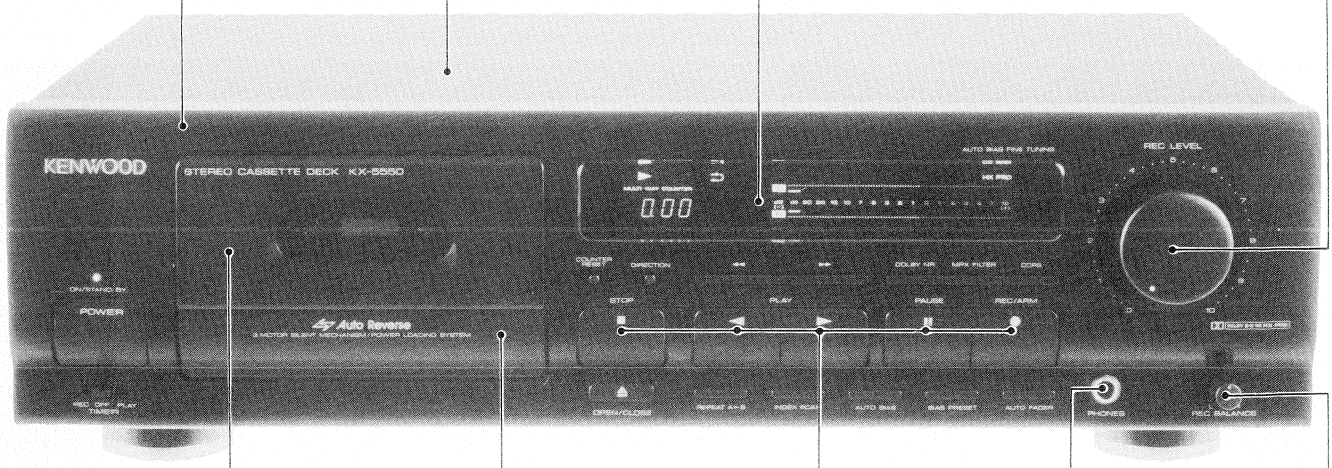
STEREO CASSETTE DECK

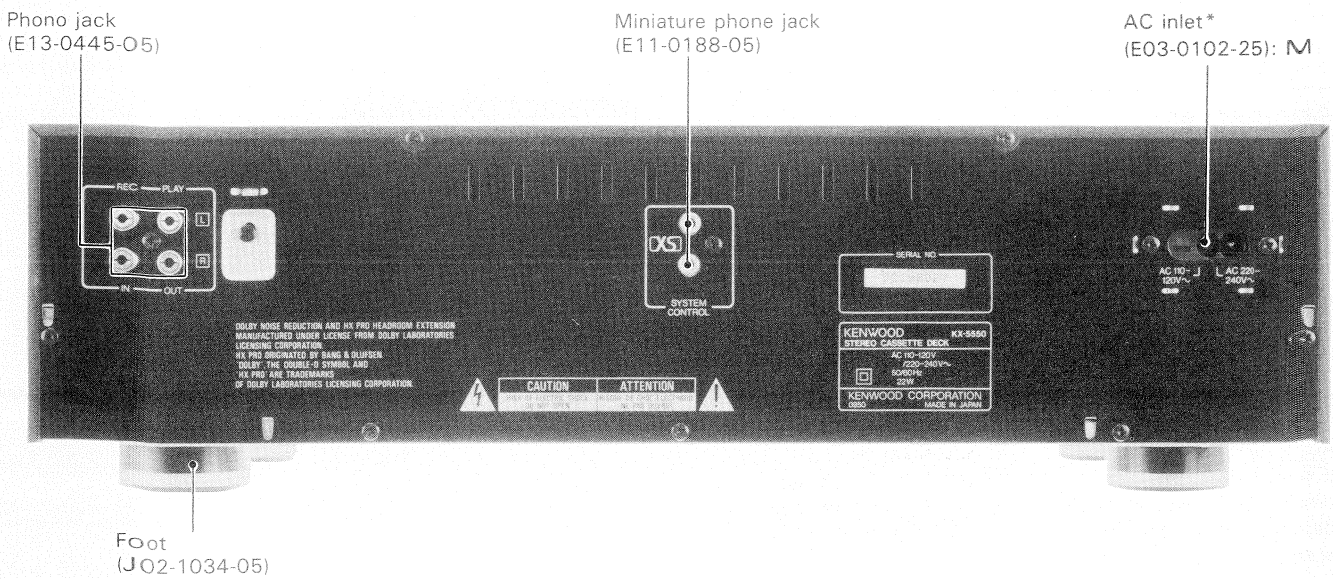
KX-5550

SERVICE MANUAL

KENWOOD

B51-4704-00 (S) 4229





*Refer to parts list on page 35.

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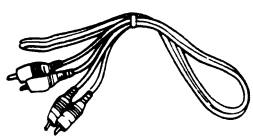
CONTENTS

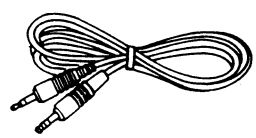
Accessories

Audio cord 2



(E30-0505-05)

System control cord 1

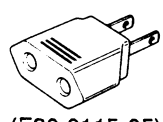


(E30-0977-05)

AC cord 1
(Except for some areas.)
(The shape may vary depending on the destination area.)

(E30-1329-15)

AC plug adaptor 1
(Except for some areas.)
For the unit with a European AC plug in areas other than Europe.

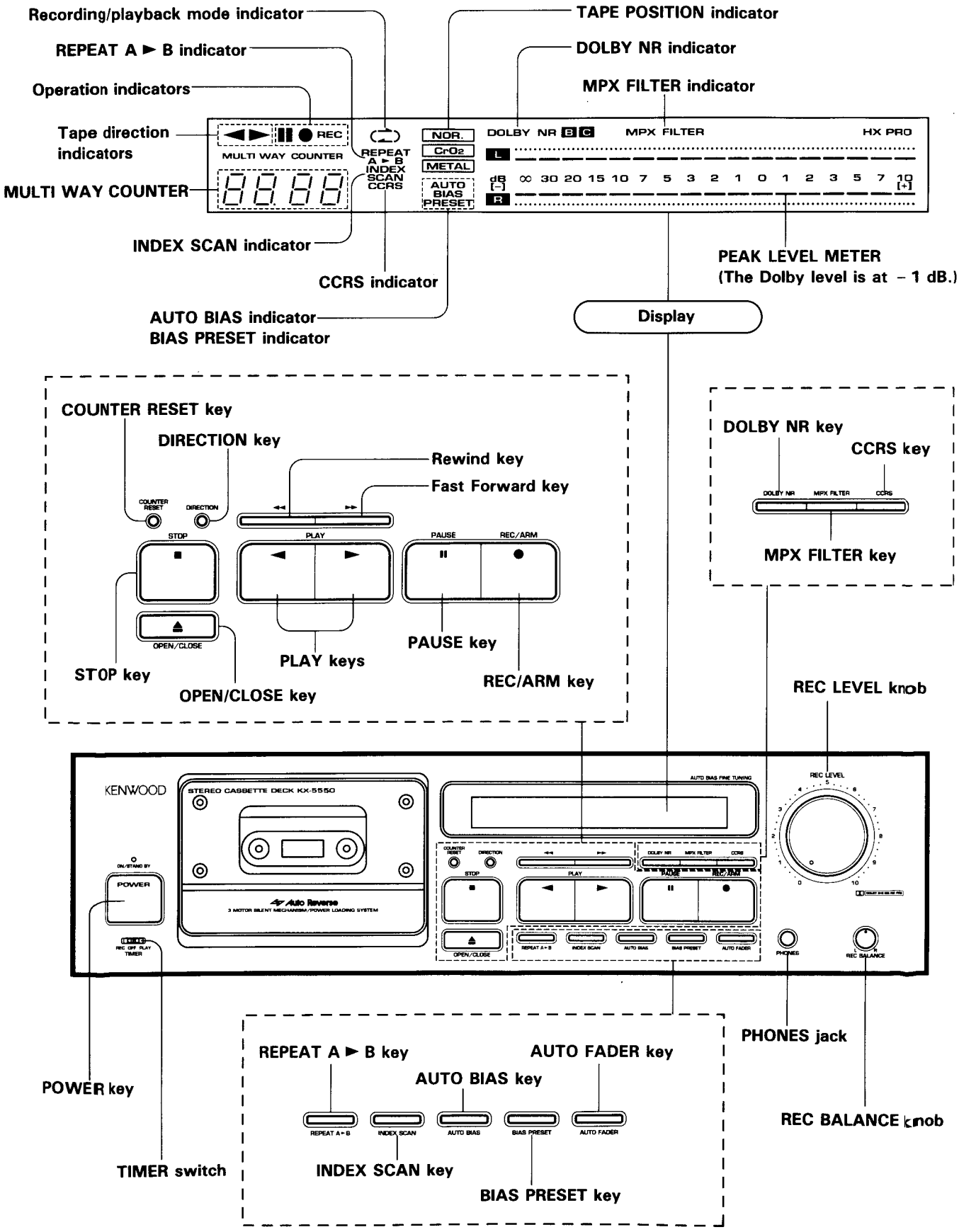


(E30-0115-05)

INSTRUCTION MANUAL

B60-1108-00	(FRENCH)	P,E
B60-1109-00	(SPA,CHI)	M
B60-1110-00	(GRE,DUT)	E
B60-1112-00	(ENGLISH)	

NAME AND OPERATION OF CONTROL



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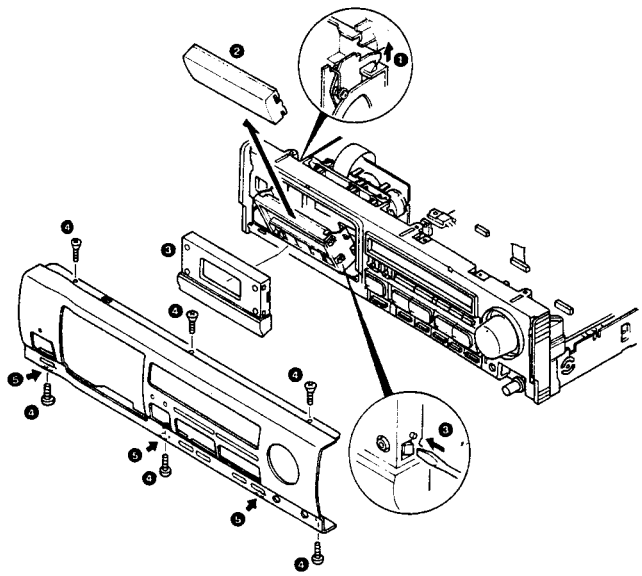
DISASSEMBLY FOR REPAIR

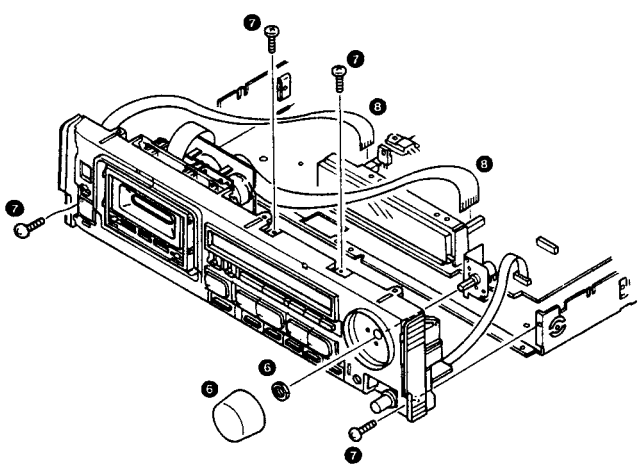
Remove the front panel.

1. The Eject lever moves to the arrow direction ❶.
2. Remove the cassette lid ❷.
3. Remove the two claws ❸, then remove the cassette holder.
4. Remove the six screws ❹ and remove the three claws ❺, then remove the front panel.



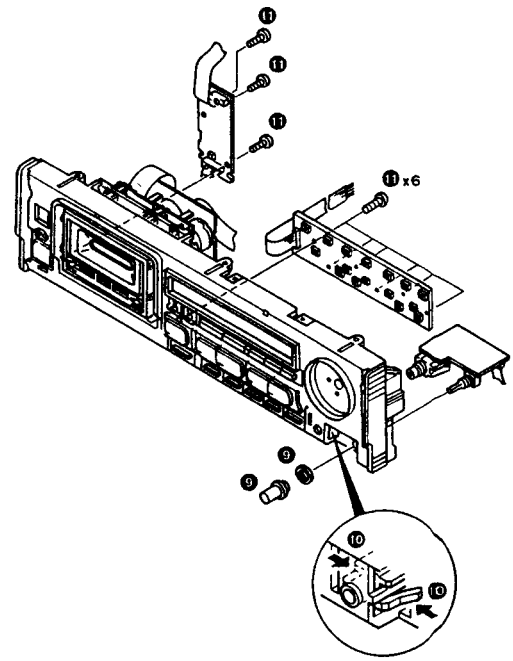
Remove the sub panel.

5. Remove the REC volume knob, and nut ❻.
6. Remove the four screws ❼, then remove the sub panel assy.
7. Remove the two flat cable ❽.



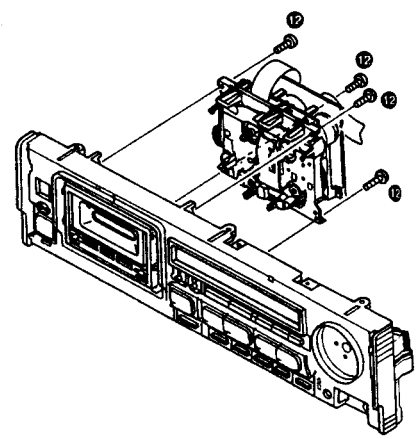
Remove the PC boad.

8. Remove the REC balance knob and nut ❾.
9. Remove the phono jack to arrow direction ❿.
10. Remove the nine screws ⓫, then remove the PC board.

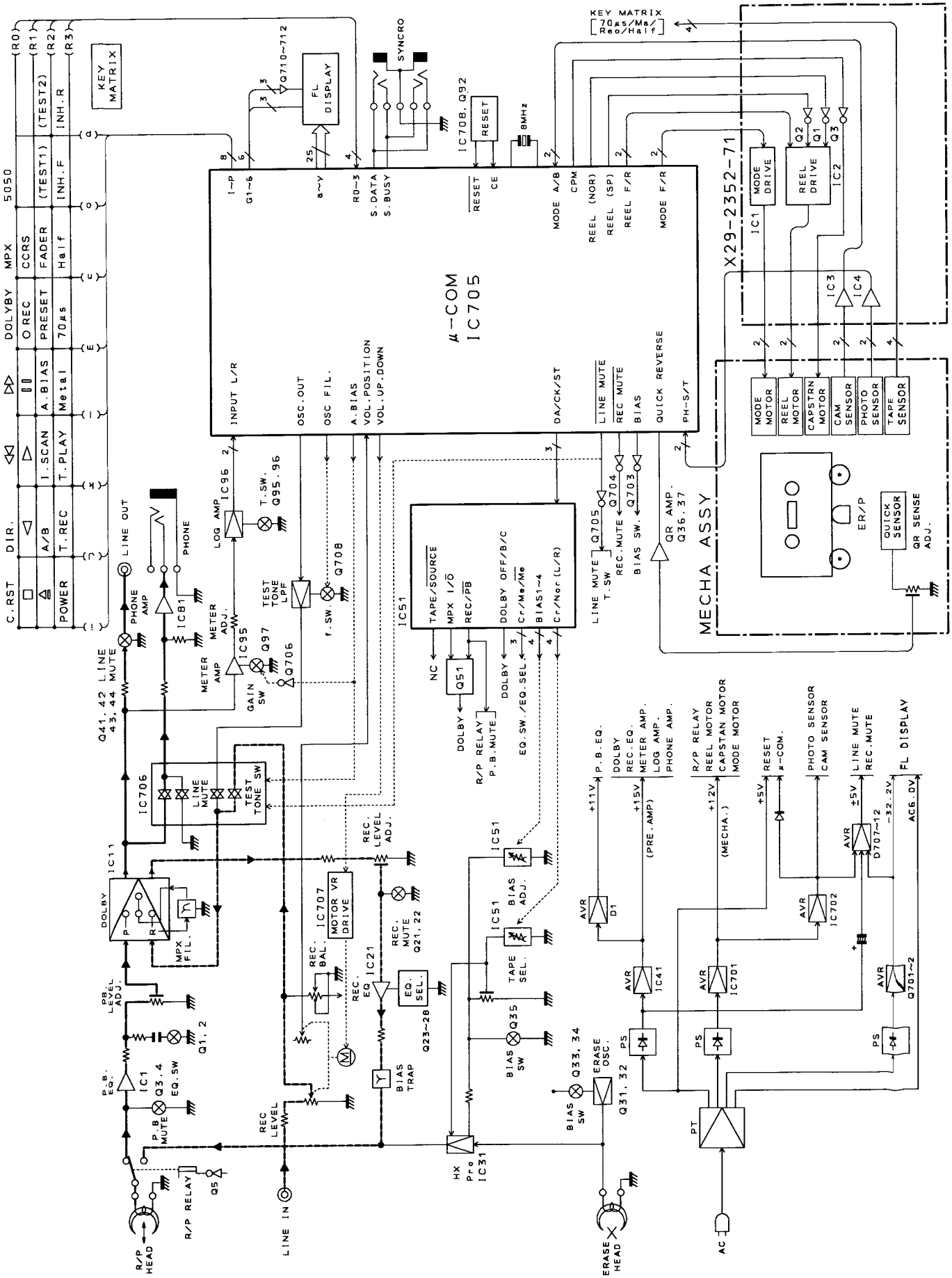


Remove the mechanism

11. Remove the four screws ⓬, then remove the mechanism.

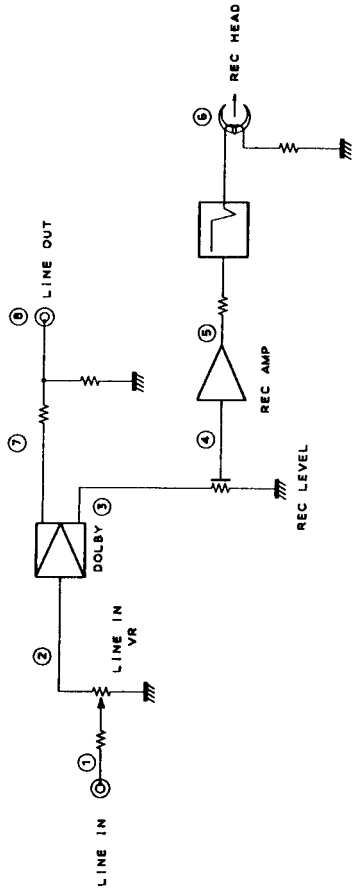


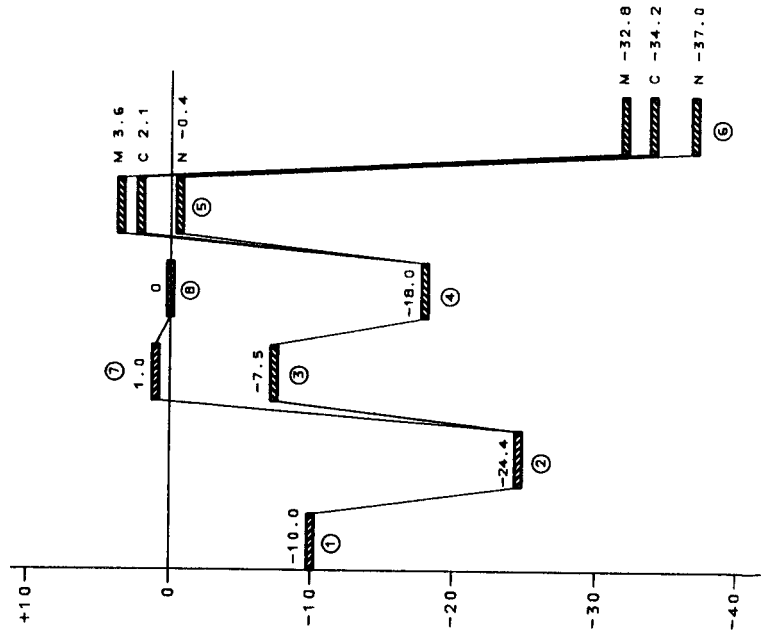
BLOCK DIAGRAM

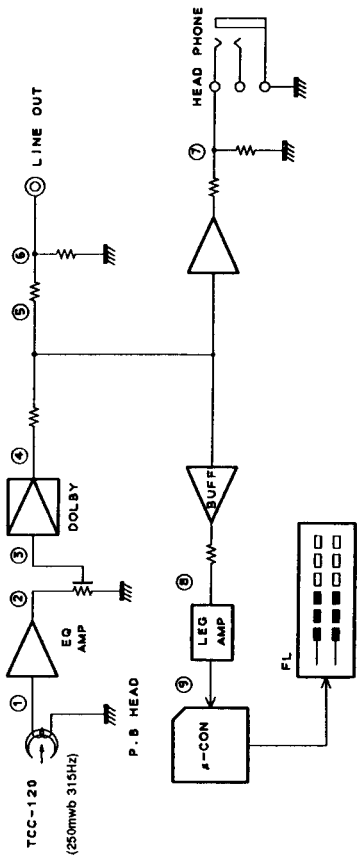


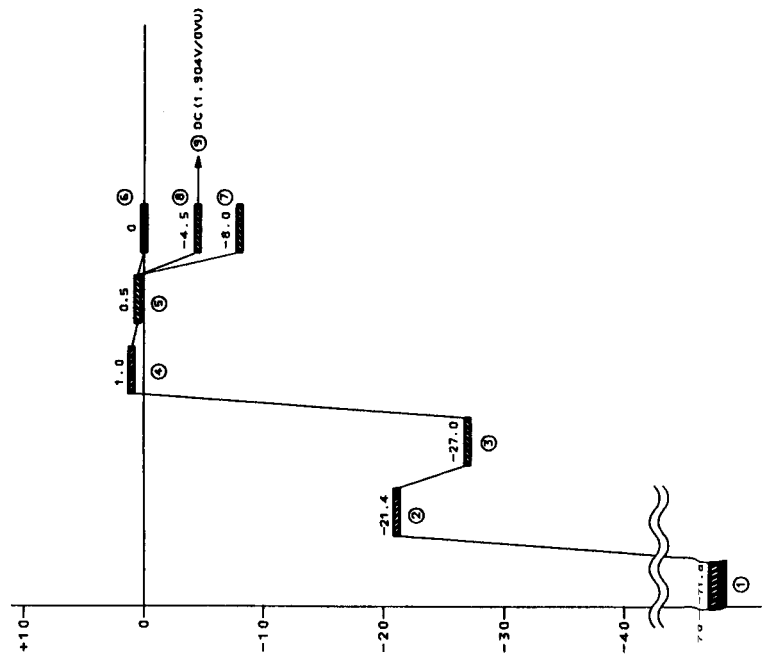
KX-5550

LEVEL DIAGRAM









CIRCUIT DESCRIPTION

Cassette unit (X26-1312-70)

Ref. No.	Ref. Name	Use/Function	Operation/Condition
IC1	TA8125S	Playback equalizer amplifier	
IC11	HA1217NT	Dolby IC	
IC21	RC4565D-D NJN4565D-D	Recording equalizer amplifier	
IC31	μPC1297CA	HX-Pro. IC	
IC41	BA17815T μPC7815AHF	Audio system +15 V power supply	
IC51	NJU7313L TC9164N	Audio system control IC	
IC81	RC4565L NJN4565L	Headphone amplifier	
IC95	RC4565D-D NJN4565D-D	Meter amplifier	
IC96	BA6138	Meter IC	The attack time and the recovery time are determined by the CR constants of pins ③ and ⑦.
IC701	BA17812T μPC7812AHF	Mechanism +12 V power supply	
IC702	BA17805T μPC7805AHF	Microprocessor +5 V power supply	
IC705	CXP82320-129Q	Microprocessor	
IC706	XRU4053B, FC4053BP	Test tone switching/ Headphone mute	Controls pins ⑥, ⑨, ⑪ and ⑫, and changes headphone mute and test tone (only Rch) over.
IC707	TA8409S	REC VR DRIVE	
IC708	PST529D M51951ASL	Reset IC	LOW RESET
Q1, 2	2SC3311A (Q, R) 2SC2458(Y, GR)	70 μ/120 μ switching	ON: 70 μ OFF: 120μ
Q3, 4	2SC3311A (Q, R) 2SC2458 (Y, GR)	Playback mute	ON: REC, REC PAUSE
Q5	2SC3311A (Q, R) 2SC2458 (Y, GR)	Relay drive	ON: REC, REC PAUSE
Q6	UN4116, DTA143TS	For prevention of relay misoperation	
Q21, 22	2SD1302 (S, T) 2SC2878 (B)	Recording mute	OFF: REC
Q23~28	2SC3311A (Q, R) 2SC2458 (Y, GR)	f-characteristic change for recording	㉓ ㉔ ON: Cro_2 ㉕ ㉖ ON: MET ㉗ ㉘ OFF: MET
Q31, 32	2SC3311A (Q, R) 2SC2458 (Y, GR)	Erasing oscillation	
Q33	2SC3940A (R, S)	Erasing circuit, HX-Pro circuit power supply	
Q34, 35	UN4219, DTC113ZS	Bias control	OFF: REC
Q36	2SC3311A (Q, R) 2SC2548 (Y, GR)	Q, RVS	
Q37	2SA1309A (Q, R) 2SB1370	Q, RVS	
Q41~44	2SC3311A (Q, R) 2SC2458 (Y, GR)	LINE MUTE	OFF: PLAY/REC/REC/PAUSE
Q51	UN4212, DTC124ES	MPX change	ON: MPX ON
Q92	2SC3311A (Q, R) 2SC2458 (Y, GR)	Reset	ON: AC plug-in
Q95, 96	2SC3311A (Q, R) 2SC2458 (Y, GR)	Meter IC time constant change	ON: PLAY/REC
Q97	2SC3311A (Q, R) 2SC2458 (Y, GR)	Meter amplifier gain change	ON: AUTO BIAS
Q701	2SA1309A (Q, R) 2SA1048 (Y, GR)	FL-B power supply control	
Q702	2SB1375, 2SB1370	FL-B power supply	
Q703	2SA1309A (Q, R) 2SA1048 (Y, GR)	Bias control	OFF: REC
Q704	2SA1309A (Q, R) 2SA1048 (Y, GR)	REC MUTE drive	OFF: REC
Q705	2SA1309A (Q, R) 2SA1048 (Y, GR)	LINE MUTE drive	OFF: PLAY, REC, REC PAUSE
Q706	2SA1309A (Q, R) 2SA1048 (Y, GR)	Meter amplifier gain change	ON: AUTO BIAS

CIRCUIT DESCRIPTION

Cassette unit (X26-1312-70)

Ref. No.	Ref. Name	Use/Function	Operation/Condition
Q707	UN4216, DTC143TS	Test tone change	ON: 400 OFF: 10 kHz
Q708	UN4116, DTA143TS	Test tone change	ON: 10 k OFF: 400
Q710~712	UN4219, DTC113ZS	FL drive	
Q713	UN4212, DTC124ES	LED drive	ON: POWER ON OFF: STAND BY
D1	ISS133, HSS104	For relay	
D2	RD11ES (B2), HZS11N (B2)	Playback equalizer amplifier power supply	
D3	ISS133, HSS104	Mute	
D15, 16	ISS133, HSS104	SYNCHRO	
D17, 18, 20, 21	ISS133, HSS104	SYNCHRO electrostatic charge countermeasure	
D31	ISS133, HSS104	Bias control	
D40	RD7.5JS(B) HZS7.5S (B)	FL erasing voltage	
D51, 52	ISS133, HSS104	Electrostatic charge countermeasure	
D53, 54	ISS133, HSS104	70 μ/120 μ change	
D55~58	ISS133, HSS104	Electrostatic charge countermeasure	
D91	ISS133, HSS104	AC detection	
D92	ISS133, HSS104	Reset	
D93	ISS133, HSS104	Microprocessor power supply	
D701~704	S5688B, 1SR139-100	Rectifying (Audio system)	
D705	KBP02ML-6127	Rectifying (Mechanism, microprocessor system)	
D706	S5688B, 1SR139-100	Rectifying (FL system)	
D707	RD5.1JS (B), HZS5.1S (B)	Power supply for mute/drive (For −)	
D708	ISS133, HSS104	Power supply for mute/drive (For +)	
D709	RD3.9ES (B), HZ3.9N (B)	Power supply for mute/drive (For +)	
D710	ISS133, HSS104	Microprocessor power supply	
D711, 712	ISS133, HSS104	Mute drive power (+)	
D713	S5688B, 1SR139-100	Reset & microprocessor periphery power	
D714~717	ISS131, HSS104A	Half detection	
D719, 720	ISS131, HSS104A	TIMER SW detection	
D724~735, 737~741	ISS131, HSS104A	KEY matrix	

CIRCUIT DESCRIPTION

Ref. No.	Ref. Name	Use/Function	Operation/Condition
D743, 744	ISS131, HSS104A	AC detection	
D745	ISS133, HSS104	Voltage adjustment	
D746, 747	ISS133, HSS104	Electrostatic charge countermeasure	
D748	B30-1291-05 (LN21CPSLX)	STANDBY LED	
D749	ISS131, HSS104A	POWER KEY	
D751	ISS131, HSS104A	POWER KEY	
D752	RD8.2JS (B2), HZS8.2S (B2)	+8.2 V power supply	
D753	ISS133, HSS104	Voltage adjustment	
D754	ISS131, HSS104A	Microprocessor change	
D755	RD8.2JS (B2), HZS8.2S (B2)	−8.2 V power supply	
D756~759	ISS133, HSS104	Electrostatic charge countermeasure	

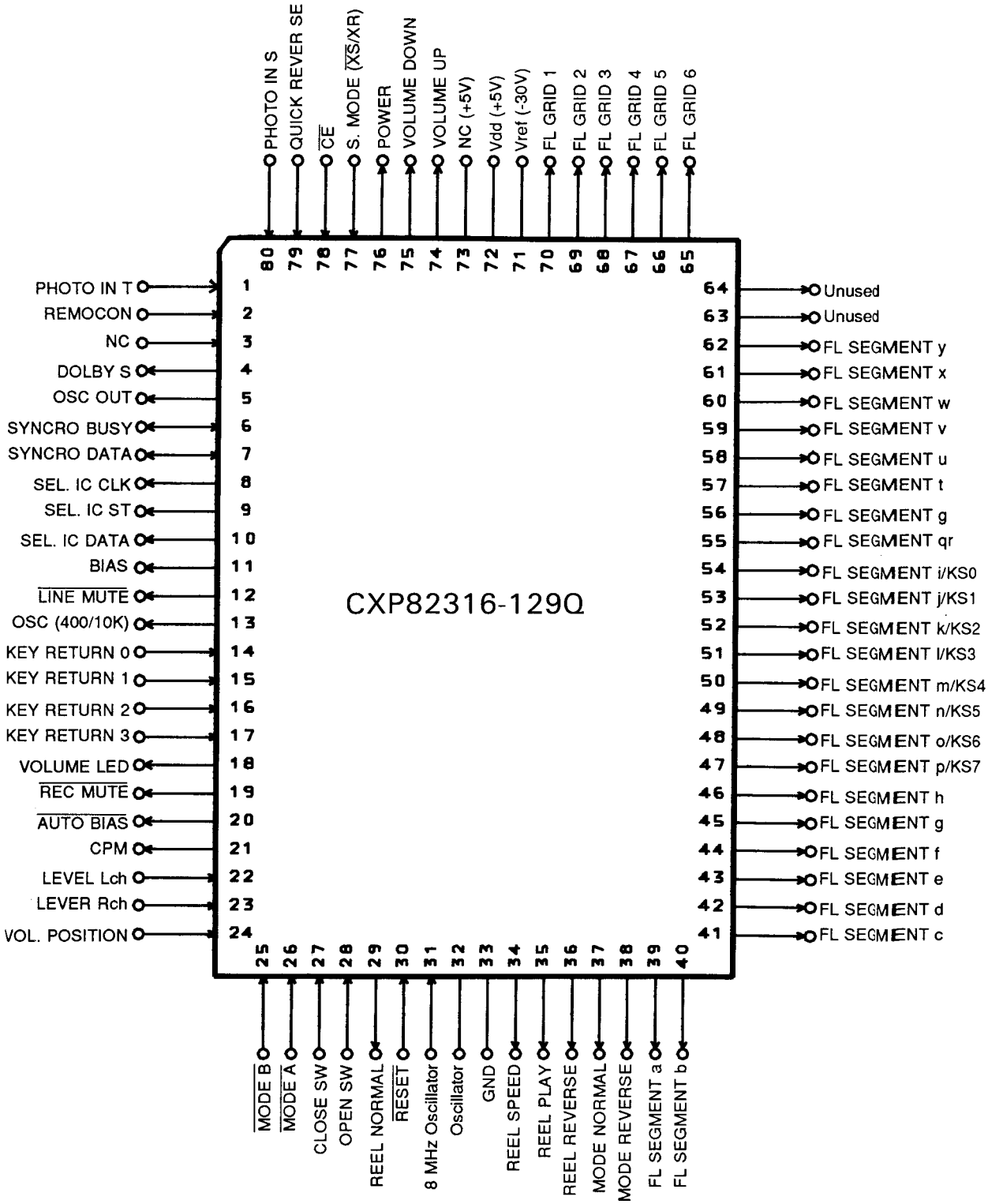
Control unit (X29-2352-70)

Ref. No.	Ref. Name	Use/Function	Operation/Condition
IC1	BA6209	Mode motor drive	⑤ H ⑥ L: NOR ⑤ L ⑥ H: RVS
IC2	BA6229	Reel motor drive	⑤ L ⑥ H: FF/PLAY/REC ⑤ H ⑥ L: RVS
IC3	BA10393N	Mode motor position detection	
IC4	BA10393N	Reel pulse detection	
Q1, 2	UN4219, DTC113ZS	Reel motor speed change	FF/RWD Q1: ONPLAY/REC Q2: ON
Q3	2SC3246	Capstan motor drive	ON: CPM ON

CIRCUIT DESCRIPTION

MICROPROCESSOR CPX82316-129Q (IC705)

Pin connection



*Ports 54 to 47 serve also as KEY SCAN 0 to 7.

CIRCUIT DESCRIPTION

Pin description

(Pull up "H", Pull down "L")

Pin No.	Pin Name	I/O	Name	Description	
1	PE3/INT3	I	PHOTO IN TO	Photosensor input (Take-up side)	
2	PE4/REM	I	REMOCON	Remote control input	
3	PE5			NC	"H"
4	PE6	O	DOLBY S	Dolby S change output	"H"
5	PE7/TO	O	OSC OUT	Square wave output terminal	
6	PB0/CINT	I/O	SBUSY	Serial 'BUSY' input/output	
7	PB1/$\overline{COS}$	I/O	SDATA	Serial 'DATA' input/output	
8	PB2/$\overline{SCKO}$	O	CLK	Selector IC 'CLOCK' output	
9	PB3/SIO	O	ST	Selector IC 'STROBE' output	
10	PB4/SOO	O	DATA	Selector IC 'DATA' output	
11	PB5/$\overline{SCK1}$	O	BIAS	Bias ON/OFF control	H: ON
12	PB6/SI1	O	$\overline{LINE\ MUTE}$	Line mute control	L: ON
13	PB7/SO1	O	OSC FILTER	400/$\overline{10K}$ filter change	
14 ~ 17	KR0 ~ 3	I	KR0 ~ 3	Key return signal input	
18	PC4/KR4	O	VOL. LED	Volume LED drive port	
19	PC5/KR5	O	$\overline{REC\ MUTE}$	REC mute control	L: ON
20	PC6/KR6	O	A. BIAS	A. BIAS NORMAL/$\overline{OSC}$ change	
21	PC7/KR7	O	CPM	Capstan motor ON/OFF control	H: ON
22	PA0/AN0	I	LEVEL Lch	Lch level input	
23	PA1/AN1	I	LEVEL Rch	Rch level input	
24	PA2/AN2	I	V. POSITION	Motor volume position detection	
25	PA3/AN3	I	$\overline{MODE\ B}$	Mechanism position detection SW B	
26	PA4/AN4	I	$\overline{MODE\ A}$	Mechanism position detection SW A	
27	PA5/AN5	I	CLOSE	Loading close detection switch input	
28	PA6/AN6	I	OPEN	Loading open detection switch input	
29	PA7/AN7	O	REEL NOR	Reel motor control (Normal)	
30	RST	I	$\overline{RESET}$	Reset signal input (LOW RESET)	
31	EXTAL	I		Clock oscillator connection terminal	
32	XTAL			Clock oscillator connection terminal	
33	Vss			GND terminal	
34	PD0/S0	O	REEL SP	Reel speed control	H: High speed
35	PD1/S1	O	REEL PLAY	Reel speed control	H: Low speed
36	PD2/S2	O	REEL REV	Reel motor control (Reverse)	
37	PD3/S3	O	MODE NOR	Mode motor control (Normal)	
38	PD4/S4	O	MODE REV	Mode motor control (Reverse)	
39	PD5/S5	O	a	FL segment	
40	PD6/S6	O	b	FL segment	
41	PD7/S7	O	c	FL segment	
42	PF0/S8	O	d	FL segment	
43	PF1/S9	O	e	FL segment	

CIRCUIT DESCRIPTION

Pin No.	Pin Name	I/O	Name	Description
44	PF2/S10	O	f	FL segment
45	PF3/S11	O	g	FL segment
46	PF4/S12	O	h	FL segment
47	PF5/S13	O	p	FL segment and key scan signal output 7
48	PF6/S14	O	o	FL segment and key scan signal output 6
49	PF7/S15	O	n	FL segment and key scan signal output 5
50	S16	O	m	FL segment and key scan signal output 4
51	S17	O	l	FL segment and key scan signal output 3
52	S18	O	k	FL segment and key scan signal output 2
53	S19	O	j	FL segment and key scan signal output 1
54	S20	O	i	FL segment and key scan signal output 0
55	T15/S21	O	q, r	FL segment
56	T14/S22	O	s	FL segment
57	T13/S23	O	t	FL segment
58	T12/S24	O	u	FL segment
59	T11/S25	O	v	FL segment
60	T10/S26	O	w	FL segment
61	T9/S27	O	x	FL segment
62	T8/S28	O	y	FL segment
63	T7	O		Unused
64	T6	O		Unused
65	T5	O	6G	FL grid
66	T4	O	5G	FL grid
67	T3	O	4G	FL grid
68	T2	O	3G	FL grid
69	T1	O	2G	FL grid
70	T0	O	1G	FL grid
71	VFDP			FL voltage supply terminal
72	VDD			Positive voltage supply terminal
73	NC			(Connected with VDD)
74	PG0	O	UP	Motor potentiometer UP control
75	PG1	O	DOWN	Motor potentiometer DOWN control
76	PG2	O	POWER	Power ON/OFF control
77	PG3	I	S. MODE	Synchro mode ($\overline{XS}$/XR) identification "L"
78	PE0/INT0	I	$\overline{CE}$	Back-up detection terminal
79	PE1/INT1	I	QUICK RVS	Quick reverse sensor input
80	PE2/INT2	I	PHOTO IN S	Photosensor input (supply side)

* The reel voltage have the following values

	REELPLY	REELSP	Voltage [V]
PLAY, REC	H	L	2.5
FF, RWD, CUE, REV	L	H	4.6
LOADING	L	L	6.4

CIRCUIT DESCRIPTION

FUNCTION DESCRIPTION

(1) FEATURES

① AUTO REVERCE
② HX-PRO
③ Auto BIAS
④ Power loading
⑤ D.P.S.S
⑥ CCRS
⑦ Dolby B, C
⑧ XS

(2) OBJECTS OF CONTROL

① Cassette mechanism.
② IC TC9164N (NJU7313L)
③ Display CM1167C
④ Recording & playback circuit unit.

(3) OPERATING SPECIFICATIONS

① AUTO BIAS

a: KEY ACCEPTANCE CONDITIONS

Tape ready for recording must be available in the unit at the STOP state.

b: OPERATION

The tape is forwarded during 10 seconds, by taking into consideration the leader tape. Signals of 400 Hz and 10 kHz are recorded alternately, by changing successively the bias value from the deeper bias side. After finishing the recording the tape is wound back to the starting position, and then it is played back. The bias value at which 400 Hz $\leqq$ 10 kHz is regarded as the optimum bias value. If the optimum value does not fall within the 16-step variable range, the bias is set to the initial presetting value (center value), and the indication is lit up. The presetting time is approximately 45 seconds at most.

c: PRESET

The bias value preset in the AUTO BIAS operation can be stored in the memory. When the PRESET key is pressed after the AUTO BIAS presetting, the bias value is stored in the memory. There are 3 types of memory, normal, chrome and metal. The memory is recalled when the PRESET key is pressed while the AUTO BIAS lamp is not lit, and the function is cancelled when it is pressed again.

When the PRESET function is ON, the optimum bias value is always recalled from the preset area according to the type of the tape, and it is always possible to record with optimum bias value also when the tape is changed and during TIMER REC.

d: METHOD TO CANCEL THE PRESETTING

If the AUTO BIAS key is pressed while the AUTO BIAS mode is preset, the bias value becomes invalid, and the initial presetting value (center value) is recalled.

If the BIAS PRESET key is pressed while BIAS PRESET is ON, the initial presetting value is recalled.

② XS

Two-way easy operation becomes available through the combination of amplifiers, receivers, etc., bearing the XS mark. Moreover, CCRS becomes available through the combination with CD bearing the XS mark.

(3) Power loading (OPEN/CLOSE)

In the basic operation mode the reel motor is rotated during a given time (forward rotation) and the door is opened when the OPEN/CLOSE key is pressed. When it is pressed again, the motor is rotated during a given time (backward rotation) and the door is closed. When the door gets fully closed, the switch recognizing the closure (CLOSE SW) is turned ON. There are also the following kinds of special operation modes.

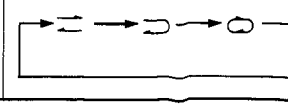
a. If a basic operation key (PLAY, FF, REW, REC, PAUSE, STOP) is pushed when the door is opening, the door is closed, and the operation corresponding to the key is started. (The door is merely closed when there is no cassette in the drive. The door opens again, however, when the REC or REC PAUSE key is pressed). No operation is carried out when multiple keys are pressed at the same time (DPSS).
b. OPEN/CLOSE operation is possible also when the POWER is OFF. (When AC is ON). When POWER is tuned ON or OFF while the door is open, the door is closed.
c. If the OPEN/CLOSE key is pressed with the mechanism in operation, the operation of the mechanism is stopped, and then the door is opened. This operation is invalid, however, during REC.
d. If the door is touched gently with the hand while it is opening, the motor is rotated for a given time when the OPEN recognition switch is turned OFF, and the door is closed. The same operation is carried out also when the door is pushed forth.
e. If the door is held in place with the hand when it is about to be opened, the motor is rotated for a given time, and after that the motor is stopped. The door is opened by inertia when the hand is released.
f. The same operation as e. is carried out when the door is caught by something or stopped by hand while it is

CIRCUIT DESCRIPTION

opening (when both recognition switches are OFF). The door opens when it is caught by something or held by hand while it is closing (when both recognition switches are OFF).

g. When the tape is loaded, it is rewound (about 24ms) to prevent slackness (when starting REC, it is rewound to prevent any unerased part).

KEY DESCRIPTION

Name	Description	Display
FWD PLAY ► / RVS ◄ PLAY	If there is a cassette in the drive, it is played back in the forward or reverse direction. One track is repeated when this key is pressed during FWD/RVS playback.	FL
FF ►►	Tape is wound at high speed onto right-hand reel. Skipped track selection when pushed during playback.	Digital counter
RWD ◄◄	Tape is wound at high speed on the left-hand reel. Skipped track selection when this pushed during playback. REREC STANDBY when pushed during FWD REC.	Digital counter
STOP ■	All operations are stopped.	
REC/ARM ●	Recording starts when pushed during STOP, REC-PAUSE, ARM. If recording is in progress, ARM starts.	FL
PAUSE II	REC PAUSE when pushed during recording. PLAY PAUSE when pushed during playback.	FL
COUNTER RESET	Resets linear counter to 0.00. Maintains 0.00 count when key is held down. Stops when key is pressed during zero stop. Invalid during DPSS track selection.	FL
DOLBY NR	Switches the Dolby noise reduction. OFF→B→C (Cyclic)	
CCRS	Recording is started, interlocked with the CD, when the CCRS key is pushed. The CCRS indication goes out immediately when there is no CD loaded in the equipment. The CCRS indication continues to flicker when the synchro corod is not connected.	FL CCRS
A/B REPEAT	Plays the section A-B of the tape back. (Only during playback). When the key is first pressed, the point A is memorized, and when the key is pressed again, point B is memorized. When REWIND is pressed, playback starts from A, and is repeated 16 times. If any other key is pressed, the A-B repeat function is cancelled. Returns to normal operation after 16 times. At least 10-second spacing required between points A and B.	FL REPEAT A►B
AUTO BIAS	Automatic adjustment of BIAS. Cancell when pressed after presetting.	FL AUTO BIAS
PRESET	AUTO BIAS preset: The current optimum bias value is stored in the memory. AUTO BIAS indication OFF: The memory is recalled. (The standard value 7 is recalled when there is nothing stored in the memory).	FL PRESET
MPX FILTER	Turns the MPX filter ON/OFF.	FL
POWER	Turns the POWER ON when first pressed, and turns it OFF when pressed again. Can not be pressed repeatedly within 1 second.	
OPEN/CLOSE	Opens/closes the door. If pressed when the mechanism is operating, it stops the mechanism, and then opens the door. (Invalid during REC) Opens/closes the door also while stand by.	
Direction	A following operation mode is selected at the time of auto stop detection ⇄ .....One-way operation ⊃ .....Reverse operation ⟲ .....Endless operation	Chnages in cycles 

CIRCUIT DESCRIPTION

MECHANISM SW

Name	Description	Display
Cassette detection SW	Turns ON when there is a cassette loaded in the deck.	
Recording permission SW	Turns ON when the recording permission tab of the cassette is intact. Recording is forbidden when this SW is OFF.	
CrO_2 SW	70 μs detection SW (Metal, chrome: OFF, Normal: ON)	CrO_2
METAL SW	Metal detection SW (Metal: OFF; Chrome, Normal: ON)	METAL
TIMER SW	Presets operating mode when POWER is turned ON. PLAY Plays when there is cassette in the deck. OFF Operation does not start. REC Record when there is cassette in the deck.	

OPERATION DESCRIPTION (DPSS)

Name	Description	Display
INDEX SCAN	Beginning of each track is played back successively for approximately 10 seconds.	INDEX SCAN Flickering . 12 Times played back
Zero stop	Stops the counter at (0000) (■ + ►► or ◄◄)	
FF search	When the FF key pushed during PLAYBACK, skips forth (relative to the playback direction) as many tracks (up to 16) as the number of times the FF key is pressed. If FF is pressed again during FF search, the number of times the key is pressed is added to the number of tracks to be skipped.	6. 3 Number of key entries Number between tracks
RWD search	When the RWD key is pressed during PLAYBACK, Skips back (relative to the playback direction), the number of tracks (up to 16, including the current track) equivalent to the number of times the REW key is pressed. If the RWD key is pressed during RWD search, the number of times the key is pressed is added to the number of tracks to be skipped.	16 10 Number of key entries Number between tracks
One-track repeat	The current track is played back 16 times repeatedly, and then the normal playback is resumed, when the PLAY key is pressed once during playback or twice during any other operation. When the PLAY key is pressed again while a track is being repeated, the track is repeated 16 times from that instant.	. 7 Times played back
Rewind play ◄◄ & ►	When the RWD and PLAY keys are pressed together, the tape is rewound to its end (RWD), and then a FF search is done on the forward side. When the first track is detected, playback starts.	
Dash & Play ◄◄ & ►►	Playback is performed when FF and RWD keys are pressed together. Cues and searches for the next track If a blank section continues for 10 seconds during playback. Playback is resumed when a track is found. This is repeated 16 times (16 side).	. 14 Times played back
Rerec standby	If RWD key is pressed during REC, tape is reviewed (RVW) and played back when end of previous track is found. Playback lasts 2 seconds and then switches to REC PAUSE.	
Auto rec mute	If REC key is pressed again during recording, or REC key is pressed twice during STOP or REC PAUSE, REC MUTE turns ON for 4 seconds, recording is performed, and then REC PAUSE is resumed.	

CIRCUIT DESCRIPTION

Initial state

Item	State
POWER	OFF
DOLBY	OFF
MPX FILTER	OFF

Selector IC data

TC9164N			
Item	State	Item	State
CrO_2 Lch	OFF	BIAS 1	ON
NORMAL Lch	OFF	BIAS 2	ON
CrO_2 Rch	OFF	BIAS 3	ON
NORMAL Rch	OFF	BIAS 4	OFF
TAPE/$\overline{\text{SOURCE}}$	ON	MPX	OFF
CROM	OFF	REC/$\overline{\text{PLAY}}$	PLAY
METAL	ON	ON/$\overline{\text{OFF}}$	OFF
$\overline{\text{METAL}}$	OFF	B/$\overline{\text{C}}$	B

Backup data (When AC OFF)

① POWER
② DOLBY
③ MPX FILTER
④ PRESET
⑤ BIAS data (NORMAL CrO_2, METAL)
⑥ Linear (digital) counter
⑦ DIRECTION

Test mode

1. **Test mode setting**
   Short TP4 to TP3 with a diode, and switch the power on.
2. **Test mode cance**
   The test mode is exited when the PAUSE KEY is pressed.
3. **Test mode**
   (1) **All indicators on:** All indicators light 500 ms after the power is switched on, and stay on for about 1.5 seconds. When all the indicators go off, key inputs are accepted.

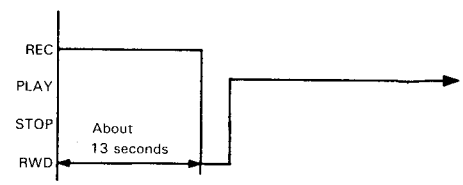
   (2) **Mechanical switch display:** The condition of each mechanical switch is displayed on the level meter section when LINE MUTE is on.

R. INH.	CrO_2	MET	F. INH.
−1 dB	+1 dB	+3 dB	+7 dB

   (3) **Direct change:** Playback is changed directly to recording.

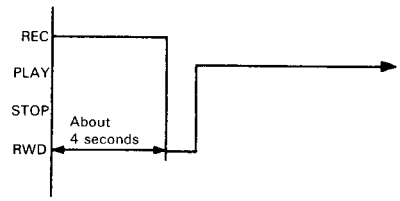
   (4) **Timer play:** When the timer switch is set to PLAY, playback starts in the shortest possible time (about two seconds).

   (5) **Timer recording:** When the timer switch is set to REC, recording and playback take place automatically as shwon in the following timing chart.

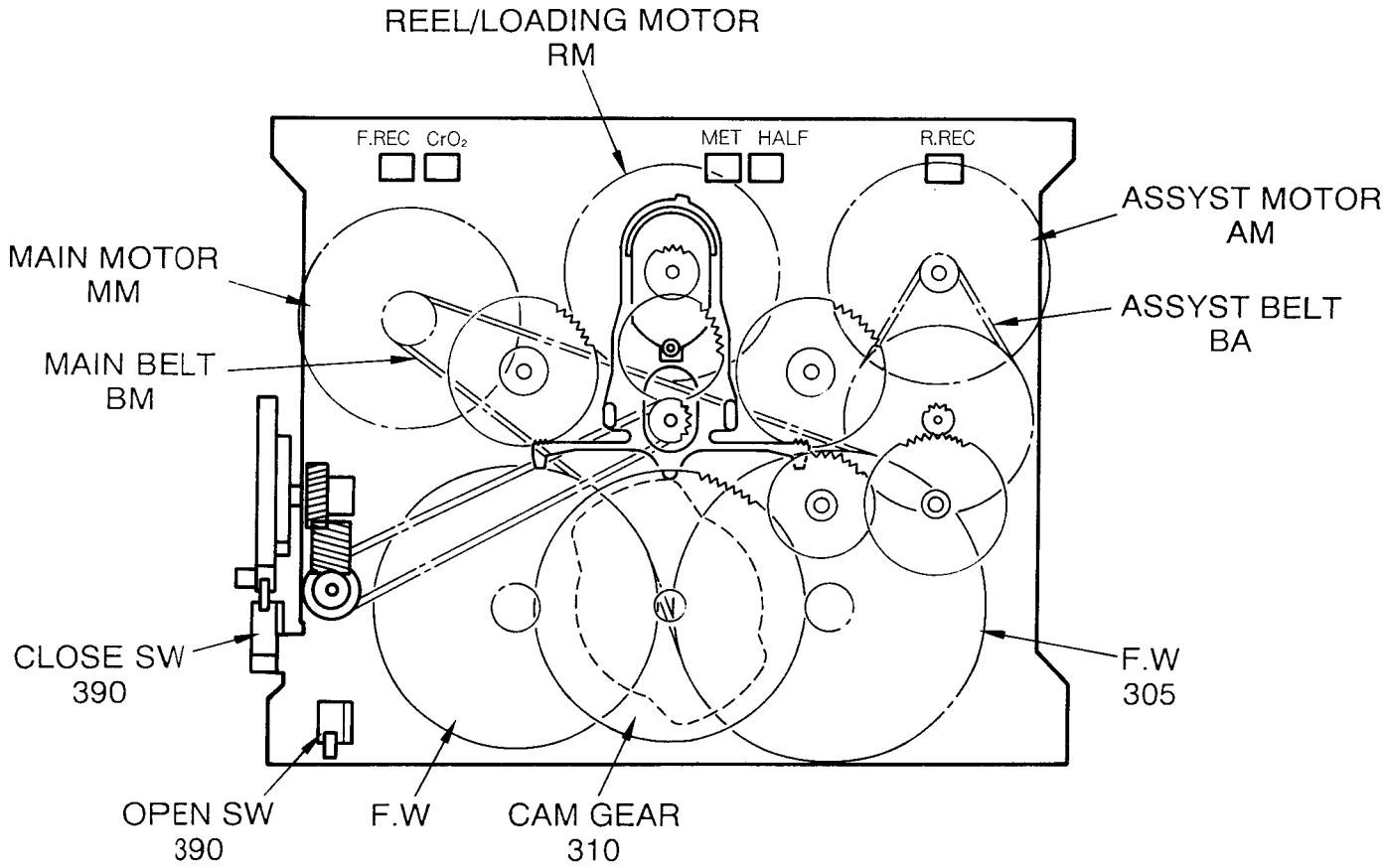


   (6) **CCRS:** When the CCRS key is pressed, serial code "CCRS start" is output, then REC PAUSE is made effective.

   (7) **Four-second recording:** When the REC key is pressed, recording is done for four seconds, then the recorded part is played back from the beginning.



MECHANISM DESCRIPTION

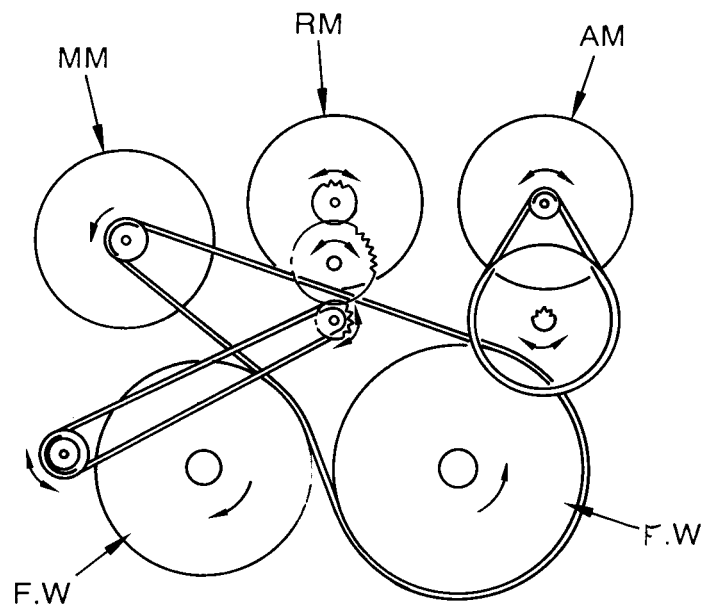


Mechanism specification

Use of parts

MM	T42-0560-08	DC MOTOR ASSY (CAPSTAN)
RM	T42-0592-08	DC MOTOR ASSY
AM	T42-0593-08	DC MOTOR ASSY
BM	D16-0299-08	MAIN BELT
BR	D16-0325-08	BELT

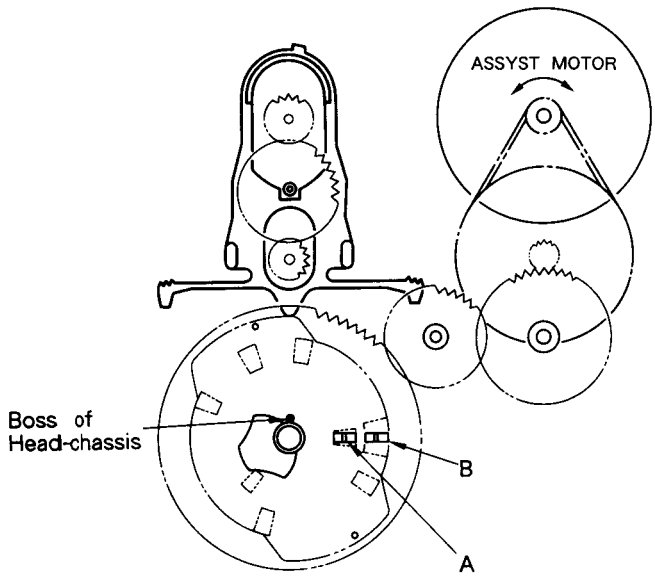
PLAY Torque: 35~55 g·cm
FF/RWD Torque: 70~160 g·cm
Back Tension Torque: 2~5 g·cm



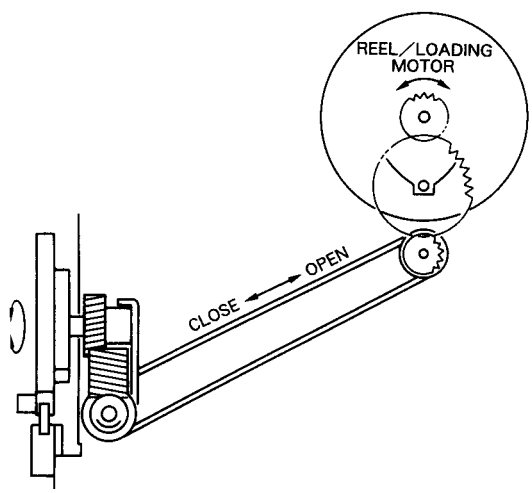
MECHANISM DESCRIPTION

STOP/OPEN/CLS

① The assist motor rotates, and sets the mechanism to the STOP position by watching the state of the mechanism position detection SW.
Both mechanism position detection SW A and B stop at the ON position.
The brake ASSY is pushed up, and the reel idler is fixed.
The head is pushed down, because the cam of the cam gear is at the position shown in the figure.

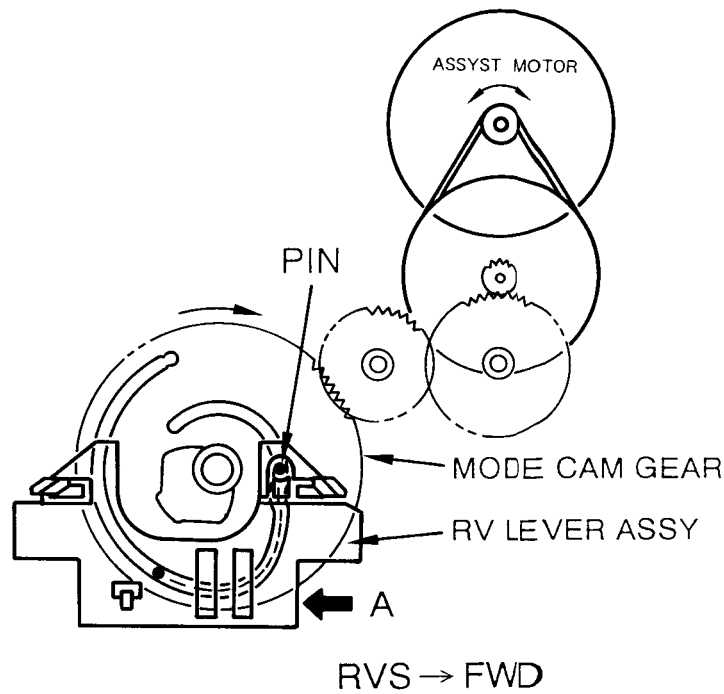


② The rotation of the reel motor rotates the OPEN/CLOSE pulley via reel idler.

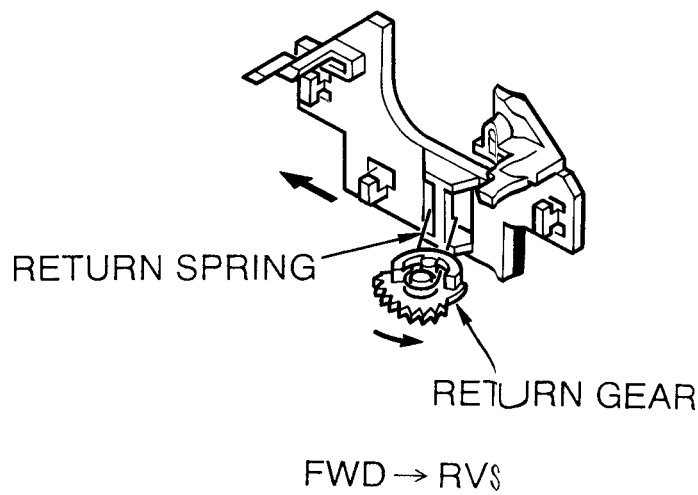


DIRECTIOLN SELECT

① Since the MODE CAM GEAR rotates and the RV LEVER PIN is pushed against the groove of the CAM GEAR as a result of the retation of the ASSIST MOTOR, the RV LEVER ASSY moves in the direction of the arrow A .



② The return spring is pushed, and furthermore the return gear is rotated, due to the movement of the RV LEVER ASSY.
As a result, the HEAD ASSY gets at the FWD position.



③ The FWD → RVS switching operation is the opposite.

MECHANISM DESCRIPTION

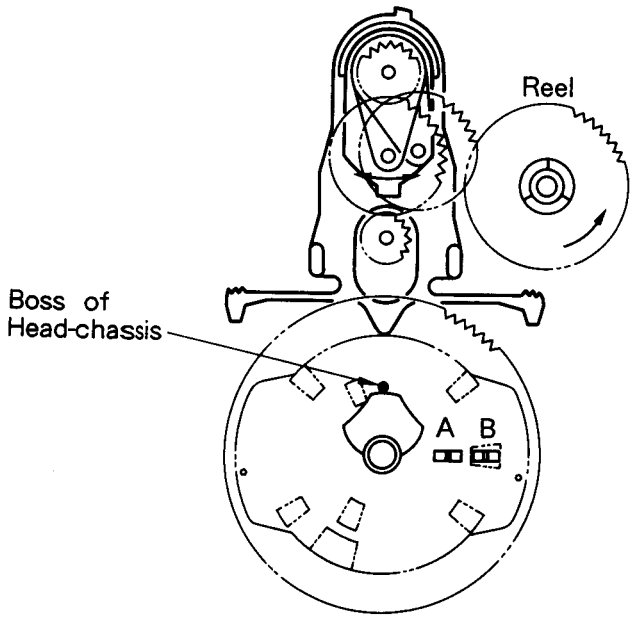
PLAY/REC

① Rotate the assist motor, and adjust the cam gear by watching the state of the mechanism position detection SW.

A OFF H B ON L corresponds to the PLAY/REC position.

At this position the pulley is engaged with the reel, and the tape is wound by the rotation of the reel motor.

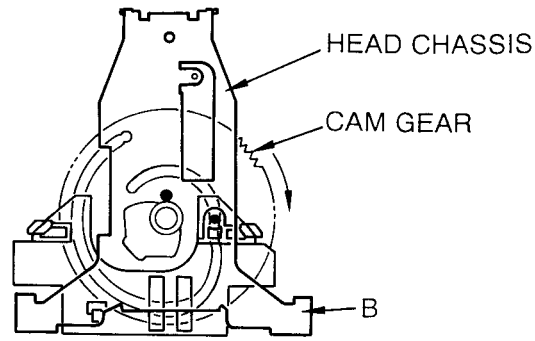
The head is raised by the cam of the cam gear, and the deck is in the PLAY/REC mode.

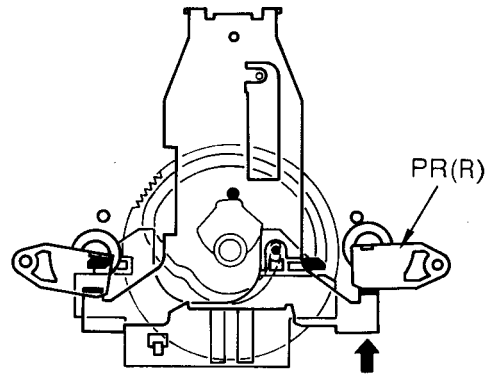


② The head chassis is raised up to the PLAY/REC position due to the rotation of the CAM GEAR, but the bent portion B pushes the spring of the pinch roller ASSY (R) up, and the pinch roller (R) is pushed against the capstan of the FWD side.

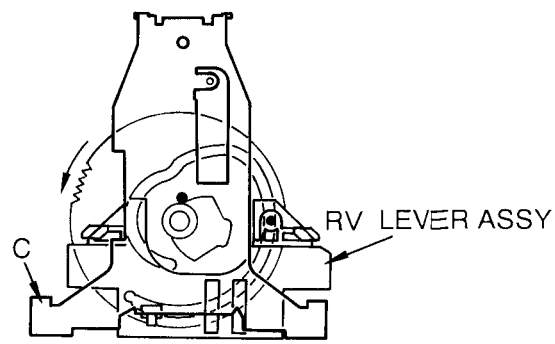
③ The RV LEVER ASSY is moved to the RVS position, and the head chassis is raised up to the PLAY/REC position, due to the rotation of the CAM GEAR.

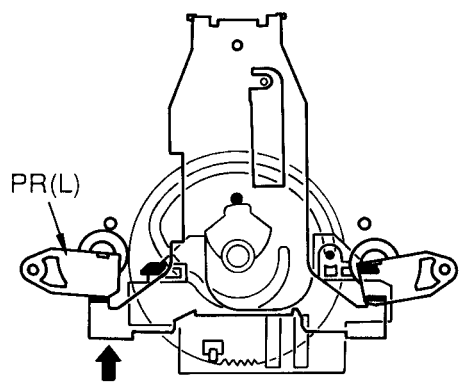
The bent portion C pushes the spring of the pinch roller ASSY (L) UP, the pinch roller is pushed against the capstan, and the mechanism gets in the RVS PLAY/REC operation mode.





(FWD PLAY/REC)





(RVS PLAY/REC)

MECHANISM DESCRIPTION

FF/RWD

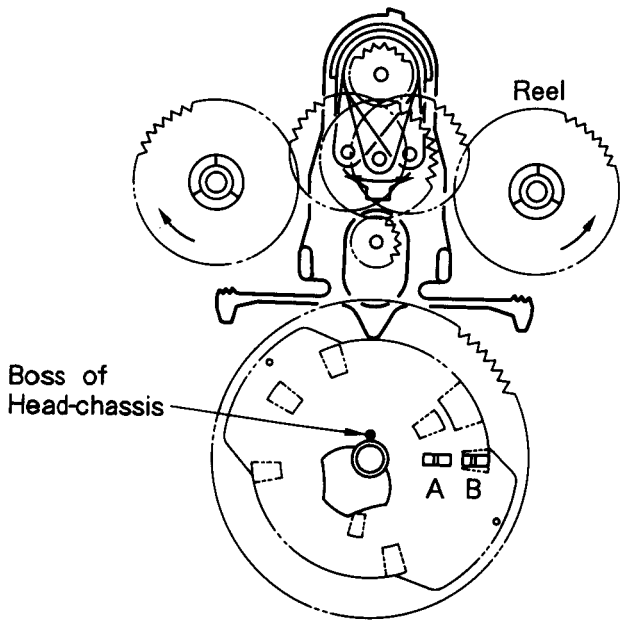
④ The cam gear is adjusted by the rotation of the assist motor.

A OFF B ON

The cam bear is at the position shown in the figure, and the head is lowered.

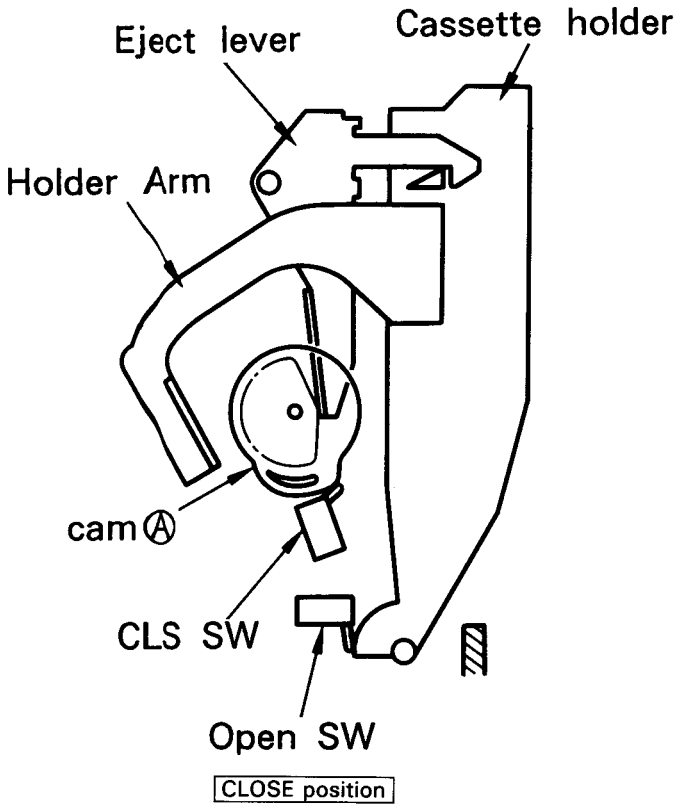
Moreover, the brake is also lowered.

FF/RWD is controlled by the rotation of the reel motor.



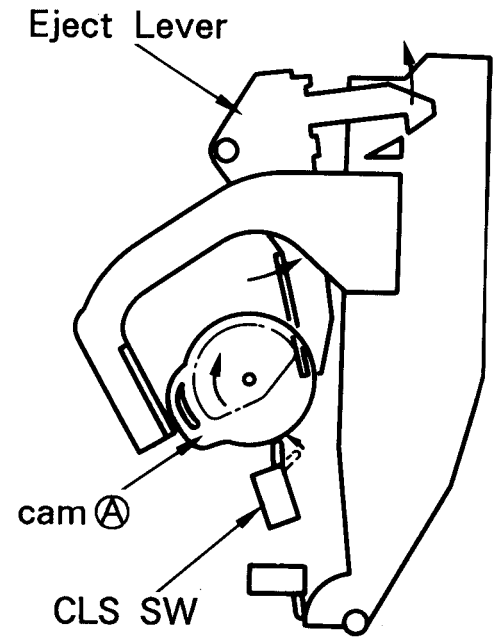
MECHANISM DESCRIPTION

Cassette CLOSE/OPEN

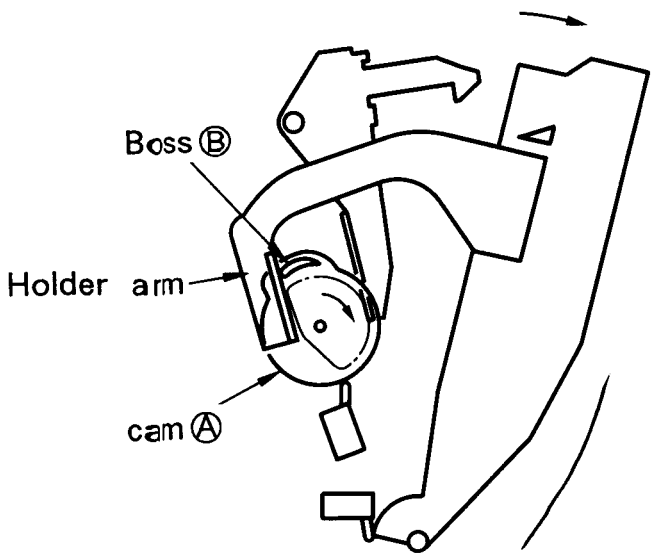


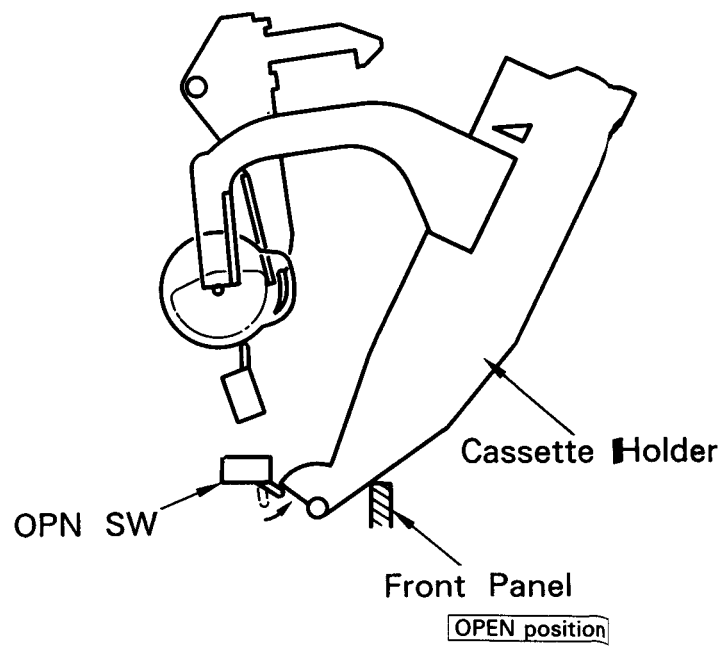
1) The cam A starts rotating
2) CLS SW turns OFF
3) The eject lever moves to the arrow direction, and the holder come off the stopper.

4) When the cam A further rotates, the boss B begins to open while holding the tongue of the holder arm.



5) The cam stops rotating when the cassette holder comes off the OPN SW.
6) The cassette holder touches the front panel, and the holder gets at the open position.





KX-5550

ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	CASSETTE TAPE DECK SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
Unless otherwise specified; each switch sould be set as follows: TAPE: NORMAL, DOLBY,: OFF, INPUT: LINE I. Cassette mechanism section (REC/PB head adjustment)						0 dBs = 0.775 V 0 VU = 250 nwb/m	
[1]	Demagnetization and cleaning	—	—	Power OFF, demagnetization, cleaning play	REC/PB head, erase head, capstan, pinch roller	Demagnetize the REC/PB head by head eraser. Clean the REC/PB head, erase head, capstan and pinch roller with a cotton swab immersed in alcohol	
[2]	REC/PB head azimuth	MTT-114, TCC-153, SCC-1727 10 kHz, −10 dB	(B)	PLAY	Azimuth adjustment screw	In a setting where the output is maximized, adjust the azimuth adjustment screw so that the Lissajous figure appearing on the oscilloscope screen comes near to a line slanted 45°. Note: The head should be installed in such a manner that it approaches the tape face.	(a)
[3]	Tape speed	MTT-111 TCC-100 SCC-1727 3 kHz, −4 dB	(B)	PLAY	Semi-fixed resistor in DC motor assembly	Adjust so that frequency is 3 kHz at the center of the tape.	(b)
II. PC board adjustment							
<1>	Playback level	MTT-150, TCC-130 400 Hz	(B)	PLAY	VR1 (L) VR2 (R) (X26-133)	Adjust so that LINE OUT is −1.2 dBs.	
		SCC-1727 MTT-256 315 Hz				Adjust so that LINE OUT is −4.0 dBs.	
		MTT-256U, TCC-160 315 Hz				Adjust so that LINE OUT is 0 dBs.	
<2>	Bias current	(A) 315 Hz, −30 dBs 10 kHz, −30 dBs	(B)	Adjust the REC VR so that the REC monitor output is −20 dBs at 315 Hz, and record and playback 315 Hz and 10 kHz alternately.	VR31(L) VR32(R) (X26-133)	Record 315 Hz and 10 kHz alternately, and adjust each bias current adjustment VR so that the 10 kHz play back level is −0.5 dBs against 315 Hz.	
<3>	Recording level	(A) 315 Hz, −10 dBs	(B)	Record and play back 315 Hz with the situation of above <2> kept as it is.	VR21 (L), VR22 (R) (X26-133)	Adjust so that playback output is −20 dBs.	
<4>	FL meter 0 dB	(A) 315 Hz −10 dBs	—	Adjust the REC VR so that the REC PAUSE monitor output is − 0 dBs at 315 Hz.	VR95 (R) (X26-433)	Adjust so that "0 dB" lights.	
<5>	Quick Rverse SENSITIVITY	Use the leader section of the test tape	Connect a DC voltmeter to TP1.	PLAY	VR1 (X29:235)	Adjust the semi-fixed resistanceso that 2.5 Vvoltage is obtained.	(b)
Note: On item <1> in "II. PC board adjustment"							
Although 3 kinds of tapes are set forth for the playback level adjustment, the use of one tape suffices for adjustment. Here is meant no necessity for the use of all these 3 kinds of tapes. Other than the abovementioned tapes, when a test tape equal in magnetic flux and frequency is available, the adjustment is feasible with this test tape by making the playback output suited to the specified output level of this tpe in agreement with the adjustment method.							

REGLAGE

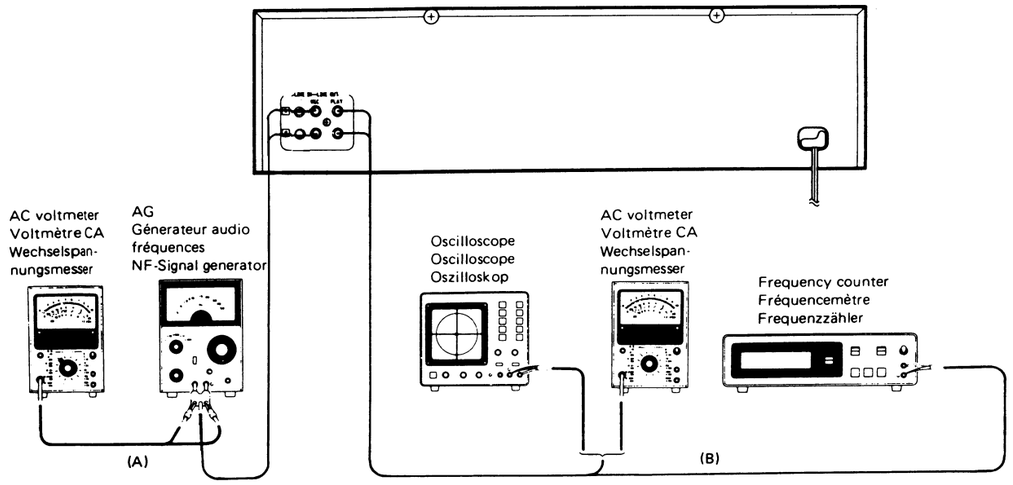
N°	ITEM	REGLAGE DE L'ENTREE	REGLAGE DE LA SORTIE	REGLAGE DU MAGNETOPHONE A CASSETTE	POINTS DE L'ALIGNEMENT	ALIGNER POUR	FIG.
Chaque commutateur doit être réglé comme suit, à moins d'indication contraire. TAPE: NORMAL, DOLBY: OFF, INPUT: LINE						0 dBs = 0,775 V 0 VU = 250 nwb/m	
I. Section de mécanisme de la cassette (ajustement de la tête d'enregistrement/lecture)							
[1]	Démagnétisation et nettoyage	—	—	Alimentation coupée, démagnétisation, nettoyage, lecture	Tête d'enregistrement/lecture, tête d'effacement, cabestan, galet presseur	Démagnétiser la tête d'enregistrement/lecture avec l'effaceur de tête. Nettoyer la tête d'enregistrement/lecture, la tête d'effacement, le cabestan et le galet presseur avec un coton-tige trempé dans de l'alcool.	
[2]	Azimut de la tête d'enregistrement/lecture	SCC-1727 MTT-114, TCC-153 10 kHz, −10 dB	(B)	PLAY	Vis d'ajustement de l'azimut	Au réglage où la sortie est maximisée, ajuster la vis de réglage de l'azimut pour que la figure de Lissajous sur l'écran de l'oscilloscope soit proche d'une ligne inclinée sur 45°. Remarque: La tête doit être installée de manière à ce qu'elle s'approche de la face de la bande.	(a)
[3]	Vitesse de la bande	SCC-1727 MTT-111. TCC-100 3 kHz, −4 dB	(B)	PLAY	Résistance semi-fixe dans l'ensemble du moteur CC.	Ajuster pour que la fréquence soit, 3 kHz au centre de la bande.	(b)
II. Ajustement de la plaquette de circuits imprimés (X26-128)							
<1>	Niveau de lecture	MTT-150, TCC-130 400 Hz	(B)	PLAY	VR1 (L) VR2 (R) (X26-133)	Ajuster pour que LINE OUT soit −1,2 dBs.	
		SCC-1727 MTT-256 315 Hz				Ajuster pour que LINE OUT soit −4,0 dBs.	
		MTT-256U, TCC-160 315 Hz				Ajuster pour que LINE OUT soit 0 dBs.	
<2>	Courant de polarisation	(A) 315 Hz, −30 dBs 10 kHz, −30 dBs	(B)	Ajuster la VR REC pour que la sortie de contrôle REC soit −20 dBs à 315 Hz et l'enregistrement et la lecture 315 Hz et 10 kHz alternativement.	VR31 (L) VR32 (R) (X26-133)	Enregister 315 Hz et 10 kHz alternativement et ajuster chaque VR d'ajustement de courant de polarisation pour que le niveau de lecture 10 kHz soit +0.5 dBs contre 315 Hz	
<3>	Niveau d'enregistrement	(A) 315 Hz, −10 dBs	(B)	Enregistrer et lire 315 Hz avec la situation de <2> ci-dessus gardée telle quelle	VR21 (G), VR22 (D) (X26-133)	Ajuster pour que la sortie de lecteur soit −20 dBs	
<4>	Compteur florescent 0 dB	(A) 315 Hz −10 dBs	—	Ajuster VR REC pour que la sortie de contrôle REC PAUSE soit — 0 dBs à 315 Hz.	VR95 (R) (X26-133)	Ajuster pour que "0 dB" s'allume.	
<5>	SENSIBILITE D'INVERSION RAPIDE	Utiliser la section-guide de la bande test	Reccorder un voltmeter CC à TP1.	PLAY	VR1	Ajuster la résistance semi-fixe pour que la tension 2.5 V soit obtenue	(b)
Remarque: Sur le paragraphe <1> de II. Ajustement de la plaque de circuits imprimés.							
Bien que 3 sortes de bandes soient employées pour l'ajustement du niveau de lecture, l'utilisation d'une bande suffit pour l'ajustement. En plus des bandes citées ci-dessus, quand une bande test de flux magnétique et de fréquence égaux est disponible, l'ajustement est possible en réglant la sortie de lecture sur le niveau de sortie spécifique à cette bande, selon la méthode d'ajustement.							

ABGLEICH

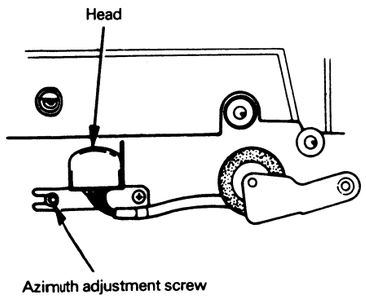
NR	GEGENSTAND	EINGANGS-EINSTELLUNG	AUSGANGS-EINSTELLUNG	KASSETTENGERÄT-EINSTELLUNG	ABGLEICH PUNKTE	ABGLEICHEN FÜR	ABB.
Falls nicht anders angegeben, müssen die einzelnen Schalter wie folgt eingestellt sein: TAPE: NORMAL, DOLBY: OFF, INPUT: LINE						0 dBs = 0,775 V 0 VU = 250 nwb/m	
I. Kassettenmechanismus-Abschnitt (Aufnahme/Wiedergabekopf-Einstellung)							
[1]	Entmagnetisierung und Reinigung	—	—	Spannungsversorgung aus, Entmagnetisierung, Reinigung, Wiedergabe	Aufnahme/ Wiedergabekopf, Löschkopf, Tonwelle, Andruckrolle	Den Aufnahme/Wiedergabekopf mit einem Tonkopf- die Tonwelle und Entmagnetisierer entmagnetisieren. Den Aufnahme/ Wiedergabekopf, den Löschkopf, die Andruckrolle mit einem in Alkohol eingetauchten Wattestäbchen reinigen.	
[2]	Aufnahme/ Wiedergabekopf-Azimut	SCC-1727 MTT-114, TCC-153 10 kHz, −10 dB	(B)	PLAY	Azimut-Einstellschraube	Bei der Einstellung, bei der der Ausgang maximal ist, so einstellen, daß die auf die Azimut-Einstellschraube dem Oszilloskop-Bildschirm erscheinende Lissajousfigur nahe einer um 45° geneigten Linie kommt. Hinweis: Der Tonkopf muß so installiert sein, daß er zum Band weist.	(a)
[3]	Bandgeschwindigkeit	SCC-1727 MTT-111. TCC-100 3 kHz, −4 dB	(B)	PLAY	semi-fester Wiederstand in der Gleichstrommotor-Einheit	So einstellen, daß die Frequenz in der Mitte des Bandes 3 kHz beträgt.	(b)
II. Platinen-Einstellung (X26-1230-10)							
<1>	Wiedergabepegel	MTT-150, TCC-130 400 Hz	(B)	PLAY	VR1 (L) VR2 (R) (X26-133)	So einstellen, daß LINE OUT −1,2 dBs beträgt.	
		SCC-1727 MTT-256315 Hz				So einstellen, daß LINE OUT −4,0 dBs beträgt.	
		MTT-256U TCC-160 315 Hz				So einstellen, daß LINE OUT 0 dBs beträgt.	
<2>	Vormagnetisierungsstrom	(A) 315 Hz, −30 dBs 10 kHz, −30 dBs	(B)	Den REC-Regelwiderstand so einstellen, daß der REC-Überwachungsausgang −20 dBs bei 315 Hz beträgt, und 315 Hz und 10 kHz abwechselnd aufnehmen und wiedergeben.	VR31 (L) VR32 (R) (X26-133)	315 Hz und 10 kHz abwechselnd aufnehmen und jeden Vormagnetisierungsstrom-Einstellungs-Regelwiderstand so einstellen, daß der 10 kHz-Wiedergabepegel +0,5 dB gegen 315 Hz beträgt.	
<3>	Aufnahmepegel	(A) 315 Hz, −10 dBs	(B)	Unter Beibehaltung der obigen Situation <2> 315 Hz aufnehmen und wiedergeben.	VR21 (L), VR22 (R) (X26-133)	So einstellen, daß der Wiedergabe-Ausgang −20 dBs beträgt.	
<4>	FL-Meter 0 dB	(A) 315 Hz −10 dBs	—	Den REC-Regelwiderstand so einstellen daß der REC PAUSE-Überwachungs-Ausgang −0 dBs bei 315 Hz beträgt.	VR95 (R) (X26-133)	So einstellen, daß "0 dB" leuchtet.	
< 5 >	SCHNELLRUCKL-AUFEMPFINDLICHKEIT	Den Vorspann des Testbandes versenden.	Eine Gleichspannungsmesser an TP1 anschließen	PLAY	VR1 (X29-235)	Den halbfesten Wiederstand so einstellen. daß. die Spannung 2,5 beträgt.	(b)
Hinweis: Zu Punkt <1> in "II. Platinen-Einstellung"							
Obwohl 3 Arten von Bändern für die Wiedergabepegel-Einstellung vorgegeben sind, reicht die Verwendung eines Bandes für die Einstellung aus. Das bedeutet, daß nicht alle 3 Arten Bänder verwendet werden brauchen. Wenn ein anderes Testband als die oben angeführten Bänder mit gleichen magnetischen Fluß und gleicher Frequenz verfügbar ist, kann die Einstellung mit diesem Testband durchgeführt werden, indem der Wiedergabe-Ausgang für den spezifizierten Ausgangspegel dieses Bandes in Übereinstimmung mit der Einstellmethode passend gemacht wird.							

ADJUSTMENT/REGLAGE/ABGLEICH

Measurement Equipment Connections:

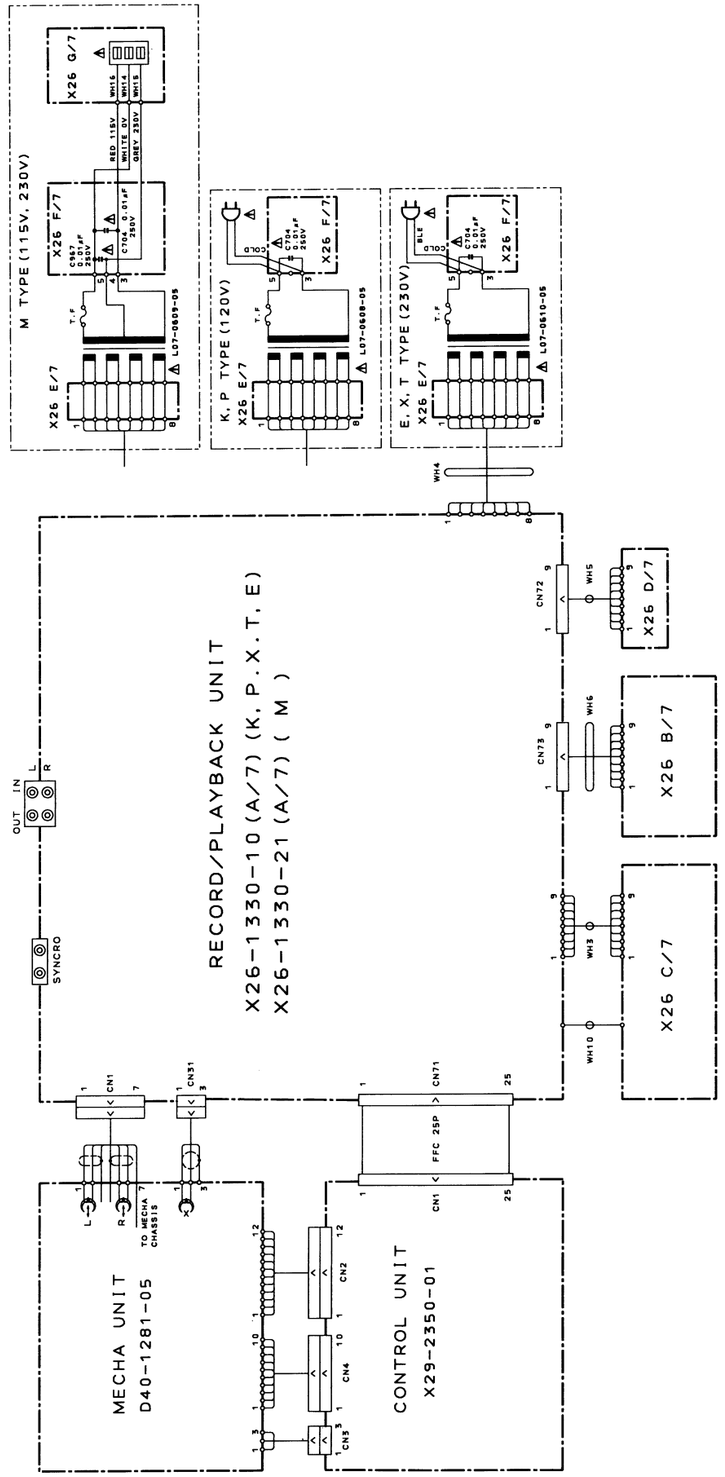


(a) Azimuth adjustment

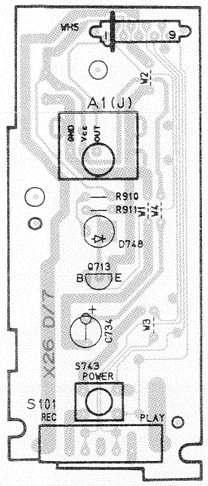


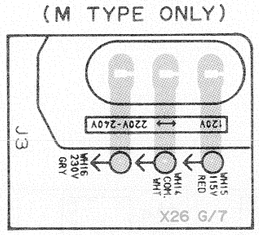
KX-5550

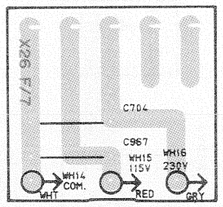
WIRING DIAGRAM

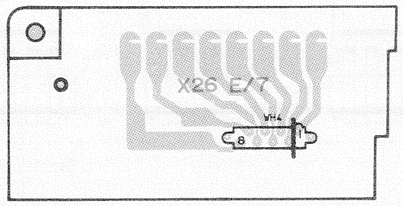


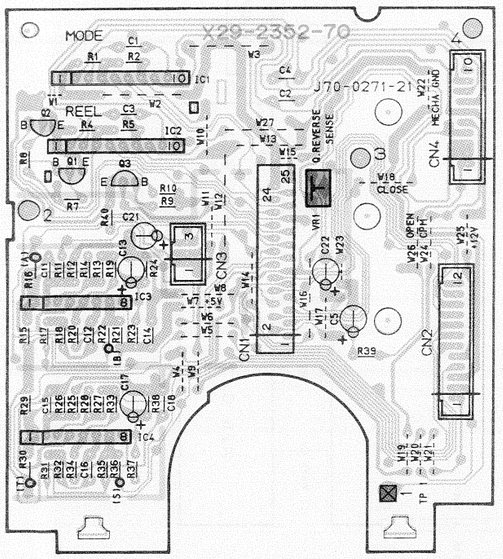
PC BOARD (Component side view) CASSETTE UNIT (X26-1330-10 : K, P, X, T, E 0-21 : M)

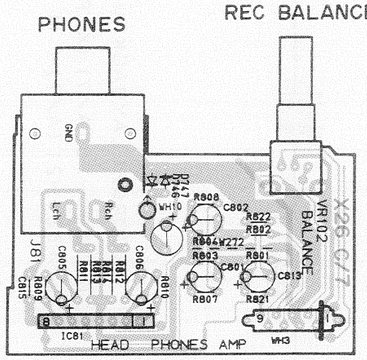


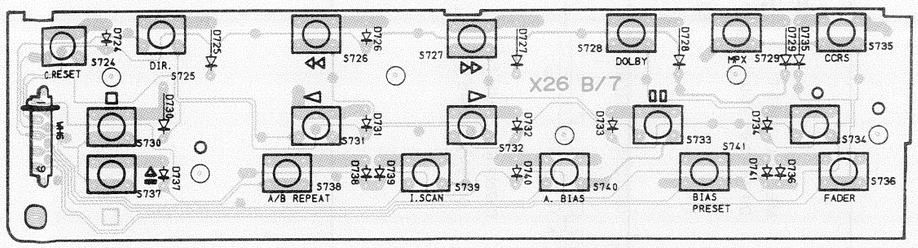




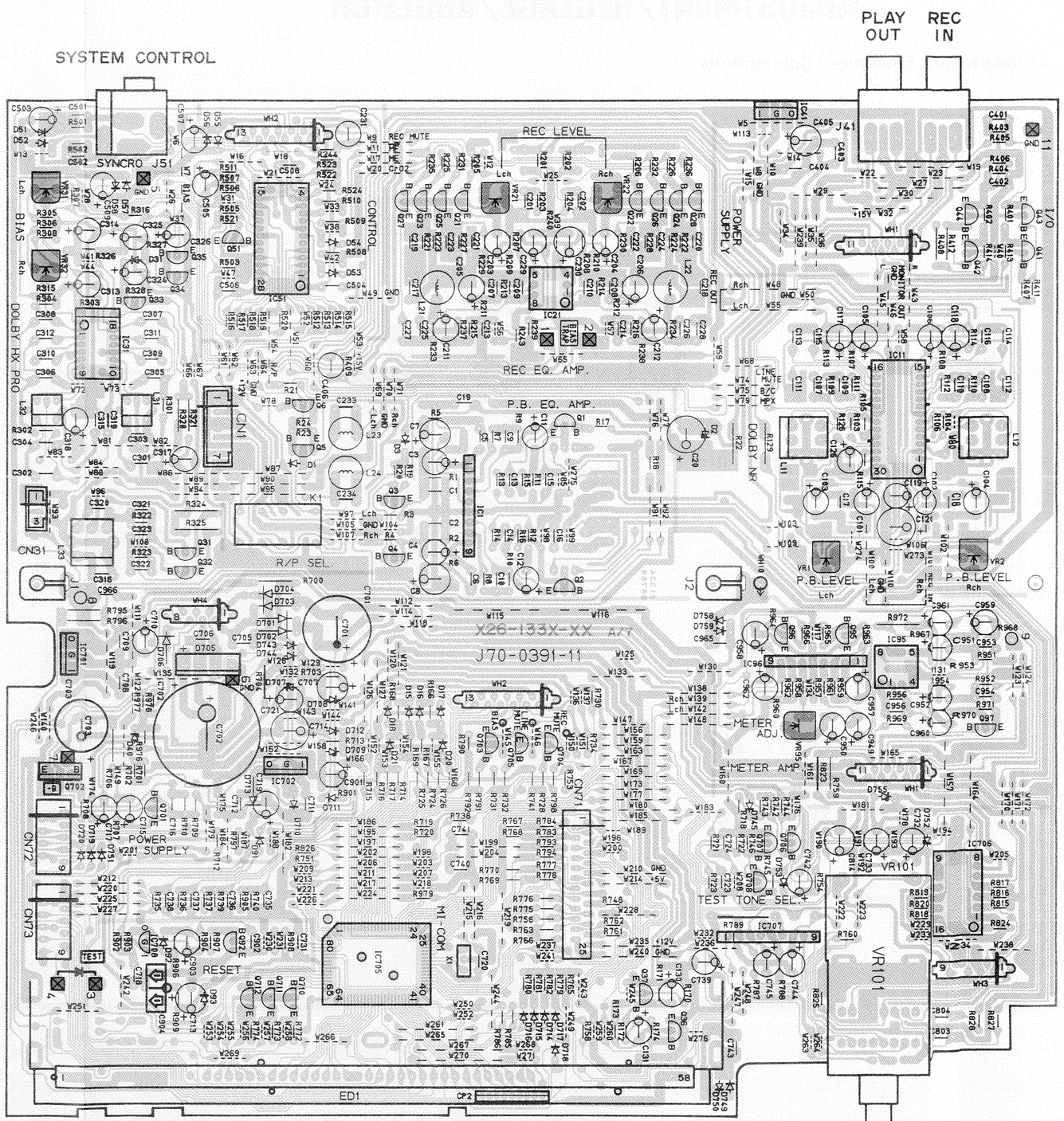








Refer to the schematic diagram for the values of resistors and capacitors.



FRONT

D40-1281-05

(X26-133X-XX) (A/7)

(X29-2350-01)

IC1 : BA6209
IC2 : BA6229
IC3, 4 : BA10393N
Q1, 2 : UN4219 or DTC113ZS
Q3 : 2SC3246

2SC2878
2SC3246
2SC3940A
2SD1302

DTA143TS
DTC124ES
DTC143TS
UN4116
2SA1048
2SC2458

2SB1370

UN4212
UN4216
UN4219
2SA1309A
2SC3311A

2SB1375

NJM4565D-D

XRU4053B

TC4053BP

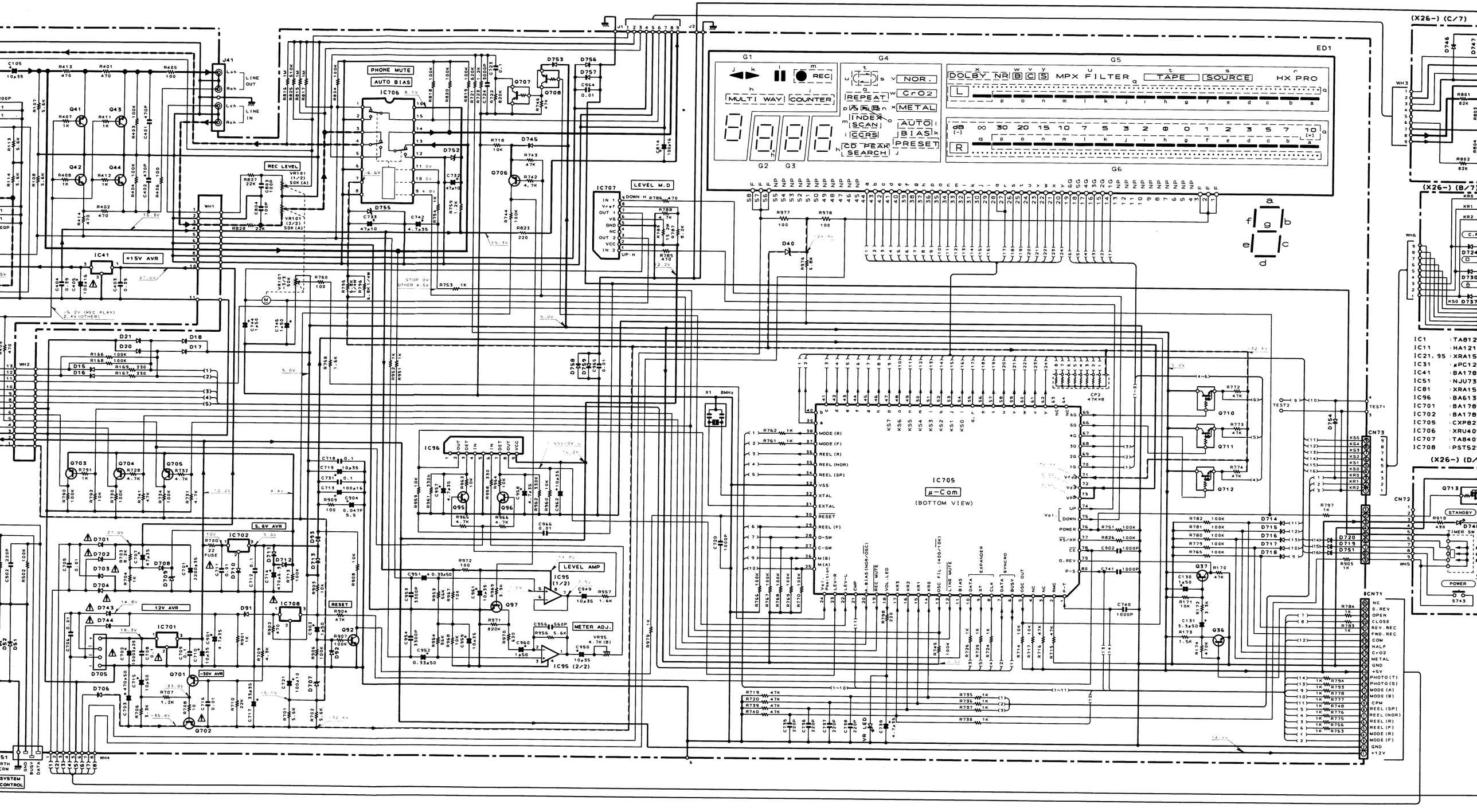
TA8125S
TA8409S

BA6138

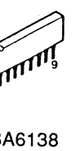
NJU7313L

M51951ASL
PST529D

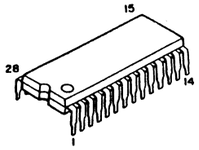
BA17805T
BA17812T
BA17815T
UPC7805AHF
UPC7812AHF
UPC7815AHF



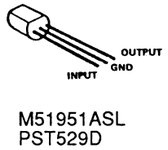
IC1 : TA8122
IC11 : HA1211
IC21, 95 : XRA15
IC31 : μPC12
IC41 : BA178
IC51 : NJU73
IC81 : XRA15
IC96 : BA613
IC701 : BA178
IC702 : BA178
IC705 : CXP82
IC706 : XRU40
IC707 : TA840
IC708 : PST52



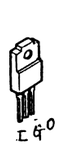
BA6138



NJU7313L

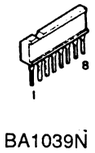


M51951ASL
PST529D

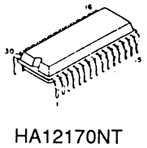


BA17805T
BA17812T
BA17815T
UPC7805AHF
UPC7812AHF
UPC7815AHF

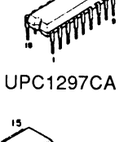
BA6209
BA6229



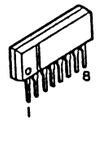
BA1039N



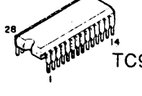
HA12170NT



UPC1297CA



NJM4565L



TC9164N

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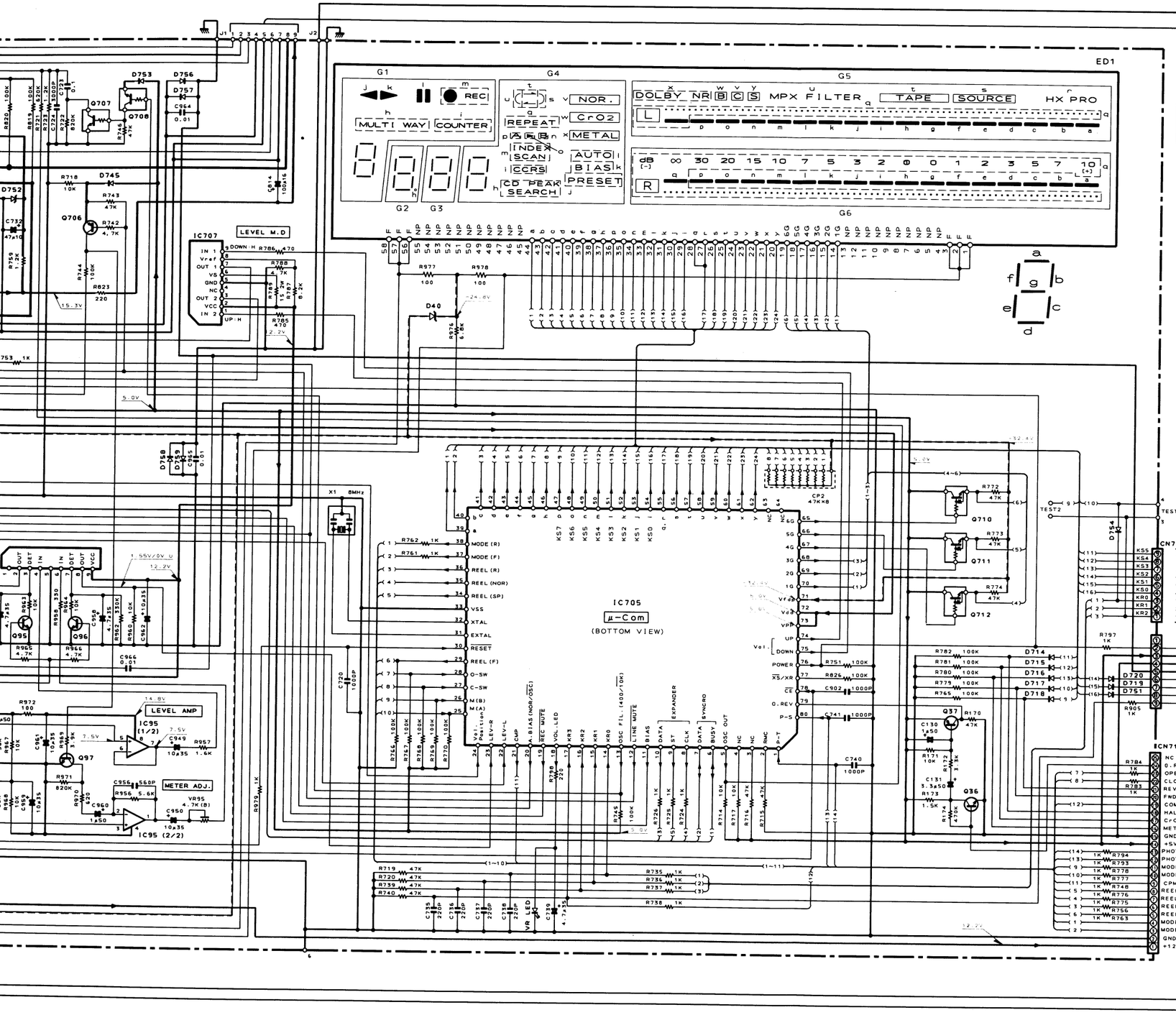
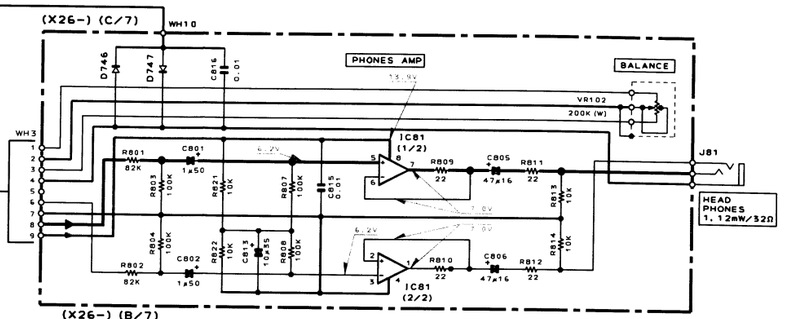
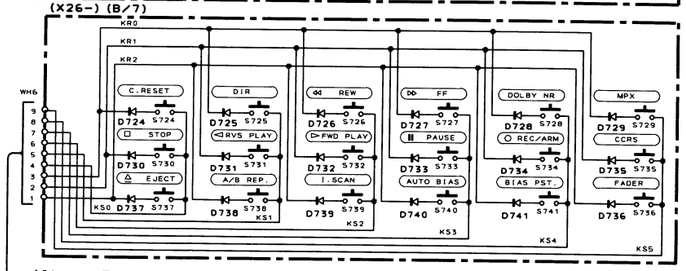
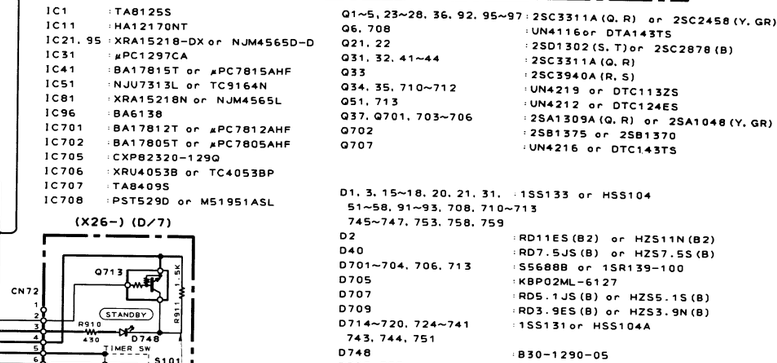
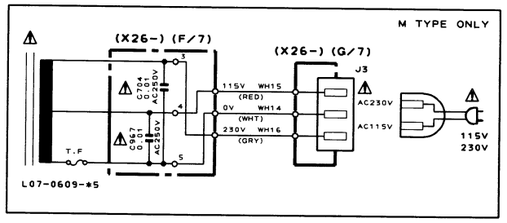
Les tensions c.c. doivent être mesurées avec un voltmètre à haute impedance, une cassette étant insérée en mode du lecture. Les valeurs peuvent différer legèrement du fait des variations inherentes aux appareils et aux instruments de mesure individuels.
Les tensions c.c. du circuit de polarité doivent être mesurées, l'appareil étant en mode d'enregistrement.

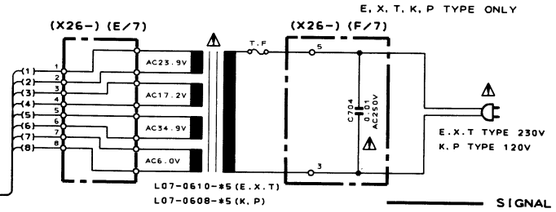










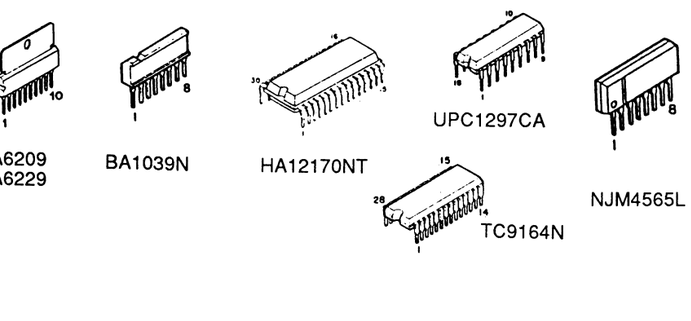


IC1 : TA8125S
IC11 : HA12170NT
IC21, 95 : XRA15218-DX or NJM4565D-D
IC31 : μPC1297CA
IC41 : BA17815T or μPC7815AHF
IC51 : NJU7313L or TC9164N
IC81 : XRA15218N or NJM4565L
IC96 : BA6138
IC701 : BA17812T or μPC7812AHF
IC702 : BA17805T or μPC7805AHF
IC705 : CXP82320-129Q
IC706 : XRU4053B or TC4053BP
IC707 : TA8409S
IC708 : PST529D or M51951ASL

Q1~5, 23~28, 36, 92, 95~97 : 2SC3311A (Q, R) or 2SC2458 (Y, GR)
Q6, 708 : UN4116 or DTA143TS
Q21, 22 : 2SD1302 (S, T) or 2SC2878 (B)
Q31, 32, 41~44 : 2SC3311A (Q, R)
Q33 : 2SC3940A (R, S)
Q34, 35, 710~712 : UN4219 or DTC113ZS
Q51, 713 : UN4212 or DTC124ES
Q37, Q701, 703~706 : 2SA1309A (Q, R) or 2SA1048 (Y, GR)
Q702 : 2SB1375 or 2SB1370
Q707 : UN4216 or DTC143TS

D1, 3, 15~18, 20, 21, 31, 51~58, 91~93, 708, 710~713, 745~747, 753, 758, 759 : 1SS133 or HSS104
D2 : RD11ES (B2) or HZS11N (B2)
D40 : RD7.5JS (B) or HZS7.5S (B)
D701~704, 706, 713 : S5688B or 1SR139-100
D705 : KBP02ML-6127
D707 : RD5.1JS (B) or HZS5.1S (B)
D709 : RD3.9ES (B) or HZS3.9N (B)
D714~720, 724~741, 743, 744, 751 : 1SS131 or HSS104A
D748 : B30-1290-05
D752, 755 : RD6.8ES (B2) or HZS6.8N (B2)
ED1 : CM1157C

SIGNAL LINE
GND LINE
+B LINE
-B LINE



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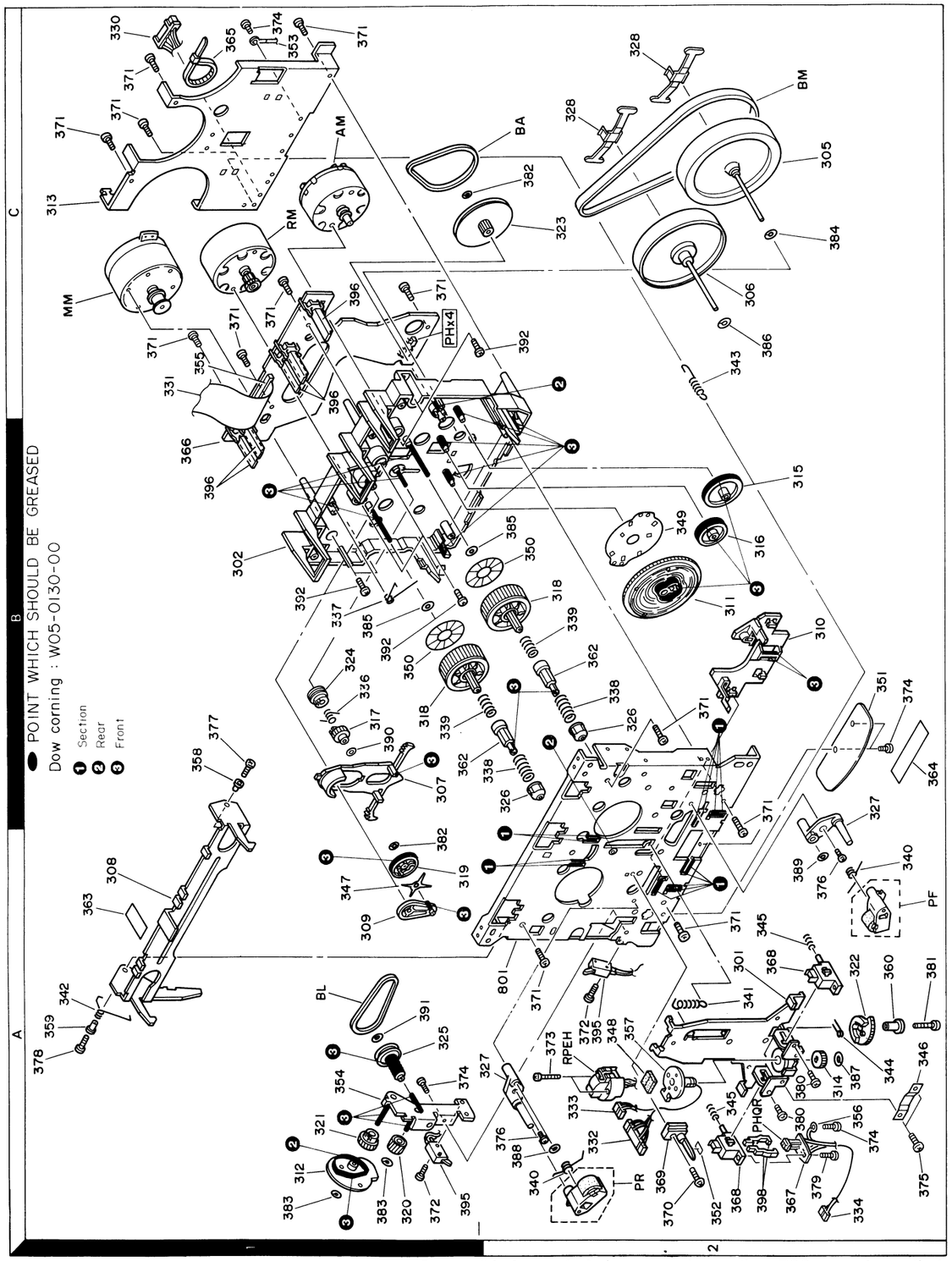
Les tensions c.c. du circuit de polarité doivent etre mesurées l'appareil étant en mode d'enregistrement.

Die angegebenen Gleichspannungswerte wurden bei ungesetzter Cassette in der Wiedergabe mit einem hochomigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig. Die angegebenen Gleichspannungswerte der Vormagnetisierungsschaltung wurden in der Aufnahme-Betriebsart gemessen.

KX-5550

KENWOOD

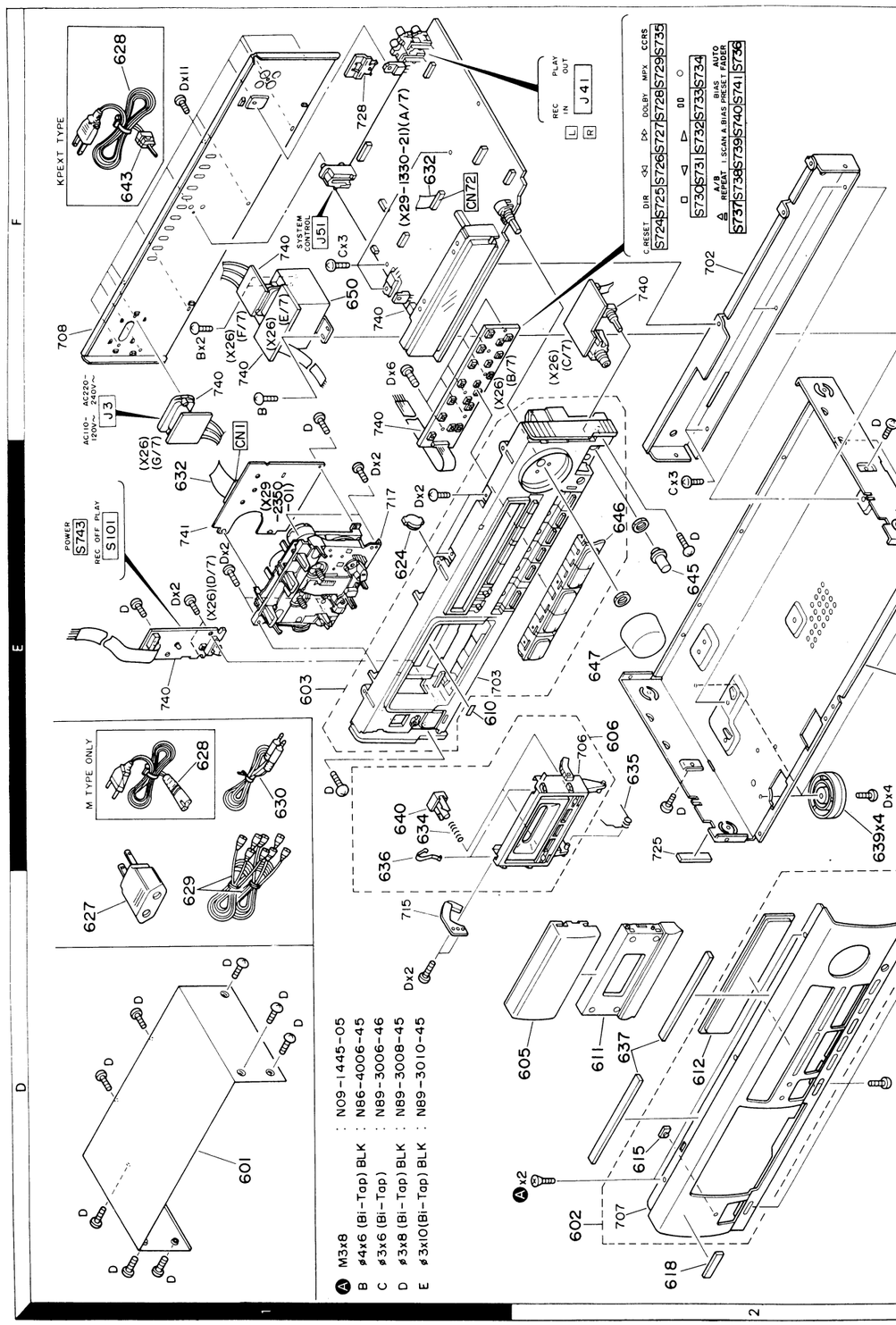
EXPLODED VIEW (MECHANISM UNIT)



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

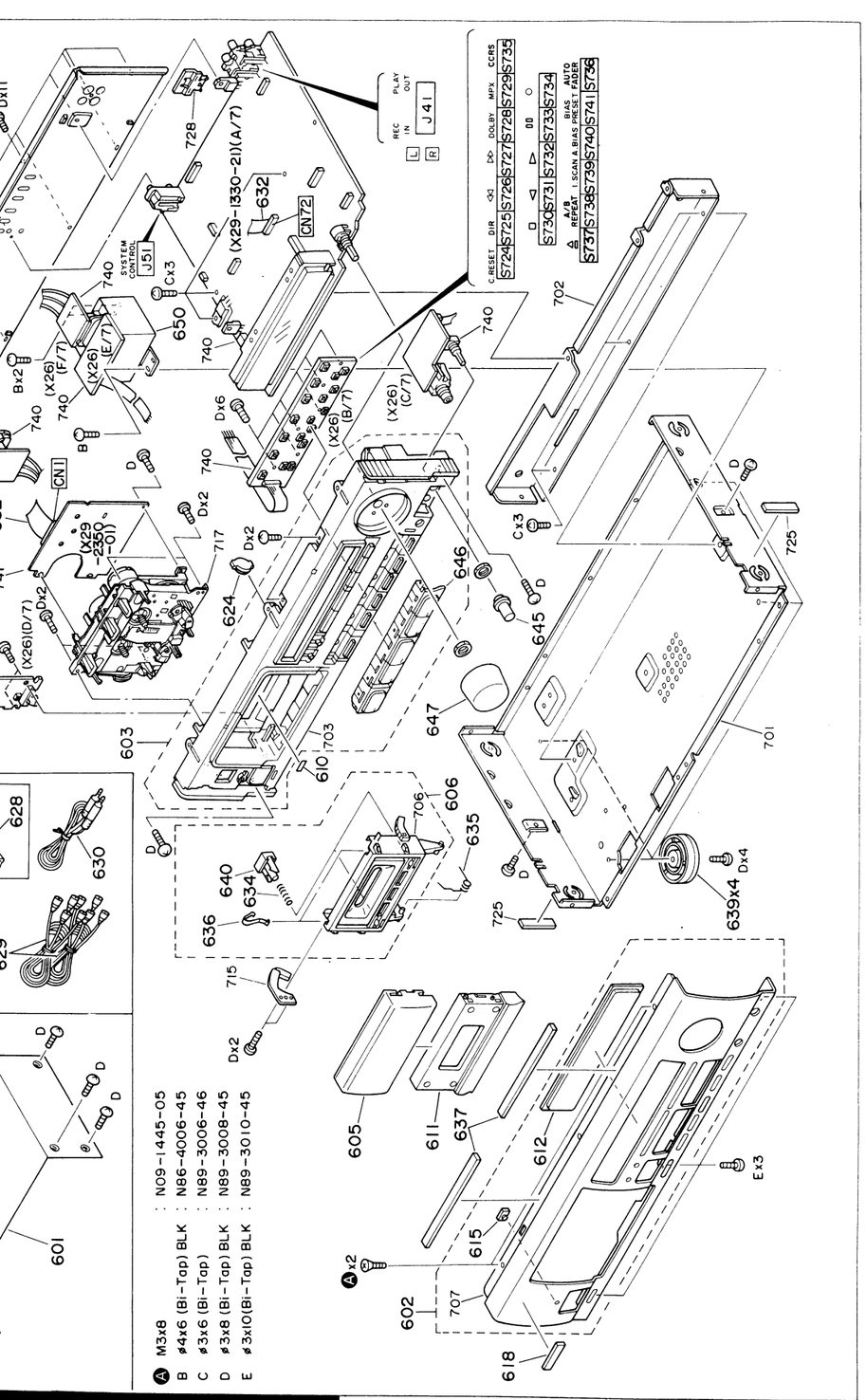
KX-5550

EXPLODED VIEW (UNIT)



Parts with the exploded numbers larger than 700 are

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 mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
KX-5550						
601	1D		A01-2974-01	METALLIC CABINET		
602	2D	*	A60-0369-13	PANEL ASSY		
603	1E	*	A22-1612-12	SUB PANEL ASSY		
605	2D	*	A53-1394-03	CASSETTE LID		
606	2E		A53-1368-03	CASSETTE HOLDER ASSY		
610	1E		B03-1691-04	DRESSING SEAL		
611	2D	*	B03-2821-03	DRESSING PLATE		
612	2D		B10-1924-04	FRONT GLASS		
615	2D		B12-0212-04	INDICATOR		
618	2D		B43-0287-04	KENWOOD BADGE		
-			B46-0092-23	WARRANTY CARD	K	
-			B46-0096-33	WARRANTY CARD	X	
-			B46-0121-23	WARRANTY CARD	P	
-			B46-0122-23	WARRANTY CARD	E	
-			B46-0143-13	WARRANTY CARD	T	
-			B58-0945-03	CAUTION CARD	T	
-		*	B60-1108-00	INSTRUCTION MANUAL (FRENCH)	PE	
-		*	B60-1109-00	INSTRUCTION MANUAL (SPA,CHI)	M	
-		*	B60-1110-00	INSTRUCTION MANUAL (GRE,DUT)	E	
-		*	B60-1112-00	INSTRUCTION MANUAL (ENGLISH)		
624	1E		D39-0200-05	DAMPER		
⚠ 627	1D		E03-0115-05	AC PLUG ADAPTER	M	
⚠ 628	1F		E30-0459-05	AC POWER CORD	E	
⚠ 628	1F		E30-0974-05	AC POWER CORD	KP	
⚠ 628	1F		E30-1329-15	AC POWER CORD (INLET)	M	
⚠ 628	1F		E30-2714-05	AC POWER CORD	X	
⚠ 628	1F		E30-2718-05	AC POWER CORD	T	
629	1D		E30-0505-05	AUDIO CORD		
630	1E		E30-0977-05	CORD WITH PLUG		
632	1E,1F		E35-0407-05	FLAT CABLE X26(CN71)-X29(CN1)		
634	1E		G01-3503-04	COMPRESSION SPRING		
635	2E		G01-3504-14	TORSION COIL SPRING		
636	1E		G02-1008-04	FLAT SPRING		
637	2D		G11-0185-04	SOFT TAPE (120X5X2)		
		*	H50-0552-04	ITEM CARTON CASE	KPMXE	
		*	H50-0679-04	ITEM CARTON CASE	T	
-		*	H10-5489-02	POLYSTYRENE FOAMED FIXTURE (L)	KPMXE	
-		*	H10-5490-02	POLYSTYRENE FOAMED FIXTURE (R)	KPMXE	
-		*	H10-5491-02	POLYSTYRENE FOAMED FIXTURE (L)	T	
-		*	H10-5492-02	POLYSTYRENE FOAMED FIXTURE (R)	T	
-		*	H13-0103-04	CARTON BOARD	X	
-			H20-0554-04	PROTECTION COVER	M	
-			H25-0232-04	PROTECTION BAG (235X350X0.03)	KPMXE	
-			H25-0330-04	PROTECTION BAG	KPXE	
-			H25-0651-04	PROTECTION BAG (0232 PRINTED)	T	
-			H25-0658-04	PROTECTION BAG (0330 PRINTED)	T	
639	2E		J02-1034-05	FOOT		
640	1E		J11-0140-04	CLAMPER ASSY		
⚠ 643	1F		J42-0083-05	POWER CORD BUSHING	KPXTE	
-			J61-0039-05	WIRE BAND		
-			J61-0307-05	WIRE BAND	T	

L:Scandinavia **K:**USA **P:**Canada
Y:PX(Far East, Hawaii) **T:**England **E:**Europe
Y:AAFES(Europe) **X:**Australia **M:**Other Areas

⚠ indicates safety critical components.

KX-5550

× New Parts
Parts without Parts No. are not supplie
Les articles non mentionnes dans le Pa
Teile ohne Parts No. werden nicht gelie

Ref. No. 参照番号	Address 位置	New Parts 新	P 部
645	2E	*	K29-5
646	2E	*	K29-5
647	2E	*	K29-5
650	1F	*	L07-0
650	1F	*	L07-0
650	1F	*	L07-0
A	2D		N09-1
B	1F		N86-4
C	2E,1F		N89-3
D	1D,1E		N89-3
E	2D		N89-3
CASSETTE			
D748			B30-1
C1 ,2			CK45F
C3 ,4			CE04K
C5 ,6			CC45F
C7 ,8			CE04K
C9 ,10			CF92F
C11 ,12			CE04K
C13 ,14			CF92F
C15 ,16			CK45F
C17 ,18			CK45F
C19			CF92F
C20			CE04K
C101,102			CE04K
C103,104			CE04K
C105,106			CE04K
C107-112			CF92F
C113-116			CF92F
C117,118			CE04K
C119			CE04K
C120			CE04K
C126			CE04K
C130			CE04K
C131			CE04K
C201,202			CF92F
C203,204			CE04K
C205,206			CE04K
C207,208			CC45F
C209,210			CF92F
C211,212			CE04K
C213,214			CK45F
C217,218			CF92F
C219,220			CF92F
C221,222			CF92F
C223-226			CF92F
C227,228			CF92F
C229			CE04K
C230			CE04K
C231			CE04K
C233,234			CC45F
C301,302			C91-1
C303,304			C91-1

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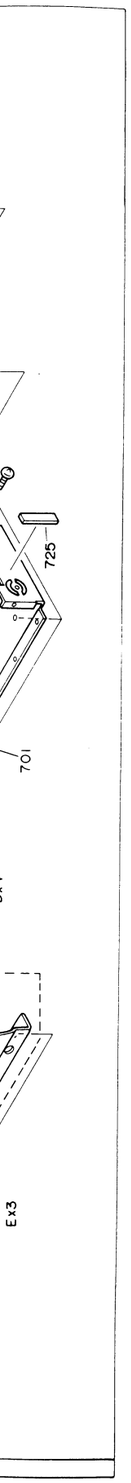

not supplied.

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KX-5550						
601	1D		A01-2974-01	METALLIC CABINET		
602	2D	*	A60-0369-13	PANEL ASSY		
603	1E	*	A22-1612-12	SUB PANEL ASSY		
605	2D	*	A53-1394-03	CASSETTE LID		
606	2E		A53-1368-03	CASSETTE HOLDER ASSY		
610	1E		B03-1691-04	DRESSING SEAL		
611	2D	*	B03-2821-03	DRESSING PLATE		
612	2D		B10-1924-04	FRONT GLASS		
615	2D		B12-0212-04	INDICATOR		
618	2D		B43-0287-04	KENWOOD BADGE		
-			B46-0092-23	WARRANTY CARD	K	
-			B46-0096-33	WARRANTY CARD	X	
-			B46-0121-23	WARRANTY CARD	P	
-			B46-0122-23	WARRANTY CARD	E	
-			B46-0143-13	WARRANTY CARD	T	
-			B58-0945-03	CAUTION CARD	T	
-		*	B60-1108-00	INSTRUCTION MANUAL (FRENCH)	PE	
-		*	B60-1109-00	INSTRUCTION MANUAL (SPA,CHI)	M	
-		*	B60-1110-00	INSTRUCTION MANUAL (GRE,DUT)	E	
-		*	B60-1112-00	INSTRUCTION MANUAL (ENGLISH)		
624	1E		D39-0200-05	DAMPER		
⚠ 627	1D		E03-0115-05	AC PLUG ADAPTER	M	
⚠ 628	1F		E30-0459-05	AC POWER CORD	E	
⚠ 628	1F		E30-0974-05	AC POWER CORD	KP	
⚠ 628	1F		E30-1329-15	AC POWER CORD (INLET)	M	
⚠ 628	1F		E30-2714-05	AC POWER CORD	X	
⚠ 628	1F		E30-2718-05	AC POWER CORD	T	
629	1D		E30-0505-05	AUDIO CORD		
630	1E		E30-0977-05	CORD WITH PLUG		
632	1E,1F		E35-0407-05	FLAT CABLE X26(CN71)-X29(CN1)		
634	1E		G01-3503-04	COMPRESSION SPRING		
635	2E		G01-3504-14	TORSION COIL SPRING		
636	1E		G02-1008-04	FLAT SPRING		
637	2D		G11-0185-04	SOFT TAPE (120X5X2)		
		*	H50-0552-04	ITEM CARTON CASE	KPMXE	
		*	H50-0679-04	ITEM CARTON CASE	T	
-		*	H10-5489-02	POLYSTYRENE FOAMED FIXTURE (L)	KPMXE	
-		*	H10-5490-02	POLYSTYRENE FOAMED FIXTURE (R)	KPMXE	
-		*	H10-5491-02	POLYSTYRENE FOAMED FIXTURE (L)	T	
-		*	H10-5492-02	POLYSTYRENE FOAMED FIXTURE (R)	T	
-		*	H13-0103-04	CARTON BOARD	X	
-			H20-0554-04	PROTECTION COVER	M	
-			H25-0232-04	PROTECTION BAG (235X350X0.03)	KPMXE	
-			H25-0330-04	PROTECTION BAG	KPXE	
-			H25-0651-04	PROTECTION BAG (0232 PRINTED)	T	
-			H25-0658-04	PROTECTION BAG (0330 PRINTED)	T	
639	2E		J02-1034-05	FOOT		
640	1E		J11-0140-04	CLAMPER ASSY		
⚠ 643	1F		J42-0083-05	POWER CORD BUSHING	KPXTE	
-			J61-0039-05	WIRE BAND		
-			J61-0307-05	WIRE BAND	T	

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645	2E	*	K29-5670-04	KNOB REC BALANCE		
646	2E	*	K29-5669-03	KNOB DECK CONTROL		
647	2E	*	K29-5671-04	KNOB REC LEVEL		
650	1F	*	L07-0745-05	POWER TRANSFORMER	KP	
650	1F	*	L07-0746-05	POWER TRANSFORMER	M	
650	1F	*	L07-0747-05	POWER TRANSFORMER	XTE	
A	2D		N09-1445-05	SET SCREW (M3X8)		
B	1F		N86-4006-45	BINDING HEAD TAPTITE SCREW		
C	2E,1F		N89-3006-46	BINDING HEAD TAPTITE SCREW		
D	1D,1E		N89-3008-45	BINDING HEAD TAPTITE SCREW		
E	2D		N89-3010-45	BINDING HEAD TAPTITE SCREW		
CASSETTE UNIT (X26-1330-10 : K, P, X, T, E 0-21 : M)						
D748			B30-1290-05	LED(LN21RCALSLX(U)-(TA4))		
C1 ,2			CK45FB1H681K	CERAMIC 680PF K		
C3 ,4			CE04KW1V100M	ELECTRO 10UF 35WV		
C5 ,6			CC45FSL1H221J	CERAMIC 220PF J		
C7 ,8			CE04KW1E101M	ELECTRO 100UF 25WV		
C9 ,10			CF92FV1H153J	MF 0.015UF J		
C11 ,12			CE04KW1V100M	ELECTRO 10UF 35WV		
C13 ,14			CF92FV1H183J	MF 0.018UF J		
C15 ,16			CK45FB1H102K	CERAMIC 1000PF K		
C17 ,18			CK45FB1H391K	CERAMIC 390PF K		
C19			CF92FV1H473J	MF 0.047UF J		
C20			CE04KW1E221M	ELECTRO 220UF 25WV		
C101,102			CE04KW1V100M	ELECTRO 10UF 35WV		
C103,104			CE04KW1V4R7M	ELECTRO 4.7UF 35WV		
C105,106			CE04KW1V100M	ELECTRO 10UF 35WV		
C107-112			CF92FV1H222J	MF 2200PF J		
C113-116			CF92FV1H104J	MF 0.10UF J		
C117,118			CE04KW1V100M	ELECTRO 10UF 35WV		
C119			CE04KW1C220M	ELECTRO 22UF 16WV		
C120			CE04KW1E221M	ELECTRO 220UF 25WV		
C126			CE04KW1V100M	ELECTRO 10UF 35WV		
C130			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C131			CE04KW1H3R3M	ELECTRO 3.3UF 50WV		
C201,202			CF92FV1H682J	MF 6800PF J		
C203,204			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C205,206			CE04KW1V100M	ELECTRO 10UF 35WV		
C207,208			CC45FSL1H220J	CERAMIC 22PF J		
C209,210			CF92FV1H473J	MF 0.047UF J		
C211,212			CE04KW1V100M	ELECTRO 10UF 35WV		
C213,214			CK45FB1H561K	CERAMIC 560PF K		
C217,218			CF92FV1H472J	MF 4700PF J		
C219,220			CF92FV1H562J	MF 5600PF J		
C221,222			CF92FV1H392J	MF 3900PF J		
C223-226			CF92FV1H222J	MF 2200PF J		
C227,228			CF92FV1H821J	MF 820PF J		
C229			CE04KW1V100M	ELECTRO 10UF 35WV		
C230			CE04KW1C101M	ELECTRO 100UF 16WV		
C231			CE04HW1H2R2M	NP-ELEC 2.2UF 50WV		
C233,234			CC45FSL2H221J	CERAMIC 220PF J		
C301,302			C91-1434-05	FILM 150PF J		
C303,304			C91-1436-05	FILM 220PF J		

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C305,306			CK45FB1H561K	CERAMIC 560PF K		
C307,308			CF92FV1H103J	MF 0.010UF J		
C309,310			CF92FV1H153J	MF 0.015UF J		
C311,312			CF92FV1H223J	MF 0.022UF J		
C313,314			CE04KW1V100M	ELECTRO 10UF 35WV		
C315			CK45FF1H103Z	CERAMIC 0.010UF Z		
C316			CQ93HP2A682J	MYLAR 6800PF J		
C317,318			CE04KW1V100M	ELECTRO 10UF 35WV		
C319			CC45FSL2H100D	CERAMIC 10PF D		
C320			CF92FV1H153J	MF 0.015UF J		
C321,322			CF92FV1H472J	MF 4700PF J		
C323			CF92FV1H682J	MF 6800PF J		
C324			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C325			CE04KW1C470M	ELECTRO 47UF 16WV		
C326			CE04KW1C220M	ELECTRO 22UF 16WV		
C401,402			CF92FV1H471J	MF 470PF J		
C403,404			CF92FV1H394J	MF 0.39UF J		
C405			CE04KW1C101M	ELECTRO 100UF 16WV		
C406			CE04HW1E4R7M	NP-ELEC 4.7UF 25WV		
C501,502			CC45FSL1H221J	CERAMIC 220PF J		
C503,504			CK45FF1H103Z	CERAMIC 0.010UF Z		
C505			CE04KW1C220M	ELECTRO 22UF 16WV		
C506,507			CK45FF1H103Z	CERAMIC 0.010UF Z		
C508			CC45FSL1H101J	CERAMIC 100PF J		
C509			CK45FF1H103Z	CERAMIC 0.010UF Z		
C701			CE04KW1V222M	ELECTRO 2200UF 35WV		
C702			C90-1872-05	ELECTRO 10000UF 25WV		
C703			CE04KW1H471M	ELECTRO 470UF 50WV		
⚠ C704			C91-1439-05	FILM 0.01UF 250VAC		
C705,706			CK45FF1H103Z	CERAMIC 0.010UF Z		
C707			CE04KW1V470M	ELECTRO 47UF 35WV		
C708,709			CF92FV1H104J	MF 0.10UF J		
C710			CE04KW1V100M	ELECTRO 10UF 35WV		
C711			CF92FV1H103J	MF 0.010UF J		
C712			CF92FV1H104J	MF 0.10UF J		
C713			CE04KW1C101M	ELECTRO 100UF 16WV		
C714			CE04KW0J471M	ELECTRO 470UF 6.3WV		
C715			CE04KW1H100M	ELECTRO 10UF 50WV		
C716			CK45FF1H103Z	CERAMIC 0.010UF Z		
C717			CE04KW1V330M	ELECTRO 33UF 35WV		
C718			C91-0700-05	CERAMIC 0.1UF J		
C719			CE04KW1V100M	ELECTRO 10UF 35WV		
C720			CK45FB1H102K	CERAMIC 1000PF K		
C721			CE04KW1A101M	ELECTRO 100UF 10WV		
C723			CF92FV1H104J	MF 0.10UF J		
C724			CF92FV1H302J	MF 3000PF J		
C731			C91-0700-05	CERAMIC 0.1UF J		
C732,733			CE04KW1A470M	ELECTRO 47UF 10WV		
C735-738			CC45FSL1H221J	CERAMIC 220PF J		
C739			CE04KW1V4R7M	ELECTRO 4.7UF 35WV		
C740,741			CK45FB1H102K	CERAMIC 1000PF K		
C742			CE04KW1V4R7M	ELECTRO 4.7UF 35WV		
C743			CK45FF1H103Z	CERAMIC 0.010UF Z		
C744,745			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C801,802			CE04KW1H010M	ELECTRO 1.0UF 50WV		

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KX-5550

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C803,804			CC45FSL1H101J	CERAMIC 100PF J		
C805,806			CE04KW1C470M	ELECTRO 47UF 16WV		
C813			CE04KW1V100M	ELECTRO 10UF 35WV		
C814			CE04KW1C101M	ELECTRO 100UF 16WV		
C815,816			CK45FF1H103Z	CERAMIC 0.010UF Z		
C901			CE04KW1V4R7M	ELECTRO 4.7UF 35WV		
C902			CK45FB1H102K	CERAMIC 1000PF K		
C903			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C904			C90-1826-05	BACKUP 0.047F 5.5WV		
C949,950			CE04KW1V100M	ELECTRO 10UF 35WV		
C951,952			CE04KW1HR33M	ELECTRO 0.33UF 50WV		
C953,954			CK45FB1H332K	CERAMIC 3300PF K		
C956			CK45FB1H561K	CERAMIC 560PF K		
C957,958			CE04KW1V4R7M	ELECTRO 4.7UF 35WV		
C959			CE04KW1V100M	ELECTRO 10UF 35WV		
C960			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C961,962			CE04KW1V100M	ELECTRO 10UF 35WV		
C965,966			CK45FF1H103Z	CERAMIC 0.010UF Z		
⚠ C967			C91-1439-05	FILM 0.01UF 250VAC	M	
CN71	1F		E40-4165-05	FLAT CABLE CONNCTOR		
⚠ J3	1E		E03-0102-25	AC INLET	M	
J41			E13-0445-05	PHONO JACK(4P) REC IN/PLAY OUT		
J51			E11-0188-05	MINIATURE PHONE JACK SYNCHRO		
J81			E11-0208-05	PHONE JACK HEAD PHONE		
-			J11-0098-05	WIRE CLAMPER		
L11 ,12			L79-0720-05	LC FILTER		
L21 ,22			L40-2235-29	SMALL FIXED INDUCTOR(22MH ,J)		
L23 ,24			L40-1035-29	SMALL FIXED INDUCTOR(10MH, J)		
L31 ,32			L32-0547-05	BIAS OSCILATING COIL		
L33			L32-0388-05	BIAS OSCILATING COIL		
X1			L78-0290-05	RESONATOR 8.000MHz		
CP2			R90-0804-05	MULTI-COMP 47KX8 J 1/4W		
R22			RD14NB2E221J	RD 220 J 1/4W		
R129			RD14NB2E100J	RD 10 J 1/4W		
R243			RD14NB2E101J	RD 100 J 1/4W		
R326			RD14NB2E102J	RD 1.0K J 1/4W		
R700			R92-0508-05	FUSE RESIST 22 G 1/4W		
R704			RD14GB2E102J	FL-PROOF RD 1.0K J 1/4W		
R789			RS14KB3D150J	FL-PROOF RS 15 J 2W		
R823			RD14GB2E221J	FL-PROOF RD 220 J 1/4W		
R972			RD14NB2E101J	RD 100 J 1/4W		
VR1 ,2			R12-3686-05	TRIMMING POT.(22K) PB LEVEL		
VR21,22			R12-3686-05	TRIMMING POT.(22K) REC LEVEL		
VR31,32			R12-3688-05	TRIMMING POT.(47K) BIAS		
VR95			R12-1619-05	TRIMMING POT.(4.7K)METER		
VR101			R29-4021-05	POTENTIOMETER REC LEVEL		
VR102			R05-5035-05	POTENTIOMETER(200K)BALANCE		
K1			S51-2089-05	MAGNETIC RELAY		
S101			S31-1017-05	SLIDE SWITCH TIMRE SW		
S724-741			S40-1064-05	PUSH SWITCH KEY BOARD		
S743			S40-1064-05	PUSH SWITCH KEY BOARD		
D1			HSS104	DIODE		

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D1			1SS133	DIODE		
D2			HZS11N(B2)	ZENER DIODE		
D2			RD11ES(B2)	ZENER DIODE		
D3			HSS104	DIODE		
D3			1SS133	DIODE		
D15 -18			HSS104	DIODE		
D15 -18			1SS133	DIODE		
D20 ,21			HSS104	DIODE		
D20 ,21			1SS133	DIODE		
D31			HSS104	DIODE		
D31			1SS133	DIODE		
D40			HZS7.5S(B)	ZENER DIODE		
D40			RD7.5JS(B)	ZENER DIODE		
D51 -58			HSS104	DIODE		
D51 -58			1SS133	DIODE		
D91 -93			HSS104	DIODE		
D91 -93			1SS133	DIODE		
D701-704			S5688B	DIODE		
D701-704			1SR139-100	DIODE		
D705			KBP02ML-6127	DIODE		
D706			S5688B	DIODE		
D706			1SR139-100	DIODE		
D707			HZS5.1S(B)	ZENER DIODE		
D707			RD5.1JS(B)	ZENER DIODE		
D708			HSS104	DIODE		
D708			1SS133	DIODE		
D709			HZS3.9N(B)	ZENER DIODE		
D709			RD3.9ES(B)	ZENER DIODE		
D710-713			HSS104	DIODE		
D710-713			1SS133	DIODE		
D714-720			HSS104A	DIODE		
D714-720			1SS131	DIODE		
D724-741			HSS104A	DIODE		
D724-741			1SS131	DIODE		
D743,744			HSS104A	DIODE		
D743,744			1SS131	DIODE		
D745-747			HSS104	DIODE		
D745-747			1SS133	DIODE		
D749,750			HSS104	DIODE		
D749,750			1SS133	DIODE		
D751			HSS104A	DIODE		
D751			1SS131	DIODE		
D752			HZS6.8N(B2)	ZENER DIODE		
D752			RD6.8ES(B2)	ZENER DIODE		
D753			HSS104	DIODE		
D753			1SS133	DIODE		
D755			HZS6.8N(B2)	ZENER DIODE		
D755			RD6.8ES(B2)	ZENER DIODE		
D758,759			HSS104	DIODE		
D758,759			1SS133	DIODE		
ED1			CM1157C	INDICATOR TUBE		
IC1			TA8125S	IC(2CH PRE AMP)		
IC11			HA12170NT	IC(DOLBY B/C NR)		
IC21			NJM4565D-D	IC(OP AMP X2)		
IC21			XRA15218-DX	IC(OP AMP X2)		

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IC31			UPC1297CA	IC(DOL HX PRO SYSTEM)		
IC41			BA17815T	IC(VOLTAGE REGULATOR)		
IC41			UPC7815AHF	IC(VOLTAGE REGULATOR/ +15V)		
IC51			NJU7313L	IC(ANALOG SWITCH)		
IC51			TC9164N	IC(16CH BILATERAL SELECTOR SW)		
IC81			NJM4565L	IC(OP AMP X2)		
IC81			XRA15218N	IC		
IC95			NJM4565D-D	IC(OP AMP X2)		
IC95			XRA15218-DX	IC(OP AMP X2)		
IC96			BA6138	IC(ROOT AMP X2)		
IC701			BA17812T	IC(VOLTAGE REGULATOR/ +12V)		
IC701			UPC7812AHF	IC(VOLTAGE REGULATOR/ +12V)		
IC702			BA17805T	IC(VOLTAGE REGULATOR/ +5V)		
IC702			UPC7805AHF	IC(VOLTAGE REGULATOR/ +5V)		
IC705		*	CXP82316-129Q	IC(MICROPROCESSOR)		
IC706			TC4053BP	IC(3-INPUT 2CH MPX/DE-MPX)		
IC706			XRU4053B	IC(ANALOG MULTIPLEXER)		
IC707			TA8409S	IC(MOTOR CONTROL)		
IC708			M51951ASL	IC(SYSTEM RESET)		
IC708			PST529D	IC(SYSTEM RESET)		
Q1 -5			2SC2458(Y,GR)	TRANSISTOR		
Q1 -5			2SC3311A(Q,R)	TRANSISTOR		
Q6			DTA143TS	DIGITAL TRANSISTOR		
Q6			UN4116	DIGITAL TRANSISTOR		
Q21 ,22			2SC2878(B)	TRANSISTOR		
Q21 ,22			2SD1302(S,T)	TRANSISTOR		
Q23 -28			2SC2458(Y,GR)	TRANSISTOR		
Q23 -28			2SC3311A(Q,R)	TRANSISTOR		
Q31 ,32			2SC3311A(Q,R)	TRANSISTOR		
Q33			2SC3940A(R,S)	TRANSISTOR		
Q34 ,35			DTC113ZS	DIGITAL TRANSISTOR		
Q34 ,35			UN4219	DIGDTAL TRANSISTOR		
Q36			2SC2458(Y,GR)	TRANSISTOR		
Q36			2SC3311A(Q,R)	TRANSISTOR		
Q37			2SA1048(Y,GR)	TRANSISTOR		
Q37			2SA1309A(Q,R)	TRANSISTOR		
Q41 -44			2SC3311A(Q,R)	TRANSISTOR		
Q51			DTC124ES	DIGITAL TRANSISTOR		
Q51			UN4212	DIGITAL TRANSISTOR		
Q92			2SC2458(Y,GR)	TRANSISTOR		
Q92			2SC3311A(Q,R)	TRANSISTOR		
Q95 -97			2SC2458(Y,GR)	TRANSISTOR		
Q95 -97			2SC3311A(Q,R)	TRANSISTOR		
Q701			2SA1048(Y,GR)	TRANSISTOR		
Q701			2SA1309A(Q,R)	TRANSISTOR		
Q702			2SB1370	TRANSISTOR		
Q702			2SB1375	TRANSISTOR		
Q703-706			2SA1048(Y,GR)	TRANSISTOR		
Q703-706			2SA1309A(Q,R)	TRANSISTOR		
Q707			DTC143TS	DIGITAL TRANSISTOR		
Q707			UN4216	DIGITAL TRANSISTOR		
Q708			DTA143TS	DIGITAL TRANSISTOR		
Q708			UN4116	DIGITAL TRANSISTOR		
Q710-712			DTC113ZS	DIGITAL TRANSISTOR		
Q710-712			UN4219	DIGITAL TRANSISTOR		

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Q713			DTC124ES	DIGITAL TRANSISTOR		
Q713			UN4212	DIGITAL TRANSISTOR		
CONTROL UNIT (X29-2350-01)						
C1			CK45FF1H103Z	CERAMIC 0.010UF Z		
C2			C91-0700-05	CERAMIC 0.1UF J		
C3			CK45FF1H103Z	CERAMIC 0.010UF Z		
C4			C91-0700-05	CERAMIC 0.1UF J		
C11 ,12			CK45FF1H103Z	CERAMIC 0.010UF Z		
C13			CE04KW1V100M	ELECTRO 10UF 35WV		
C14 -16			CK45FF1H103Z	CERAMIC 0.010UF Z		
C17			CE04KW1V100M	ELECTRO 10UF 35WV		
C18			CK45FF1H103Z	CERAMIC 0.010UF Z		
C21			CE04KW1V100M	ELECTRO 10UF 35WV		
C22			CE04KW1V4R7M	ELECTRO 4.7UF 35WV		
CN1	1E		E40-4165-05	FLAT CABLE CONNCTOR		
-			J11-0098-05	WIRE CLAMPER		
VR1			R12-3127-05	TRIMMING POT.(10K) QR SENCE		
IC1			BA6209	IC(MOTOR DRIVER)		
IC2			BA6229	IC(MOTOR DRIVER)		
IC3 ,4			BA10393N	IC(DUAL COMPARATOR)		
Q1 ,2			DTC113ZS	DIGITAL TRANSISTOR		
Q1 ,2			UN4219	DIGITAL TRANSISTOR		
Q3			2SC3246	TRANSISTOR		
MECHANISM ASSY (D40-1281-05)						
301	2A	*	A10-3040-08	HEAD CHASSIS CALKED ASSY		
302	1B		A11-0769-08	BASE CHASSIS ASSY		
305	2C	*	D01-0158-08	FLYWHEEL ASSY RIGHT		
306	2C	*	D01-0148-08	FLYWHEEL ASSY LEFT		
307	1B		D10-3290-08	BRAKE ARM		
308	1A		D10-3292-08	EJECT LEVER		
309	1A		D10-3323-08	FRICTION ARM ASSY		
310	2B	*	D10-3356-08	RV LEVER		
311	2B		D12-0143-08	PLAY CAM GEAR		
312	1A		D12-0144-08	LOADING CAM GEAR		
313	1C		D12-0145-08	UNIT HOLDER		
314	2A		D13-0981-08	ROTATION GEAR		
315	2B		D13-1503-08	EXTENTION GEAR A		
316	2B		D13-1504-08	EXTENTION GEAR B		
317	1B		D13-1505-08	SELECT GEAR		
318	1B,2B		D13-1506-08	REEL GEAR		
319	1A		D13-1507-08	IDLE GEAR		
320	1A		D13-1509-08	HOLDER GEAR A		
321	1A		D13-1510-08	HOLDER GEAR B		
322	2A	*	D13-1511-08	RETURN GEAR		
323	2C		D15-0335-08	PULLEY GEAR (MB)		
324	1B		D15-0336-08	PULLEY (LA)		
325	1A		D15-0339-08	PULLEY GEAR		
326	2B		D19-0270-18	REEL CAP		
327	2B		D23-0278-08	HOUSING ASSY RIGHT		
327	2A	*	D23-0279-08	HOUSING ASSY LEFT		
328	2C	*	D23-0303-08	CAPSTAN SPACER		

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KX-5550

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330	1C		E30-2727-08	CONNECTOR WIRE 10P		
331	1C		E35-0577-08	FLAT WIRE 12P		
332	2A	*	E35-0607-08	HEAD WIRE 7P REC/PLAY		
333	2A	*	E35-0608-08	HEAD WIER 2P ERASE		
334	2A	*	E35-0609-08	QUICK SENSOR WIRE 3P		
336	1B		G01-3521-08	PULLEY GEAR SPRING		
337	1B		G01-3522-08	BRAKE ARM SPRING		
338	2B		G01-3523-08	REEL SPRING		
339	1B,2B		G01-3524-08	BACK TENTION SPRING		
340	2A		G01-3525-08	PINCH ROLLER SPRING RIGHT		
340	2A	*	G01-3555-08	PINCH ROLLER SPRING LEFT		
341	2A		G01-3527-08	HEAD SHASSIS SPRING		
342	1A		G01-3528-08	EJECT LEVER SPRING		
343	2C		G01-3529-08	EARTH SPRING		
344	2A	*	G01-3556-08	RETURN SPRING		
345	2A	*	G01-3557-08	TAPE GUIDE SPRING		
346	2A		G02-0994-08	AZIMUTH SPRING		
347	1A		G02-1006-08	FRICTION SPRING		
348	2A		G11-2117-08	HEAD WIRE CLAMPER		
349	2B		G16-0790-08	MODE REFLECTOR		
350	1B,2B	*	G16-0791-81	REFLECTOR SEAL		
351	2B	*	G16-0809-08	SHIEET		
352	2A	*	G16-0811-08	MIRRER SEAL		
353	1C	*	J11-0192-08	CORD CLAMPER		
354	1A		J19-3521-08	LOADING HOLDER ASSY		
355	1C		J19-3550-08	LEAD HOLDER		
356	2A	*	J19-3584-08	CORD CLAMPER		
357	2A	*	J21-5909-08	HEAD PLATE ASSY		
358	1B		J31-0853-08	EJECT LEVER COLLAR RIGHT		
359	1A		J31-0854-08	EJECT LEVER COLLAR LEFT		
360	2A	*	J31-0857-08	HEAD COLLAR		
362	1B,2B		J42-0191-08	REEL BUSH		
363	1A		J60-0022-08	ACETATE TAPE 9X20		
364	2A	*	J60-0024-08	ACETATE TAPE 8X36		
365	1C		J61-0095-08	WIRE CLAMPER		
366	1B		J70-0320-08	MECHANISM CONTROL PCB		
367	2A	*	J70-0321-08	QUICK SENSOR PCB		
368	2A	*	J90-0689-08	TAPE GUIDE		
369	2A		J90-0695-08	CASSETTE GUIDE (B)		
370	2A		N09-1497-08	TAP TITE SCREW M2X5		
371	2A,1C		N09-2871-08	TAPPING SCREW M2X6		
372	1A,2A		N09-2872-08	TAPPING SCREW M1.7X8		
373	2A		N09-2876-08	HEAD SCREW		
374	1A,2A		N09-2877-08	TAP TITE SCREW M2X4		
375	2A		N09-2951-08	AZIMUTH SCREW		
376	2A		N09-2962-08	BIND TAPTITE S M2.6X6		
377	1B		N09-2963-08	TAP TITE SCREW M2X6		
378	1A		N09-2966-08	TAP TITE SCREW M2X9		
379	2A	*	N09-2987-08	TAPPING SCREW M2X4		
380	2A	*	N09-2989-08	TAPE GUIDE SCREW		
381	2A	*	N09-2990-08	HEAD SCREW		
382	1A,2C		N19-1031-08	FLAT WASHER /1.6X3.5X0.5		
383	1A		N19-1242-08	FLAT WASHER /2.1X5.0X0.5		
384	2C		N19-1321-08	FLAT WASHER /2.6X6.0X0.25		
385	1B,2B		N19-1322-08	FLAT WASHER /2.1X4.0X0.25		

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386	2C	*	N19-1326-08	FLAT WASHER /2.3X5.0X0.25		
387	2A	*	N19-1328-08	FLAT WASHER /3.4X6.0X0.5		
388	2A	*	N19-1341-08	FLAT WASHER /2.1X5.0X0.5		
389	2A	*	N19-1342-08	FLAT WASHER /2.4X5.0X0.5		
390	1B	*	N19-1344-08	FLAT WASHER /1.5X5.0X0.13		
391	1A		N29-0206-04	E RING /2.0		
392	1B,2C		N30-2604-46	PAN HEAD SCREW M2.6X4		
395	1A,2A		S74-0011-08	SWITCH @PEN/CL@SE		
396	1B,1C		S74-0016-08	LEAF SWITCH		
398	2A	*	W10-0034-08	PH@T@ LENS		
BA	2C		D16-0341-08	ASSYST BELT		
BL	1A		D16-0340-08	L@ADING BELT		
BM	2C	*	D16-0346-08	MAIN BELT		
PF	2A		D14-0341-08	PINCH R@LLER ASSY		
PR	2A		D14-0340-08	PINCH R@LLER ASSY		
PHA	1C		T95-0125-08	PH@T@ INTERRUPTER		
PHB	1C		T95-0125-08	PH@T@ INTERRUPTER		
PHQR	2A	*	T95-0127-08	PH@T@ INTERRUPTER		
PHS	1C		T95-0125-08	PH@T@ INTERRUPTER		
PHT	1C		T95-0125-08	PH@T@ INTERRUPTER		
AM	1C		T42-0630-08	ASSYST M@T@R ASSY		
MM	1C	*	T42-0635-08	MAIN M@T@R ASSY		
RM	1C		T42-0629-08	REEL M@T@R ASSY		
RPEH	2A	*	T39-0346-08	REC/PLAY/ERESE HEAD		

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KX-5550

SPECIFICATIONS

Track System	**4-track, 2-channel stereo**
Recording System	**AC bias (Frequency: 105 kHz)**
Heads	**Playback/recording head..... 1**
	Erasing head..... 1
Motors	**DC motor × 2**
	MODE motor × 1
Fast Winding Time	**Approx. 90 seconds (C-60 tape)**
Frequency Response:	
Normal Tape	**20 Hz to 16,000 Hz, ±3 dB**
CrO_2 Tape	**20 Hz to 17,000 Hz, ±3 dB**
Metal Tape	**20 Hz to 18,000 Hz, ±3 dB**
Signal-to Noise Ratio:	
DOLBY NR OFF	**55 dB**
	(IEC, 250 nWb/m, Metal tape)
DOLBY C NR ON	**73 dB**
DOLBY B NR ON	**66 dB**
DOLBY NR OFF	**58 dB**
	(3rd H.D., 3%, Metal tape)
Harmonic Distortion	**Less than 3.0%**
	(at 315 Hz, 3rd H.D., 250 nWb/m, metal tape.
Wow and Flutter	**0.07% (W.R.M.S.)**
	±0.20% (DIN)
Input sensitivity/Impedance:	
LINE IN	**100 mV/47 kΩ**
Output Level/Impedance:	
LINE OUT	**775 mV/1.4 kΩ**
Headphones	**1.10 mW/32 Ω**
[GENERAL]	
Power Consumption	**22 W**
Dimensions	**W: 440 mm (17-5/16″)**
	H: 127 mm (5″)
	D: 257 mm (10-1/8″)
Weight (Net)	**4.4 kg (9.7 lb)**

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Kenwood poursuit une politique de progrès constants en ce qui concerne le developpement.
Pour cette raison, les spécifications sont sujettes à modifications sans préavis.

Kenwood strebt ständige Verbesserungen in der Entwicklung an.
Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on the U.S.A. (K) 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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