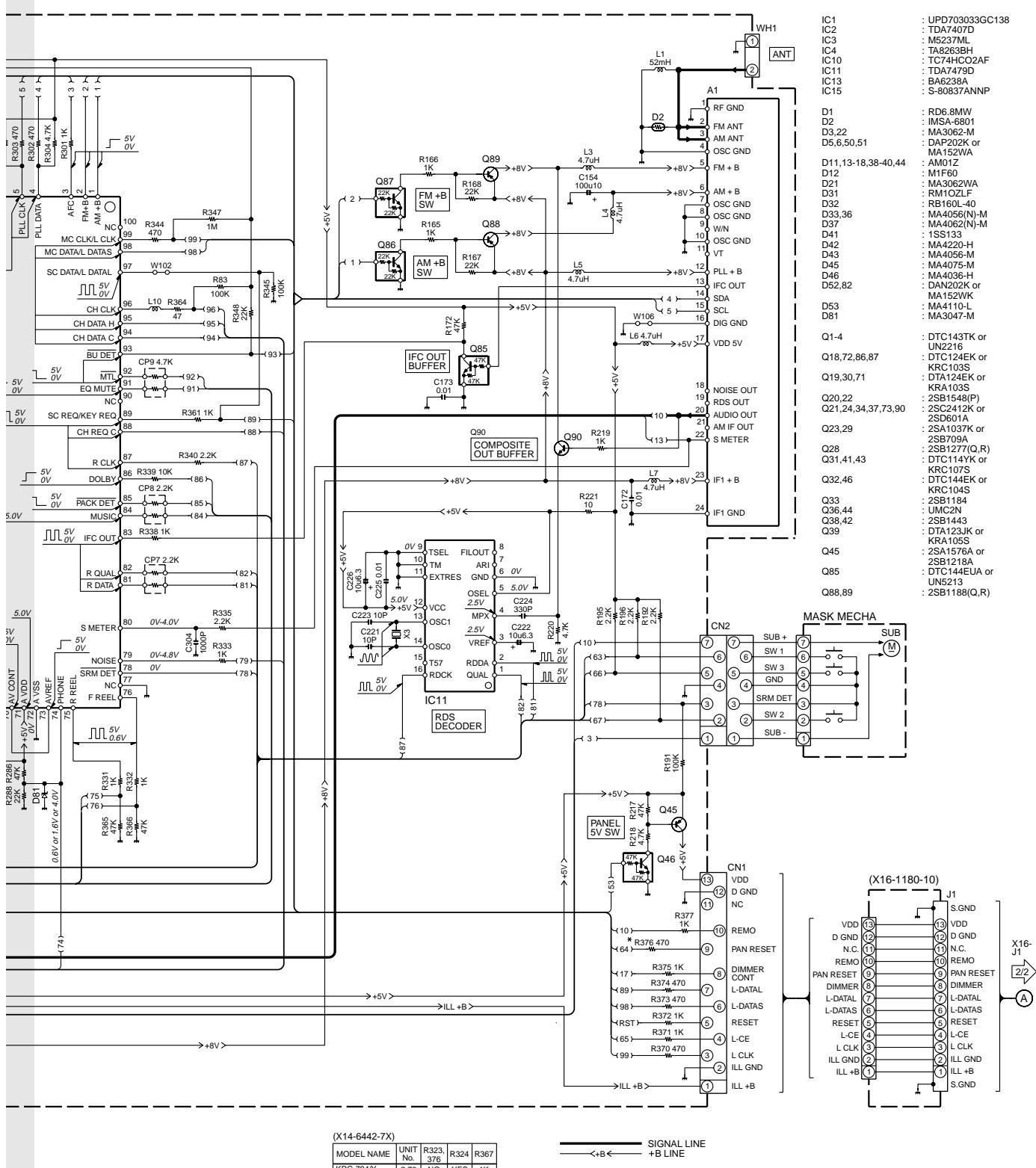
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KRC-794/Y



KRC-794/Y





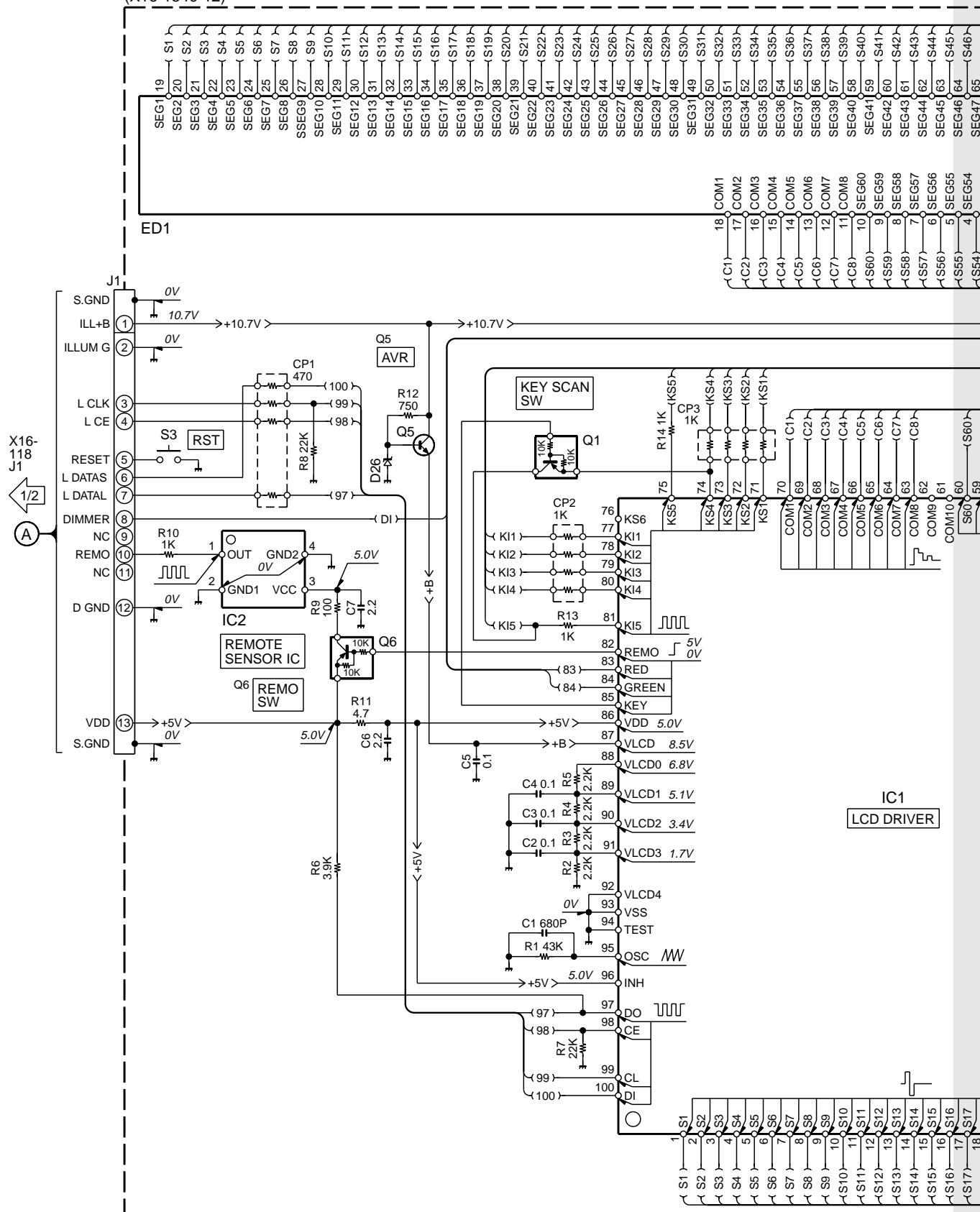
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
⚠ Indicates safety critical components. 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.

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

KRC-794/Y

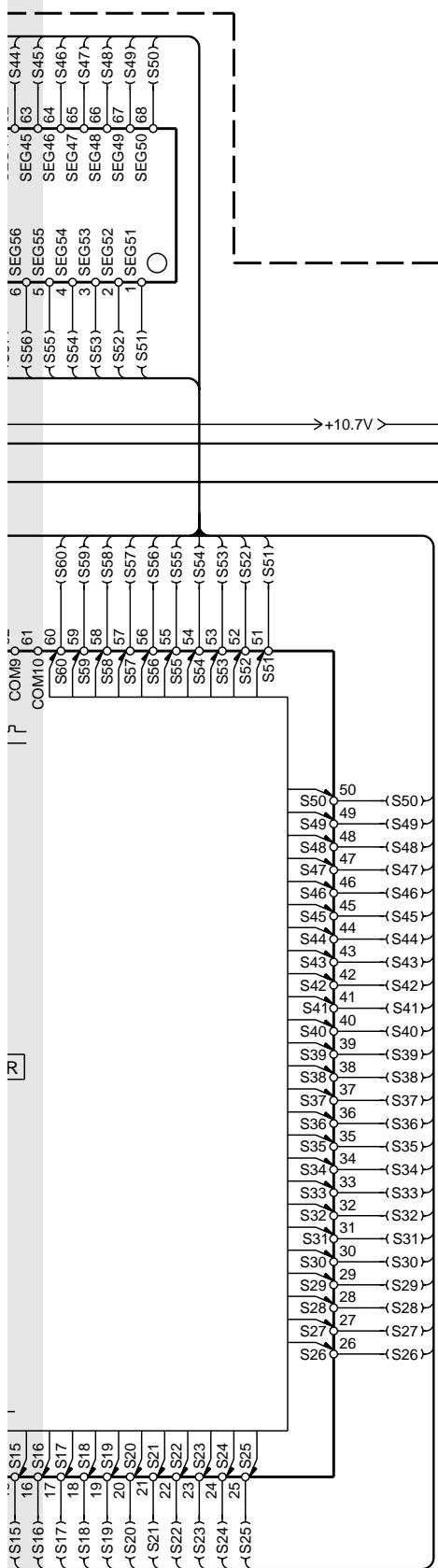
(X16-1540-12)



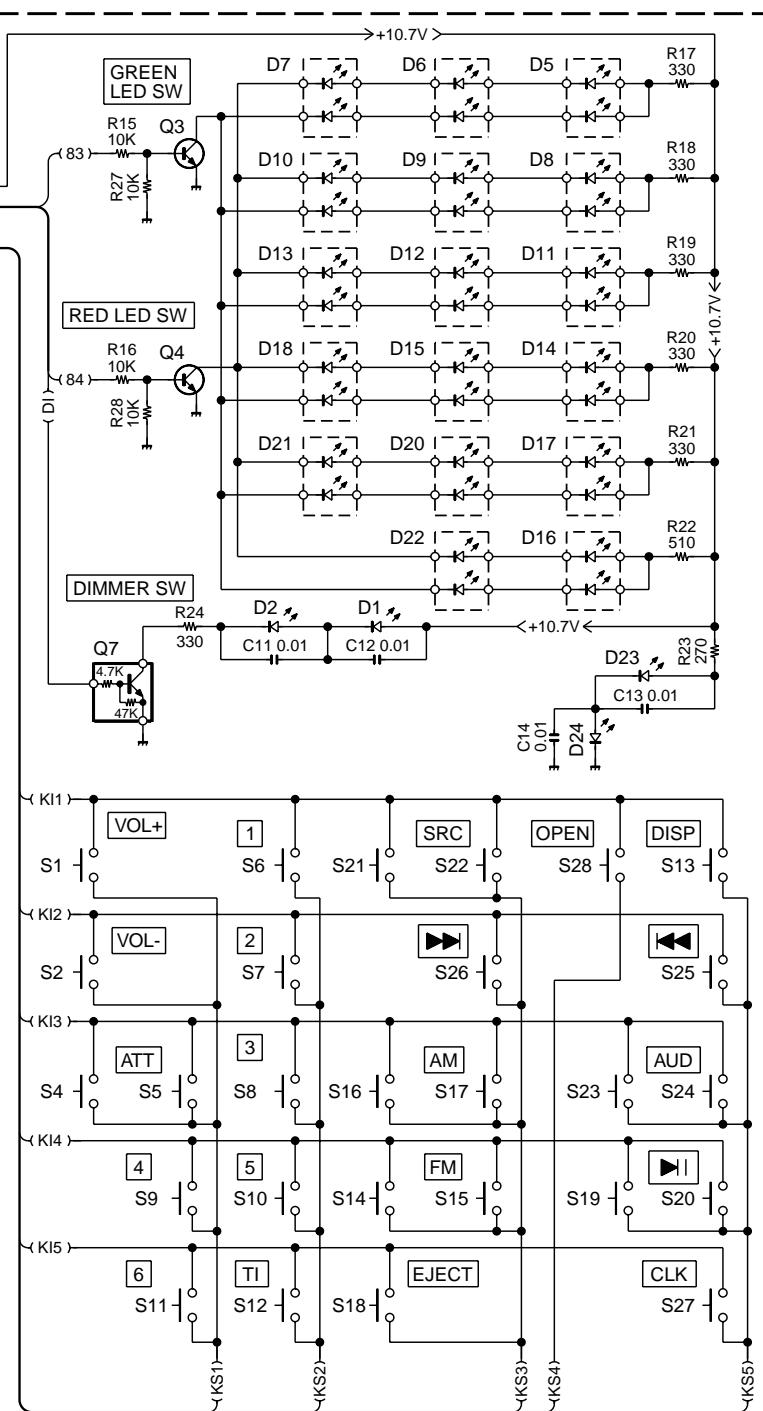
CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).

recommended parts (refer to parts list).
△ Indicates safety critical components. 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.

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

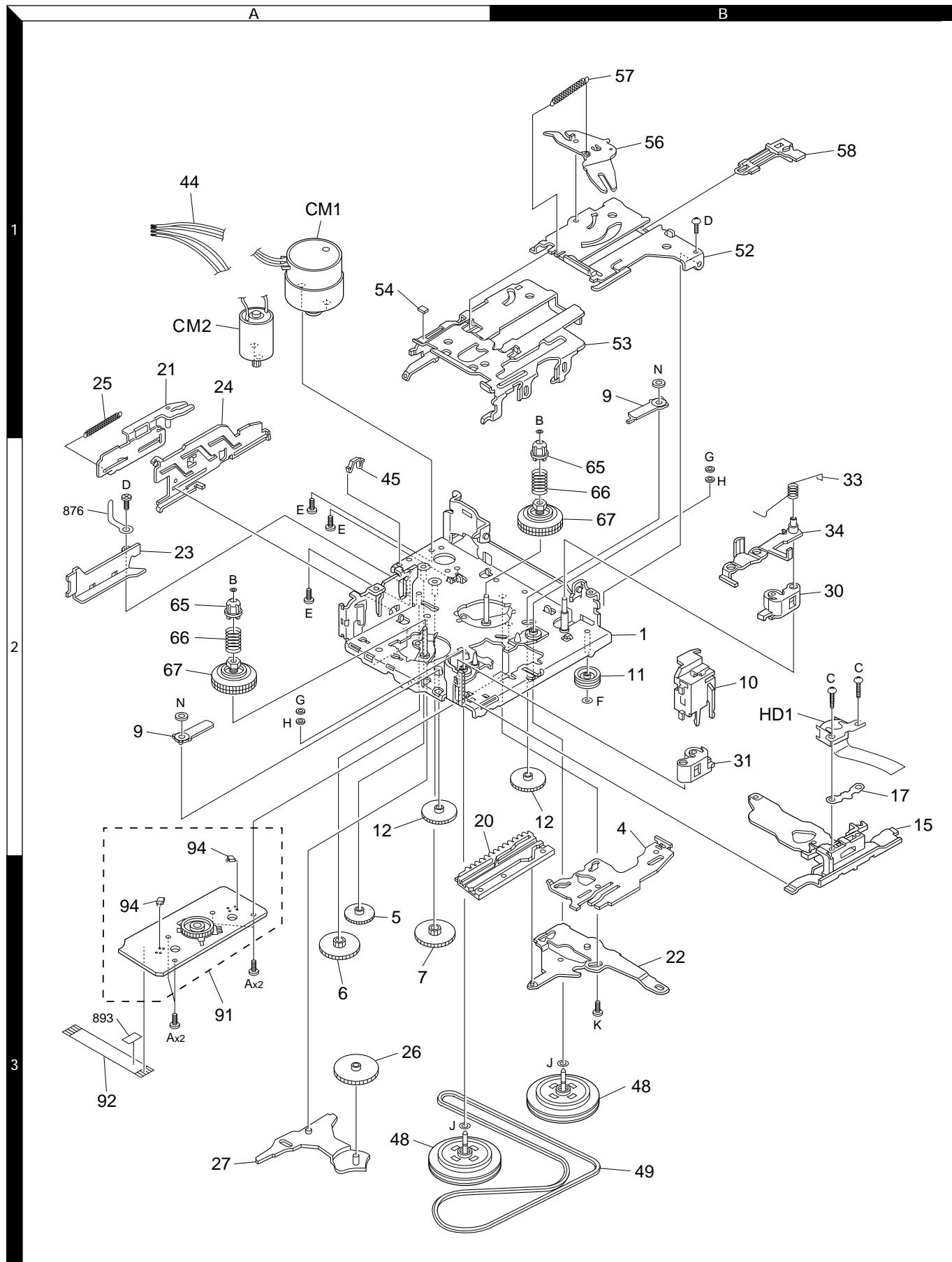


IC1	: LC75808W	D1,2	: B30-1571-05
IC2	: RS-171	D5-22	: B30-1605-05
Q1,6	: DTA114EUA or KRA302	D23,24	: B30-1564-05
Q3-5	: 2SC4081	D26	: MA3082-M
Q7	: DTC143ZK	GND LINE	
		+B LINE	

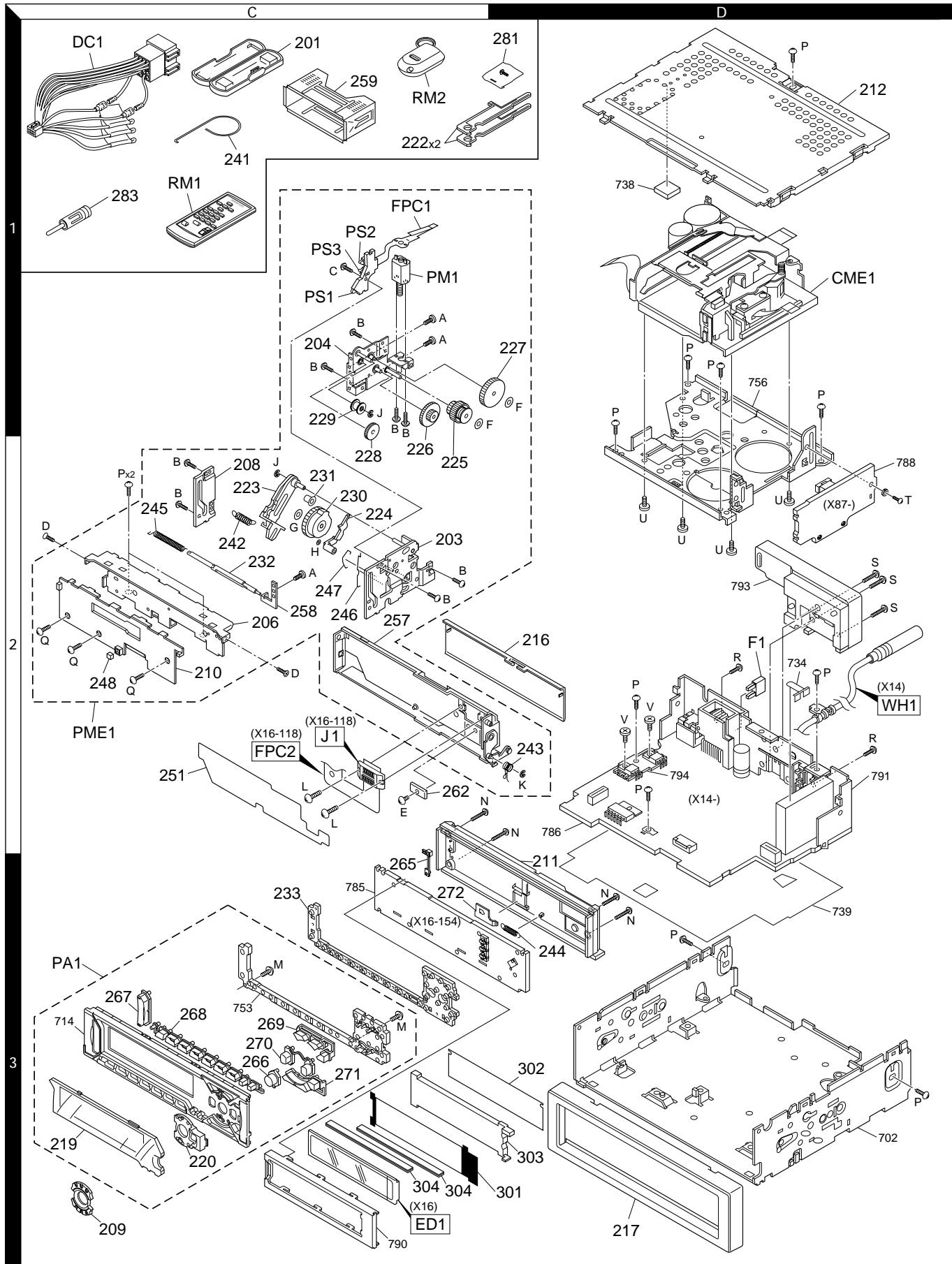


KRC-794/Y

EXPLODED VIEW (MECHANISM)



EXPLODED VIEW (UNIT)



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

PARTS LIST

* 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.

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on	Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
KRC-794/794Y											
201	1C		A02-1497-13	PLASTIC CABINET ASSY		-			H10-4767-12	POLYSTYRENE FOAMED FIXTURE	
203	2C	*	A10-4807-23	CHASSIS CALKING ASSY		-			H25-0329-04	PROTECTION BAG (280X450X0.03)	
204	1C	*	A10-4810-23	CHASSIS CALKING ASSY		-			H25-0337-04	PROTECTION BAG (180X300X0.03)	
206	2C		A10-4834-02	CHASSIS		-			H25-1108-04	PROTECTION BAG (100X300X0.03)	
208	2C		A10-4893-04	CHASSIS CALKING ASSY		-			H30-0544-04	ADHESIVE DOUBLE-COATED TAPE	
209	3C		A21-4171-03	DRESSING PANEL		-		*	H54-2729-03	ITEM CARTON CASE	E2
210	2C		A22-2867-03	SUB PANEL ASSY		-		*	H54-2730-03	ITEM CARTON CASE	E3
211	3D		A46-1753-21	REAR COVER		257	2C		J21-9651-13	MOUNTING HARDWARE ASSY	
212	1D		A52-0784-02	TOP PLATE		258	2C		J21-9699-04	MOUNTING HARDWARE	
PA1	3C	*	A64-3030-02	PANEL ASSY		259	1C		J21-9716-03	MOUNTING HARDWARE ASSY	
PME1	2C		A10-4814-42	CHASSIS ASSY		262	2C		J90-0999-04	GUIDE	
RM1	1C		A70-2025-05	REMOTE CONTROLLER ASSY		FPC	1C		J84-0122-04	FLEXIBLE PRINTED WIRING BOARD	
RM2	1C		A70-0886-15	REMOTE CONTROLLER ASSY		265	3C		K24-3646-04	KNOB (OPEN)	
			B46-0632-04	ID CARD		266	3C		K24-3835-04	KNOB (SRC)	
			B58-1309-04	CAUTION CARD		267	3C		K25-1404-13	KNOB (VOL)	
			B58-1380-04	CAUTION CARD		268	3C		K25-1405-12	KNOB (1-6)	
		*	B64-2586-00	INSTRUCTION MANUAL(ENGLISH)		269	3C		K25-1406-03	KNOB (FM,AM)	
		*	B64-2587-00	INSTRUCTI.MANUAL(FRE.GER.DUT.)	E2	270	3C		K25-1407-03	KNOB (PROG)	
		*	B64-2588-00	INSTRUCTI.MANUAL(ITA.SPA.POR.)	E2	271	3C		K25-1408-03	KNOB (UP,DOWN)	
		*	B64-2589-00	INSTRUCTI.MANUAL(RUS.POL.CZE.)	E3	272	3C		K29-7017-03	KNOB (LOCK)	
		*	B64-2590-00	INSTRUCTI.MANUAL(HUN.CRO.SLO.)	E3	281	1C		N99-1704-05	SCREW SET	
216	2C	*	B03-3073-22	DRESSING PLATE		A	2C		N09-4400-05	MACHINE SCREW	
217	3D		B07-3007-03	ESCUTCHEON ASSY		B	2C		N09-4401-05	MACHINE SCREW	
219	3C	*	B10-4398-01	FRONT GLASS		C	1C		N09-4427-05	TAPTITE SCREW	
220	3C		B10-4222-03	FRONT GLASS		D	2C		N09-4448-05	MACHINE SCREW	
222	1C		D10-4562-04	LEVER		E	3C		N09-4449-05	MACHINE SCREW	
223	2C		D10-4563-04	ARM ASSY		F	2D		N19-2154-04	FLAT WASHER	
224	2C		D10-4590-04	ARM		G	2C		N19-2155-04	FLAT WASHER	
225	2C		D13-2135-04	GEAR ASSY		H	2C		N19-2156-04	FLAT WASHER	
226	2C		D13-2138-04	GEAR		J	2C		N29-0522-05	RETAINING RING	
227	1C		D13-2139-04	GEAR		K	3C		N29-0523-05	RETAINING RING	
228	2C		D13-2140-04	GEAR		L	3C		N38-2025-46	PAN HEAD MACHIN SCREW	
229	1C		D13-2141-24	GEAR ASSY		M	3C		N80-2005-46	PAN HEAD TAPTITE SCREW	
230	2C		D13-2165-13	GEAR ASSY		N	3D		N80-2008-45	PAN HEAD TAPTITE SCREW	
231	2C		D14-0754-04	ROLLER		P	1D		N83-3005-46	PAN HEAD TAPTITE SCREW	
232	2C		D14-0760-03	ROLLER		Q	2C		N86-2004-45	BINDING HEAD TAPTITE SCREW	
CME1	1D		D40-1146-05	CASSETTE MECHANISM ASSY		T	2D		N09-4377-05	TAPTITE SCREW (2X5S SW)	
233	3C		E29-1879-02	CONDUCTIVE RUBBER		U	2D		N09-4368-05	MACHINE SCREW	
DC1	1C		E30-4942-05	DC CORD		PS1-3	1C		S68-0856-05	PUSH SWITCH	
F1	2D		F52-0006-05	FUSE(MINI BLADE TYPE)10A		283	1C		T90-0523-05	ANTENNA ADAPTOR	
						PM1	1C		T42-1034-14	MOTOR ASSY	
SYNTHESIZER UNIT (X14-6442-73)											
241	1C		G01-2924-04	TORSION COIL SPRING		C1 ,2			C90-2606-05	ELECTRO	0.47UF 50WV
242	2C		G01-3065-04	EXTENSION SPRING		C3			CE04CW0J470M	ELECTRO	47UF 6.3WV
243	2C		G01-3066-14	TORSION COIL SPRING		C5 ,6			CK73GB0J105K	CHIP C	1.0UF K
244	3D		G01-3069-04	EXTENSION SPRING		C27 -30			C90-2597-05	ELECTRO	10UF 16WV
245	2C		G01-3080-04	TORSION COIL SPRING		C31 -34			C90-5297-05	NP-ELECT	0.22UF 50WV
246	2C		G09-2038-04	FORMED WIRE		C59 ,60			CK73FB1H104K	CHIP C	0.10UF K
247	2C		G09-2042-04	FORMED WIRE		C80			CK73GB1H222K	CHIP C	2200PF K
248	2C		G11-1927-04	CUSHION		C81			C90-5242-05	ELECTRO	3300UF 16WV
251	2C		G16-1177-04	SHEET		C82			CE04CW1E101M	ELECTRO	100UF 25WV
						C83			CK73GB1H103K	CHIP C	0.010UF K

PARTS LIST

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SYNTHESIZER UNIT (X14-6442-73)

Ref. No.	A d d	N e w	Parts No.	Description			Dest inati on	Ref. No.	A d d	N e w	Parts No.	Description			Dest inati on
C84			C90-2594-05	ELECTRO	10UF	10WV		J2			E63-0853-05	PIN JACK			
C85			CE04CW0J101M	ELECTRO	100UF	6.3WV		J3			E56-0834-05	CYLINDRICAL RECEPTACLE			
C86			CK73FB1C105K	CHIP C	1.0UF	K		WH1			E30-4804-05	CORD WITH PLUG			
C87			CE04CW1A221M	ELECTRO	220UF	10WV		L1			L33-1039-05	LINE FILTER COIL			
C88			CK73GB1H102K	CHIP C	1000PF	K		L3 ,4			L40-4795-91	SMALL FIXED INDUCTOR(4.7UH,J)			
C89			CK73GB1H103K	CHIP C	0.010UF	K		L5			L40-4791-17	SMALL FIXED INDUCTOR(4.7UH,K)			
C90			C90-2598-05	ELECTRO	3.3UF	25WV		L6			L40-4795-91	SMALL FIXED INDUCTOR(4.7UH,J)			
C91			CK73GB1C683K	CHIP C	0.068UF	K		L7			L40-4791-17	SMALL FIXED INDUCTOR(4.7UH,K)			
C91			CK73GB1H683K	CHIP C	0.068UF	K		L8 ,9			L40-4795-91	SMALL FIXED INDUCTOR(4.7UH,J)			
C92			C90-2602-05	ELECTRO	0.10UF	50WV		L10			L92-0075-05	CHIP FERRITE			
C93			CK73GB1H103K	CHIP C	0.010UF	K		L12			L33-1170-05	CHOKE COIL ASSY			
C94			C90-2608-05	ELECTRO	1.0UF	50WV		X1			L78-0821-05	RESONATOR			
C95 ,96			CK73GB1H103K	CHIP C	0.010UF	K		X2			L77-2738-05	CRYSTAL RESONATOR			
C98 ,99			CK73FB1C224K	CHIP C	0.22UF	K		X3			L77-2002-05	CRYSTAL RESONATOR			
C108			CK73GB1H103K	CHIP C	0.010UF	K		P	2D		N83-3005-46	PAN HEAD TAPTITE SCREW			
C109			CK73GB1C104K	CHIP C	0.10UF	K		R	2D		N80-3008-46	PAN HEAD TAPTITE SCREW			
C109			CK73GB1H104K	CHIP C	0.10UF	K		S	2D		N84-3014-46	PAN HEAD TAPTITE SCREW			
C111			C90-2606-05	ELECTRO	0.47UF	50WV		V	2D		N09-4318-05	MACHINE SCREW (M3X5)			
C112			CE04CW1C220M	ELECTRO	22UF	16WV		CP1			R90-0737-05	MULTI-COMP	100K X2		
C114			C90-2608-05	ELECTRO	1.0UF	50WV		CP2			R90-0718-05	MULTI-COMP	4.7K X4		
C131			CK73GB1H103K	CHIP C	0.010UF	K		CP3			R90-0724-05	MULTI-COMP	1K X4		
C132			CE04CW1A101M	ELECTRO	100UF	10WV		CP4			R90-0725-05	MULTI-COMP	1K X2		
C133			C90-2610-05	ELECTRO	2.2UF	50WV		CP7			R90-1013-05	MULTI-COMP	2.2K X2		
C135			CK73GB1A474K	CHIP C	0.47UF	K		CP8 ,9			R90-0719-05	MULTI-COMP	4.7K X2		
C136			CC73GCH1H151J	CHIP C	150PF	J		CP10			R90-0718-05	MULTI-COMP	4.7K X4		
C137,138			CK73GB1C104K	CHIP C	0.10UF	K		R1 ,2			RK73EB2E100J	CHIP R	10 J 1/4W		
C137,138			CK73GB1H104K	CHIP C	0.10UF	K		R3			RK73EB2E4R7J	CHIP R	4.7 J 1/4W		
C154			CE04DW1A101M	ELECTRO	100UF	10WV		R7 -10			RK73GB2A361J	CHIP R	360 J 1/10W		
C156			CK73GB1E333K	CHIP C	0.033UF	K		R11 -14			RK73GB2A223J	CHIP R	22K J 1/10W		
C156			CK73GB1H333K	CHIP C	0.033UF	K		R23 ,24			RK73GB2A223J	CHIP R	22K J 1/10W		
C157			CK73GB1H103K	CHIP C	0.010UF	K		R33 ,34			RK73FB2B181J	CHIP R	180 J 1/8W		
C172,173			CK73GB1H103K	CHIP C	0.010UF	K		R37 ,38			RK73GB2A223J	CHIP R	22K J 1/10W		
C190			C90-2597-05	ELECTRO	10UF	16WV		R47 ,48			RK73FB2B181J	CHIP R	180 J 1/8W		
C191			CK73GB1H103K	CHIP C	0.010UF	K		R71			RK73EB2E101J	CHIP R	100 J 1/4W		
C221			CC73GCH1H100D	CHIP C	10PF	D		R72 -76			RK73EB2E472J	CHIP R	4.7K J 1/4W		
C222			C90-2592-05	ELECTRO	10UF	6.3WV		R77 ,78			RK73EB2E470J	CHIP R	47 J 1/4W		
C223			CC73GCH1H100D	CHIP C	10PF	D		R80 -83			RK73GB2A104J	CHIP R	100K J 1/10W		
C224			CC73GCH1H331J	CHIP C	330PF	J		R87			R92-3047-05	CHIP R	24K D 1/10W		
C225			CK73GB1H103K	CHIP C	0.010UF	K		R89			R92-3032-05	CHIP R	4.3K D 1/10W		
C226			C90-2592-05	ELECTRO	10UF	6.3WV		R90			RK73GB2A153J	CHIP R	15K J 1/10W		
C251			CK73GB1H103K	CHIP C	0.010UF	K		R92			RK73EB2E221J	CHIP R	220 J 1/4W		
C252			CE04CW0J470M	ELECTRO	47UF	6.3WV		R93			RK73GB2A223J	CHIP R	22K J 1/10W		
C256			CK73EB0J106K	CHIP C	10UF	K		R94			RK73GB2A101J	CHIP R	100 J 1/10W		
C301			CC73GCH1H220J	CHIP C	22PF	J		R95			RK73GB2A223J	CHIP R	22K J 1/10W		
C302			CC73GCH1H270J	CHIP C	27PF	J		R96			RK73GB2A222J	CHIP R	2.2K J 1/10W		
C303			CK73GB0J105K	CHIP C	1.0UF	K		R97 ,98			RK73FB2B123J	CHIP R	12K J 1/8W		
C304			CK73GB1H102K	CHIP C	1000PF	K		R99			RK73GB2A562J	CHIP R	5.6K J 1/10W		
C305-307			CK73GB1H103K	CHIP C	0.010UF	K		R100			RD14DB2H332J	SMALL-RD	3.3K J 1/2W		
C308			CK73GB0J105K	CHIP C	1.0UF	K									
CN1			E40-9557-05	FLAT CABLE CONNECTOR				R101,102			RK73EB2E104J	CHIP R	100K J 1/4W		
CN2			E40-5031-05	FLAT CABLE CONNECTOR				R103			RK73GB2A183J	CHIP R	8K J 1/10W		
CN3			E41-0084-05	PIN ASSY				R104			RK73FB2B472J	CHIP R	4.7K J 1/8W		
CN4			E40-5036-05	FLAT CABLE CONNECTOR				R107			RD14DB2H102J	CHIP R	4.7K J 1/8W		
J1			E58-0863-15	RECTANGULAR RECEPTACLE				R108			RD14DB2H102J	SMALL-RD	1.0K J 1/2W		

△ indicates safety critical components.

PARTS LIST

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SYNTHESIZER UNIT (X14-6442-73)

Ref. No.	A d d	N e w	Parts No.	Description			Desti nation
R109			RK73FB2B223J	CHIP R	22K	J 1/8W	
R110			RD14DB2H102J	SMALL-RD	1.0K	J 1/2W	
R111			RK73EB2E103J	CHIP R	10K	J 1/4W	
R112			RK73GB2A104J	CHIP R	100K	J 1/10W	
R113			RK73EB2E103J	CHIP R	10K	J 1/4W	
R114			RK73FB2B561J	CHIP R	560	J 1/8W	
R115			RK73FB2B122J	CHIP R	1.2K	J 1/8W	
R116			RK73GB2A104J	CHIP R	100K	J 1/10W	
R117			RK73EB2E102J	CHIP R	1.0K	J 1/4W	
R118			RD14DB2H102J	SMALL-RD	1.0K	J 1/2W	
R119			RK73FB2B103J	CHIP R	10K	J 1/8W	
R120			RK73FB2B122J	CHIP R	1.2K	J 1/8W	
R121,122			R92-2104-05	CHIP R	2.2	J 1W	
R124			RK73FB2B751J	CHIP R	750	J 1/8W	
R126			RK73EB2E2R2J	CHIP R	2.2	J 1/4W	
R131			RK73GB2A473J	CHIP R	47K	J 1/10W	
R134			RK73GB2A152J	CHIP R	1.5K	J 1/10W	
R135			RK73FB2B101J	CHIP R	100	J 1/8W	
R136			RK73FB2B392J	CHIP R	3.9K	J 1/8W	
R161,162			RK73GB2A472J	CHIP R	4.7K	J 1/10W	
R165,166			RK73EB2E102J	CHIP R	1.0K	J 1/4W	
R167,168			RK73GB2A223J	CHIP R	22K	J 1/10W	
R169			RK73GB2A103J	CHIP R	10K	J 1/10W	
R170			RK73GB2A102J	CHIP R	1.0K	J 1/10W	
R171			RK73GB2A472J	CHIP R	4.7K	J 1/10W	
R172			RK73GB2A473J	CHIP R	47K	J 1/10W	
R190			RK73FB2B121J	CHIP R	120	J 1/8W	
R191			RK73GB2A104J	CHIP R	100K	J 1/10W	
R192			RK73GB2A222J	CHIP R	2.2K	J 1/10W	
R193			RK73GB2A104J	CHIP R	100K	J 1/10W	
R194			RK73FB2B471J	CHIP R	470	J 1/8W	
R195,196			RK73GB2A222J	CHIP R	2.2K	J 1/10W	
R198			RK73GB2A473J	CHIP R	47K	J 1/10W	
R199			RK73GB2A104J	CHIP R	100K	J 1/10W	
R217			RK73GB2A473J	CHIP R	47K	J 1/10W	
R218			RK73GB2A472J	CHIP R	4.7K	J 1/10W	
R219			RK73GB2A102J	CHIP R	1.0K	J 1/10W	
R220			RK73GB2A472J	CHIP R	4.7K	J 1/10W	
R221			RK73FB2B100J	CHIP R	10	J 1/8W	
R286			RK73GB2A473J	CHIP R	47K	J 1/10W	
R287			RK73GB2A221J	CHIP R	220	J 1/10W	
R288			RK73GB2A223J	CHIP R	22K	J 1/10W	
R289			RK73GB2A103J	CHIP R	10K	J 1/10W	
R301			RK73GB2A102J	CHIP R	1.0K	J 1/10W	
R302,303			RK73GB2A471J	CHIP R	470	J 1/10W	
R304,305			RK73GB2A472J	CHIP R	4.7K	J 1/10W	
R306			RK73GB2A222J	CHIP R	2.2K	J 1/10W	
R307			RK73GB2A225J	CHIP R	2.2M	J 1/10W	
R308,309			RK73GB2A102J	CHIP R	1.0K	J 1/10W	
R310-313			RK73GB2A103J	CHIP R	10K	J 1/10W	
R315			RK73GB2A472J	CHIP R	4.7K	J 1/10W	
R321			RK73GB2A104J	CHIP R	100K	J 1/10W	
R324			RK73GB2A104J	CHIP R	100K	J 1/10W	
R326			RK73GB2A104J	CHIP R	100K	J 1/10W	
R328			RK73GB2A104J	CHIP R	100K	J 1/10W	

Ref. No.	A d d	N e w	Parts No.	Description			Desti nation
R331-333			RK73GB2A102J	CHIP R	1.0K	J 1/10W	
R335			RK73GB2A222J	CHIP R	2.2K	J 1/10W	
R338			RK73GB2A102J	CHIP R	1.0K	J 1/10W	
R339			RK73GB2A103J	CHIP R	10K	J 1/10W	
R340			RK73GB2A222J	CHIP R	2.2K	J 1/10W	
R344			RK73GB2A471J	CHIP R	470	J 1/10W	
R345			RK73GB2A104J	CHIP R	100K	J 1/10W	
R347			RK73GB2A105J	CHIP R	1.0M	J 1/10W	
R348			RK73GB2A223J	CHIP R	22K	J 1/10W	
R352			RK73GB2A473J	CHIP R	47K	J 1/10W	
R357			RK73GB2A103J	CHIP R	10K	J 1/10W	
R359			RK73GB2A102J	CHIP R	1.0K	J 1/10W	
R361			RK73GB2A102J	CHIP R	1.0K	J 1/10W	
R364			RK73GB2A470J	CHIP R	47	J 1/10W	
R365,366			RK73GB2A473J	CHIP R	47K	J 1/10W	
R367			RK73GB2A102J	CHIP R	1.0K	J 1/10W	
R370			RK73EB2E471J	CHIP R	470	J 1/4W	
R371,372			RK73EB2E102J	CHIP R	1.0K	J 1/4W	
R373,374			RK73EB2E471J	CHIP R	470	J 1/4W	
R375			RK73EB2E102J	CHIP R	1.0K	J 1/4W	
R377			RK73EB2E102J	CHIP R	1.0K	J 1/4W	
W102-104			R92-1252-05	CHIP R	0 OHM	J 1/16W	
W106			R92-2052-05	CHIP R	0 OHM	J 1/10W	
W107			R92-1252-05	CHIP R	0 OHM	J 1/16W	
D1			RD6.8MW	ZENER DIODE			
D2			IMSA-6801	SURGE ABSORBER			
D3			HZM6.2N(B2)	ZENER DIODE			
D3			MA3062-M	ZENER DIODE			
D5 ,6			DAP202K	ZENER DIODE			
D11			AM01Z	ZENER DIODE			
D11			DSM1SD2	ZENER DIODE			
D11			ERA15-02	ZENER DIODE			
D12			M1F60	ZENER DIODE			
D13 -18			AM01Z	ZENER DIODE			
D13 -18			DSM1SD2	ZENER DIODE			
D13 -18			ERA15-02	ZENER DIODE			
D21			MA3062WA	ZENER DIODE			
D22			HZM6.2N(B2)	ZENER DIODE			
D22			MA3062-M	ZENER DIODE			
D31			RM10ZLF	ZENER DIODE			
D32			RB160L-40	ZENER DIODE			
D33			MA4056(N)-M	ZENER DIODE			
D36			MA4056(N)-M	ZENER DIODE			
D37			MA4062(N)-M	ZENER DIODE			
D38 -40			AM01Z	ZENER DIODE			
D38 -40			1SR139-400	ZENER DIODE			
D41			1SS133	ZENER DIODE			
D42			HZS223	ZENER DIODE			
D42			MA4220-H	ZENER DIODE			
D43			HZS6B1	ZENER DIODE			
D43			MA4056-M	ZENER DIODE			
D44			AM01Z	ZENER DIODE			
D44			DSM1SD2	ZENER DIODE			
D44			ERA15-02	ZENER DIODE			

PARTS LIST

* New Parts

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SYNTHESIZER UNIT (X14-6442-73)

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on	Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
D45			HZS7C2	ZENER DIODE		Q43			DTC114YK	DIGITAL TRANSISTOR	
D45			MA4075-M	ZENER DIODE		Q43			KRC107S	DIGITAL TRANSISTOR	
D46			HZS4A3	ZENER DIODE		Q44			UMC2N	TRANSISTOR	
D46			MA4036-H	ZENER DIODE		Q45			2SA1576A	TRANSISTOR	
D50 ,51			DAP202K	DIODE		Q45			2SB1218A	TRANSISTOR	
D52			DAN202K	DIODE		Q46			DTC144EK	DIGITAL TRANSISTOR	
D53			HZS11B2	ZENER DIODE		Q46			KRC104S	DIGITAL TRANSISTOR	
D53			MA4110-L	ZENER DIODE		Q71			DTA124EK	DIGITAL TRANSISTOR	
D81			HZM4.7N(B2)	ZENER DIODE		Q71			KRA103S	DIGITAL TRANSISTOR	
D81			MA3047-M	ZENER DIODE		Q72			DTC124EK	DIGITAL TRANSISTOR	
D82			DAN202K	DIODE		Q72			KRC103S	DIGITAL TRANSISTOR	
IC1			UPD703033GC138	MI-COM IC		Q73			2SC2412K	TRANSISTOR	
IC2			TDA7407D	ANALOGUE IC		Q73			2SD601A	TRANSISTOR	
IC3			M5237ML	IC(VOLTAGE REGULATOR)		Q85			DTC144EUA	DIGITAL TRANSISTOR	
IC4			TA8273H	ANALOGUE IC		Q85			UN5213	DIGITAL TRANSISTOR	
IC10			HD74HC02FP	MOS-IC		Q86 ,87			DTC124EK	DIGITAL TRANSISTOR	
IC10			TC74HC02AF	MOS-IC		Q86 ,87			KRC103S	DIGITAL TRANSISTOR	
IC11			TDA7479D	ANALOGUE IC		Q88 ,89			2SB1188(Q,R)	TRANSISTOR	
IC13			BA6238A	ANALOGUE IC		Q90			2SC2412K	TRANSISTOR	
IC15			S-80837ANNP	MOS-IC		Q90			2SD601A	TRANSISTOR	
Q1 -4			DTC143TK	DIGITAL TRANSISTOR		TH1			PTH9C42BD471Q	POSITIVE RESISTOR	
Q1 -4			UN2216	DIGITAL TRANSISTOR		A1			X86-3242-70	TUNER UNIT	
Q18			DTC124EK	DIGITAL TRANSISTOR							
Q18			KRC103S	DIGITAL TRANSISTOR							
Q19			DTA124EK	DIGITAL TRANSISTOR							
Q19			KRA103S	DIGITAL TRANSISTOR							
Q20			2SB1548(P)	TRANSISTOR							
Q21			2SC2412K	TRANSISTOR							
Q21			2SD601A	TRANSISTOR							
Q22			2SB1548(P)	TRANSISTOR							
Q23			2SA1037K	TRANSISTOR		301	3C	*	B11-1382-04	OPTICAL DIFFUSER	
Q23			2SB709A	TRANSISTOR		302	3C	*	B11-1383-04	REFLECTION SHEET	
Q24 ,25			2SC2412K	TRANSISTOR		303	3C	*	B19-2134-03	LIGHTING BOARD	
Q24 ,25			2SD601A	TRANSISTOR		D1 ,2			B30-1571-05	LED(WHITE)	
Q28			2SB1277(Q,R)	TRANSISTOR		D5 -18			B30-1605-05	LED(2COLOR PG/RED)	
Q29			2SA1037K	TRANSISTOR							
Q29			2SB709A	TRANSISTOR		D20 -22			B30-1605-05	LED(2COLOR PG/RED)	
Q30			DTA124EK	DIGITAL TRANSISTOR		D23 ,24			B30-1564-05	LED(1608,BLUE)	
Q30			KRA103S	DIGITAL TRANSISTOR		ED1			B38-1088-05	LIQUID CRYSTAL	
Q31			DTC114YK	DIGITAL TRANSISTOR							
Q31			KRC107S	DIGITAL TRANSISTOR		C1			CC73GCH1H681J	CHIP C 680PF J	
Q32			DTC144EK	DIGITAL TRANSISTOR		C2 -5			CK73GB1C104K	CHIP C 0.10UF K	
Q32			KRC104S	DIGITAL TRANSISTOR		C2 -5			CK73GB1H104K	CHIP C 0.10UF K	
Q33			2SB1184	TRANSISTOR		C6 ,7			CK73FB1A225K	CHIP C 2.2UF K	
Q34			2SC2412K	TRANSISTOR		C11 -14			CK73GB1H103K	CHIP C 0.010UF K	
Q34			2SD601A	TRANSISTOR							
Q36			UMC2N	TRANSISTOR		304	3C		E29-1885-04	CONDUCTIVE RUBBER	
Q37			2SC2412K	TRANSISTOR		J1			E59-0835-05	RECTANGULAR PLUG	
Q37			2SD601A	TRANSISTOR							
Q38			2SB1443	TRANSISTOR		CP1			R90-1016-05	MULTI-COMP 470 X4	
Q39			DTA123JK	DIGITAL TRANSISTOR		CP2 ,3			R90-0724-05	MULTI-COMP 1K X4	
Q39			KRA105S	DIGITAL TRANSISTOR		R1			RK73GB2A433J	CHIP R 43K J 1/10W	
Q41			DTC114YK	DIGITAL TRANSISTOR		R2 -5			RK73GB2A222J	CHIP R 2.2K J 1/10W	
Q41			KRC107S	DIGITAL TRANSISTOR		R6			RK73GB2A392J	CHIP R 3.9K J 1/10W	
Q42			2SB1443	TRANSISTOR		R7 ,8			RK73GB2A223J	CHIP R 22K J 1/10W	
						R9			RK73GB2A101J	CHIP R 100 J 1/10W	
						R10			RK73GB2A102J	CHIP R 1.0K J 1/10W	
						R11			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	
						R12			RK73GB2A361J	CHIP R 360 J 1/10W	

PARTS LIST

* 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.**SWITCH UNIT (X16-1540-12)**

Ref. No.	A d d	N e w	Parts No.	Description			Dest inati on
R13 ,14			RK73GB2A102J	CHIP R	1.0K	J 1/10W	
R15 ,16			RK73GB2A103J	CHIP R	10K	J 1/10W	
R17 -21			RK73FB2B331J	CHIP R	330	J 1/8W	
R22			RK73FB2B511J	CHIP R	510	J 1/8W	
R23			RK73FB2B271J	CHIP R	270	J 1/8W	
R24			RK73FB2B331J	CHIP R	330	J 1/8W	
R27 ,28			RK73GB2A103J	CHIP R	10K	J 1/10W	
S28			S70-0864-05	TACT SWITCH			
D26			MA3082-M	ZENER DIODE			
IC1			LC75808W	MOS-IC			
IC2			RS-171	ANALOGUE IC			
Q1			DTA114EUA	DIGITAL TRANSISTOR			
Q1			KRA302	DIGITAL TRANSISTOR			
Q3 -5			2SC4081	TRANSISTOR			
Q6			DTA114EUA	DIGITAL TRANSISTOR			
Q6			KRA302	DIGITAL TRANSISTOR			
Q7			DTG143ZK	DIGITAL TRANSISTOR			

DOLBY NOISE REDUCTION UNIT (X87-3022-71)

C1 -4			CC73GCH1H471J	CHIP C	470PF	J	
C5			CE04NW1A330M	ELECTRO	33UF	10WV	
C6			CE04NW1A470M	ELECTRO	47UF	10WV	
C7 ,8			CK73GB1H103K	CHIP C	0.010UF	K	
C11 -14			CK73GB1C104K	CHIP C	0.10UF	K	
C11 -14			CK73GB1H104K	CHIP C	0.10UF	K	
C15 ,16			CE04NW1A330M	ELECTRO	33UF	10WV	
C17			CK73GB1A474K	CHIP C	0.47UF	K	
C20			CK73GB1H472K	CHIP C	4700PF	K	
C23			CK73GB1A474K	CHIP C	0.47UF	K	
C24			CK73GB1E333K	CHIP C	0.033UF	K	
C24			CK73GB1H333K	CHIP C	0.033UF	K	
CN2			E40-9218-05	PIN ASSY			
CN3			E40-9701-05	FLAT CABLE CONNECTOR			
CN4			E41-0083-05	PIN ASSY			
R1 -4			RK73FB2A243J	CHIP R	24K	J 1/10W	
R5 ,6			RK73FB2A181J	CHIP R	180	J 1/10W	
R7			RK73GB1J203J	CHIP R	20K	J 1/16W	
R8			RK73GB1J224J	CHIP R	220K	J 1/16W	
R9			RK73GB1J272J	CHIP R	2.7K	J 1/16W	
R10			RK73GB1J333J	CHIP R	33K	J 1/16W	
R11 ,12			RK73FB2A102J	CHIP R	1.0K	J 1/10W	
R13			RK73EB2B4R7J	CHIP R	4.7	J 1/8W	
R14			RK73GB1J103J	CHIP R	10K	J 1/16W	
VR1 ,2			R12-3100-05	TRIMMING POT.(10K)			
W11 ,12			R92-2052-05	CHIP R	0 OHM	J 1/10W	
W14			R92-2052-05	CHIP R	0 OHM	J 1/10W	
S1			S40-1140-05	PUSH SWITCH			
IC1			CXA2560Q	ANALOGUE IC			
Q1			DTC124EK	DIGITAL TRANSISTOR			
Q1			KRC103S	DIGITAL TRANSISTOR			

CASSETTE MECHANISM ASSY (D40-1146-05)

1	2B	A10-4630-08	CHASSIS ASSY	
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Ref. No.	A d d	N e w	Parts No.	Description			Dest inati on
4	3B		D10-4375-08	SLIDER (MAIN PLATE)			
5	3A		D13-1494-08	GEAR (B)			
6	3A		D13-1495-08	GEAR (C)			
7	3A		D13-1496-08	GEAR (D)			
9	2B		D10-4376-08	ARM (P-G PLATE)			
10	2B		J90-0948-08	GUID			
11	2B		D15-0919-08	PULLEY (MID)			
12	2B		D13-1497-08	GEAR (P)			
15	2B		J21-9458-08	MOUNTING HARDWARE (HEAD P-AS)			
17	2B		G02-1332-08	FLAT SPRING (HEAD SP-P)			
20	2A		D13-1498-08	RACK GEAR (OP PLATE A)			
21	1A		D10-4377-08	LEVER (EJ-LEV-A)			
22	3B		D10-4378-08	LEVER (SB.PL-AS)			
23	2A		D10-4379-08	LEVER (OP-PL-HO)			
24	1A		D10-4380-08	LEVER (EJE-LEV-A)			
25	1A		G01-2960-08	TENSION COIL SPRING (E LEV-SP)			
26	3A		D13-1499-08	GEAR (FR)			
27	3A		D10-4381-08	ARM (FR-PLATE)			
30	2B		D10-4382-08	ARM ASSY (PINCH ROLLER F)			
31	2B		D10-4383-08	ARM ASSY (PINCH ROLLER R)			
33	1B		G01-2961-08	TORSION SPRING (SA)			
34	2B		D10-4384-08	ARM (SW)			
44	1A		E39-0425-08	LEAD WIRE (MOTOR)			
45	2A		J11-0632-08	CLAMPER			
48	3B		D01-0613-08	FLYWHEEL ASSY			
49	3B		D16-0616-08	BELT			
52	1B		D10-4385-08	ARM (CASSETTE LIFTER B)			
53	1B		J19-4953-08	CASSETTE HOLDER			
54	1A		G11-1861-08	CUSHION			
56	1B		D10-4386-08	ARM ASSY			
57	1B		G01-2962-08	TENSION COIL SPRING			
58	1B		D10-4387-08	SLIDER			
65	2A		B09-0522-08	REEL CAP			
66	2A		G01-2963-08	COMPRESSION SPRING			
67	2A		D03-0314-08	REEL GEAR ASSY			
91	3A		J26-4043-08	PRINTED WIRING BOARD ASSY			
92	3A		E39-0424-08	FLAT CABLE (FFC-M9)			
94	3A		T95-0245-08	PHOTO COUPLER			
A	3A		N09-4324-08	SCREW (2X2.5)			
B	2A		N19-2136-08	FLAT WASHER (1.55X35)			
C	2A		N09-4325-08	SCREW (2X13ADS)			
D	2A		N09-4326-08	SCREW (2X3)			
E	2A		N09-4058-08	SEMS (2X3AMS)			
F	2B		N19-2038-08	FLAT WASHER (0.85X2.8)			
G	2B		N19-2136-08	FLAT WASHER (1.55X3)			
H	2B		N19-2137-08	FLAT WASHER (2.1X3.5)			
J	3B		N19-2138-08	FLAT WASHER (2.1X3.5)			
K	3B		N09-4327-08	SCREW			
N	1B		N19-2139-08	FLAT WASHER (2.1X4.0)			
CM1	1A		T42-1002-08	MOTOR ASSY (MAIN)			
CM2	1A		T42-1001-08	MOTOR ASSY (SUB A)			
HD1	2B		T31-0226-08	PLAYBACK HEAD			

△ indicates safety critical components.

PARTS LIST

CAPACITORS

C C	4 5	T H	1 H	2 2 0	J
1	2	3	4	5	6

1 = Type ... ceramic, electrolytic, etc.

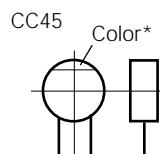
2 = Shape ... round, square, etc.

3 = Temp. coefficient

4 = Voltage rating

5 = Value

6 = Tolerance



• Capacitor value

010 = 1pF
100 = 10pF
101 = 100pF
102 = 1000pF = 0.001μF
103 = 0.01μF

2 2 0 = 22pF
Multiplier
2nd number
1st number

• Temperature coefficient

1st Word	C	L	P	R	S	T	U
Color*	Black	Red	Orange	Yellow	Green	Blue	Violet
ppm/°C	0	-80	-150	-220	-330	-470	-750

2nd Word	G	H	J	K	L
ppm/°C	±30	±60	±120	±250	±500

Example : CC45TH = -470±60ppm/°C

• Tolerance (More than 10pF)

Code	C	D	G	J	K	M	X	Z	P	No code	
(%)	±0.25	±0.5	±2	±5	±10	±20	+40	+80	+100	More than 10μF : -10~+50	Less than 4.7μF : -10~+75

(Less than 10pF)

Code	B	C	D	F	G
(pF)	±0.1	±0.25	±0.5	±1	±2

• Voltage rating

2nd word	A	B	C	D	E	F	G	H	J	K	V
1st word											
0	1.0	1.25	1.6	2.0	2.5	3.15	4.0	5.0	6.3	8.0	—
1	10	12.5	16	20	25	31.5	40	50	63	80	35
2	100	125	160	200	250	315	400	500	630	800	—
3	1000	1250	1600	2000	2500	2150	4000	5000	6300	8000	—

CHIP CAPACITORS

(EX)

C C	7 3	F	S L	1 H	0 0 0	J
1	2	3	4	5	6	7

 Refer to the table above.
(Chip) (CH, RH, UJ, SL)

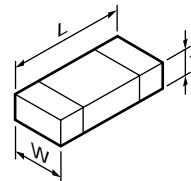
- 1 = Type
- 2 = Shape
- 3 = Dimension
- 4 = Temp. coefficient
- 5 = Voltage rating
- 6 = Value
- 7 = Tolerance

(EX)

C K	7 3	F	F	1 H	0 0 0	Z
1	2	3	4	5	6	7

 (Chip) (B, F)

• Dimension



Chip capacitor

Code	L	W	T
Empty	5.6±0.5	5.0±0.5	Less than 2.0
A	4.5±0.5	3.2±0.4	Less than 2.0
B	4.5±0.5	2.0±0.3	Less than 2.0
C	4.5±0.5	1.25±0.2	Less than 1.25
D	3.2±0.4	2.5±0.3	Less than 1.5
E	3.2±0.2	1.6±0.2	Less than 1.25
F	2.0±0.3	1.25±0.2	Less than 1.25
G	1.6±0.2	0.8±0.2	Less than 1.0
H	1.0±0.05	0.5±0.05	0.5±0.05

RESISTORS

• Chip resistor (Carbon)

(EX)

R D	7 3	E	B	2 B	0 0 0	J
1	2	3	4	5	6	7

 (Chip) (B, F)

• Carbon resistor (Normal type)

(EX)

R D	1 4	B	B	2 C	0 0 0	J
1	2	3	4	5	6	7

 (Chip) (B, F)

1 = Type ... ceramic, electrolytic, etc.

2 = Shape ... round, square, etc.

3 = Dimension

4 = Temp. coefficient

5 = Voltage rating

6 = Value

7 = Tolerance

Chip resistor

Code	L	W	T
E	3.2±0.2	1.6±0.2	1.0
F	2.0±0.3	1.25±0.2	1.0
G	1.6±0.2	0.8±0.2	0.5±0.1
H	1.0±0.05	0.5±0.05	0.35±0.05

• Rating wattage

Code	Wattage	Code	Wattage	Code	Wattage
1J	1/16W	2C	1/6W	3A	1W
2A	1/10W	2E	1/4W	3D	2W
2B	1/8W	2H	1/2W		

KRC-794/Y

SPECIFICATIONS

FM tuner section

Frequency range (50 kHz space)	87.5MHz-108.0MHz
Usable sensitivity (S/N = 26dB)	0.7μV/75Ω
Quieting Sensitivity (S/N = 46dB).....	1.6μV/75Ω
Frequency response (± 3 dB)	30Hz-15kHz
Signal to Noise ratio (MONO)	65dB
Selectivity (DIN) (± 400 kHz)	≥80dB
Stereo separation (1 kHz).....	35dB

MW tuner section

Frequency range (9kHz Space).....	531kHz-1611kHz
Usable sensitivity (S/N = 20dB)	25μV

LW tuner section

Frequency range.....	153kHz-281kHz
Usable sensitivity (S/N = 20dB)	45 μV

Cassette player section

Tape Speed	4.76cm/sec.
Wow & Flutter (WRMS).....	0.08%
Frequency response (± 3 dB) (70 ms)	30Hz-20kHz
Separation (1 kHz)	43dB
Signal to Noise ratio	
Dolby NR OFF	57dB
Dolby B NR ON.....	65dB

Audio section

Maximum Output Power.....	50W x 4
Output Power (DIN 45324, +B= 14.4V).....	30W x 4
Tone action	
Bass.....	100Hz \pm 10dB
Middle	1kHz \pm 10dB
Treble.....	10kHz \pm 10dB
Preout level / Load (during disc play)	1800mV / 10kΩ
Preout impedance	≤600Ω

General

Operating Voltage	14.4V
(11 - 16V allowable)	
Current consumption.....	10A
Installation Size (W)	182mm
(H)	53mm
(D)	15 mm
Weight	1.4kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

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