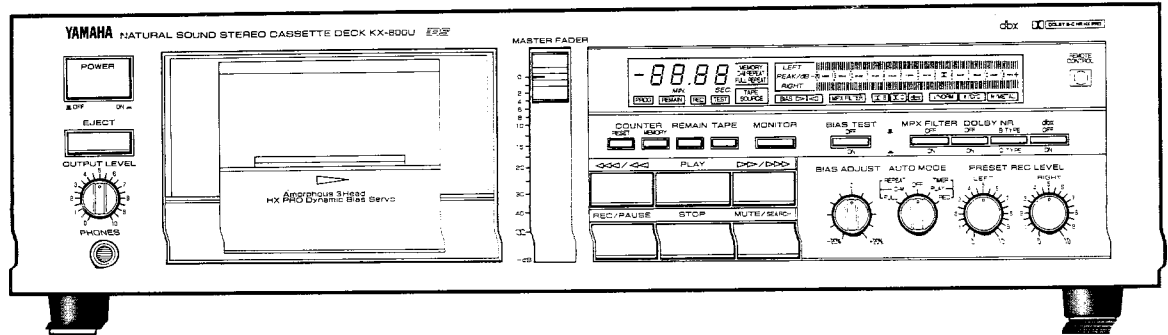


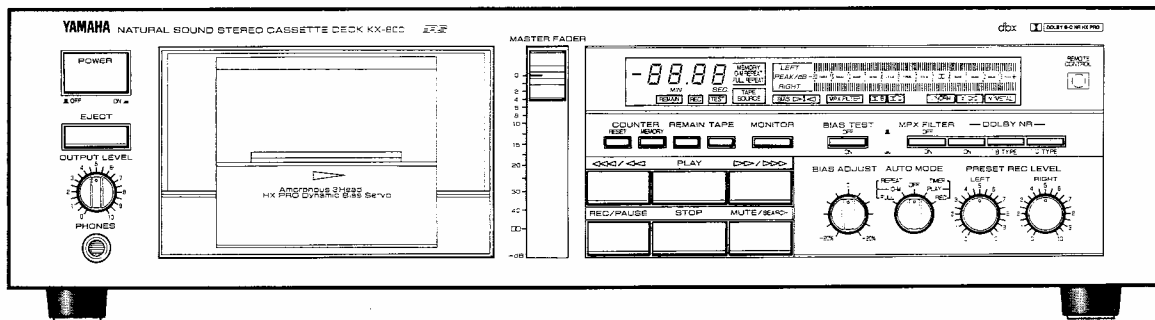
STEREO CASSETTE DECK KX-800/800U

SERVICE MANUAL

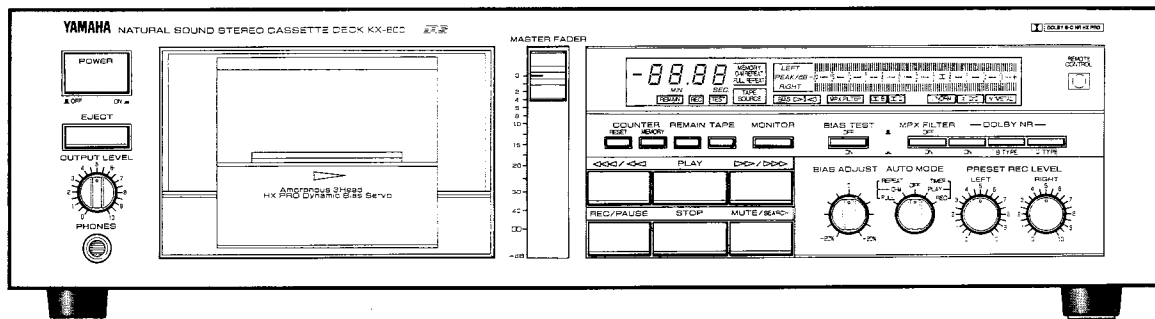
• U.C models



• RS-K12

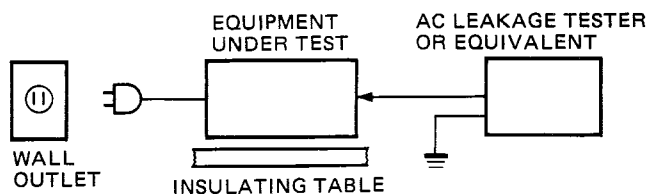


• B,G, models



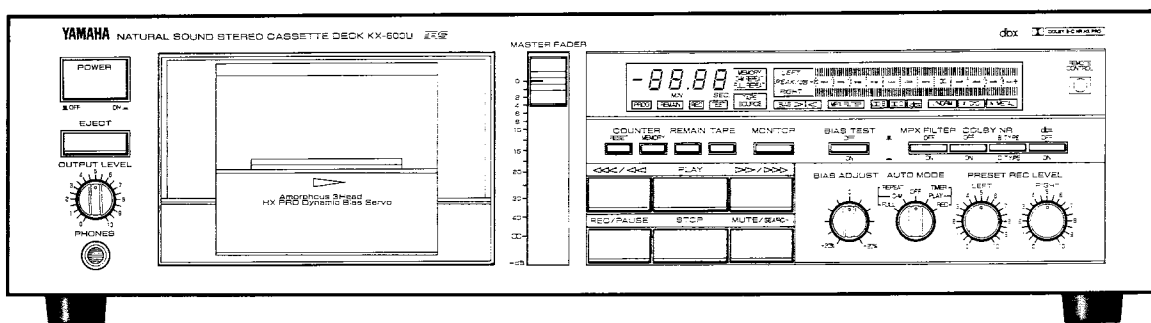
TO SERVICE PERSONNEL

1. Critical Components Information.
Components having special characteristics are marked  and must be replaced with parts having specifications equal to those originally installed.
2. Leakage Current Measurement (For 120V Model Only).
When service has been completed, it is imperative that you verify that all exposed conductive surfaces are properly insulated from supply circuits.
 - Meter impedance should be equivalent to 1500 ohm shunted by 0.15 μ F.
 - Leakage current must not exceed 0.5mA.
 - Be sure to test for leakage with the AC plug in both polarities.

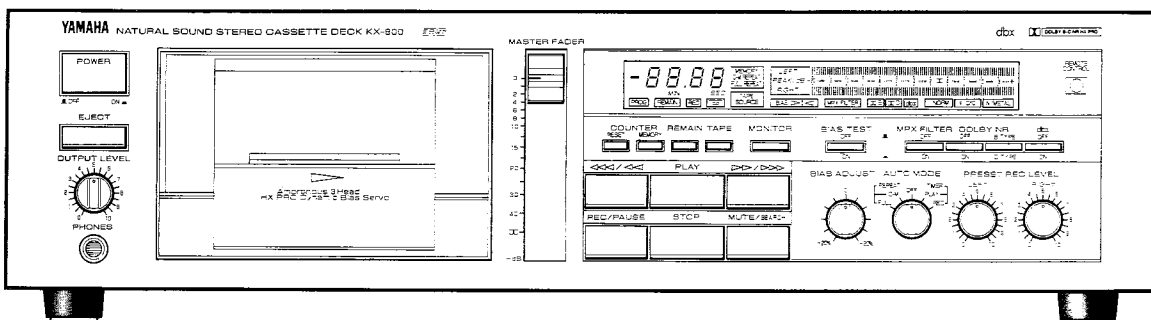


FRONT PANELS

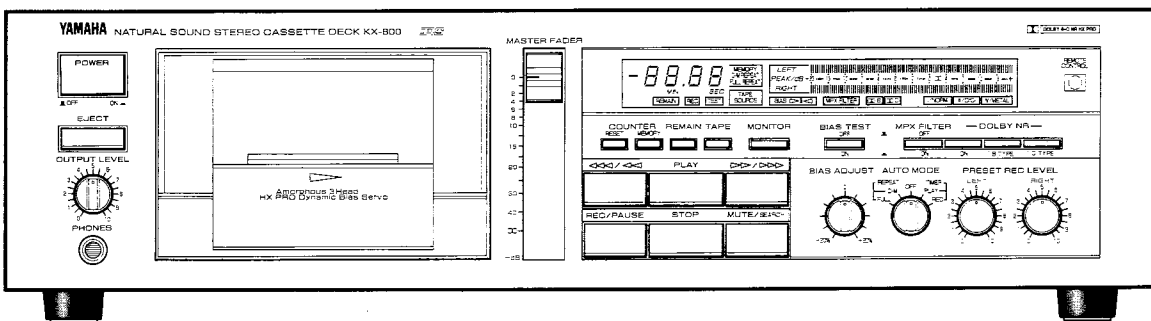
- U, C, models



- R,A, models

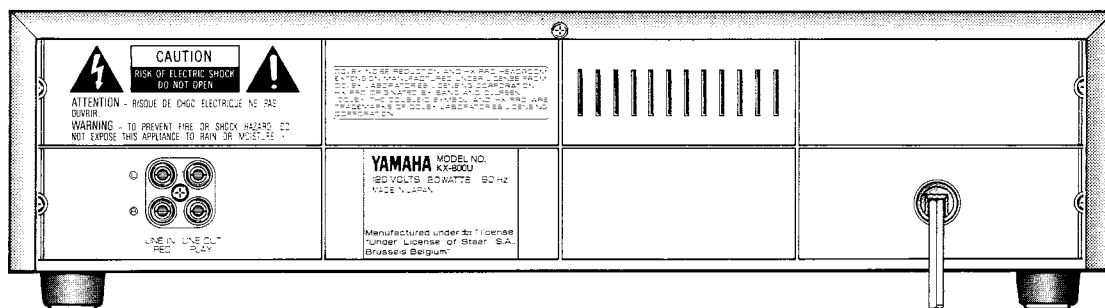


- B,G, models

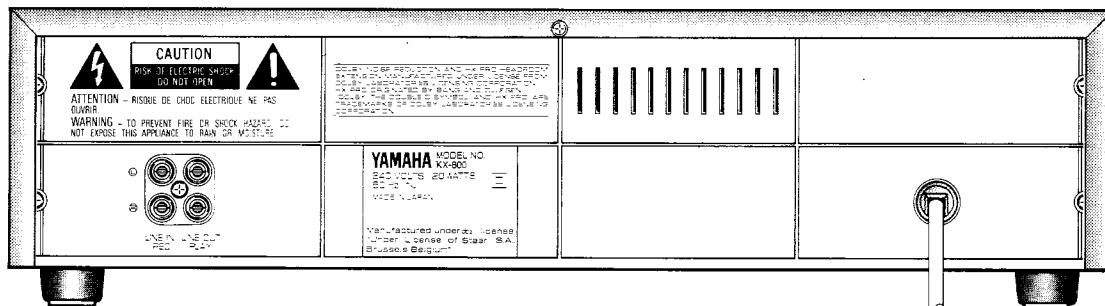


REAR PANELS

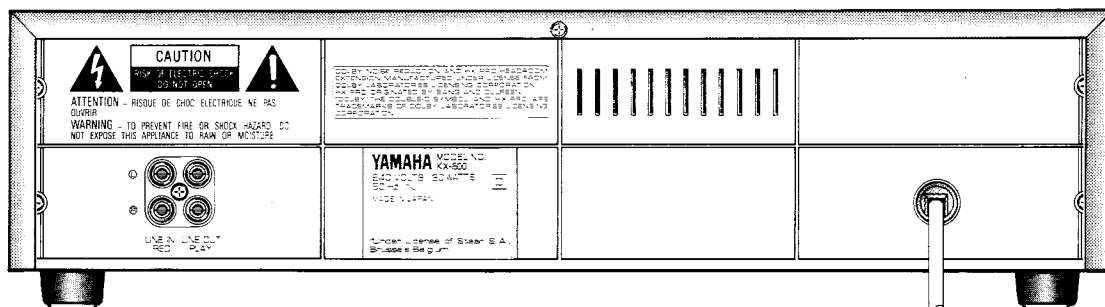
• U, C models



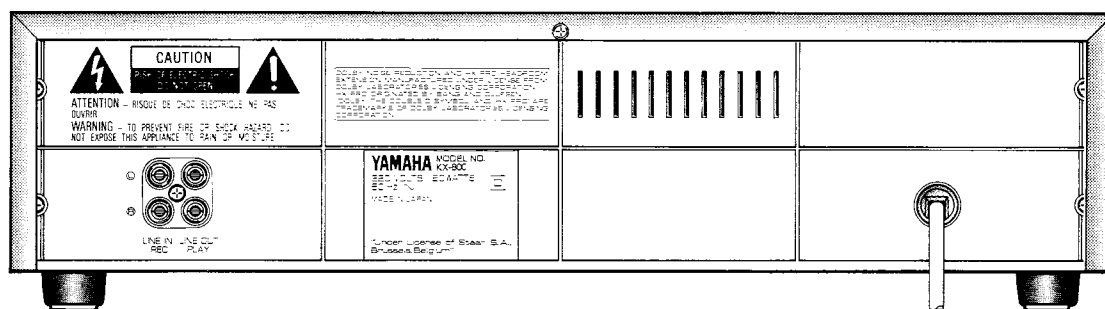
• A model



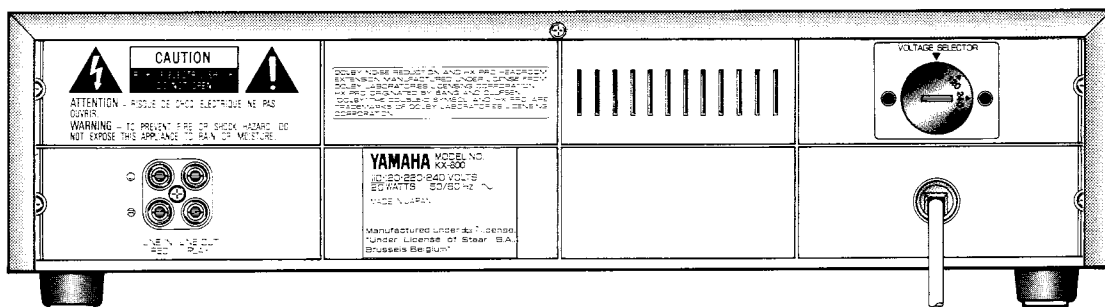
• B model



• G model



• R model



KX-800/800U

■ SPECIFICATIONS

Track Configuration	4 track, 2 channel stereo
Motor	DC servo motor (capstan) Flat torque DC motor (reel) DC motor (assist)
Heads	Combination, Amorphous with 12-laminated core Rec and Playback heads, Double-gap Ferrite erase head
Rapid Transport (F, Fwd/Rew)	70 sec. (C-60)
Wow and Flutter WRMS W. Peak	less than 0.05% less than ±0.08%
Signal-to-Noise Ratio Dolby NR off Dolby B, NR on Dolby C, NR on dbx on	better than 61dB better than 69dB better than 77dB 90dB (U,C,R,A)
Frequency Response Normal tape (-20dB) CrO ₂ tape (-20dB) Metal tape (-20dB)	20–18,000Hz, ±3dB 20–20,000Hz, ±3dB 20–22,000Hz, ±3dB
Harmonic Distortion Normal tape Chrome tape Metal tape	less than 0.5% less than 0.5% less than 0.5%
Input Sensitivity/Impedance Line	50mV/30k-ohms

Output Level

Line	360mV/1.2k-ohm
Phones	1.2mW/8ohms

Channel Separation (3150Hz) 40dB

Cross Talk (125Hz) 55dB

GENERAL

Power Supplies

U, C models	120V, 60Hz
G models	220V, 50Hz
A, B models	240V, 50Hz
R models	110/120/220/240V, 50/60Hz

Power Consumption 20W

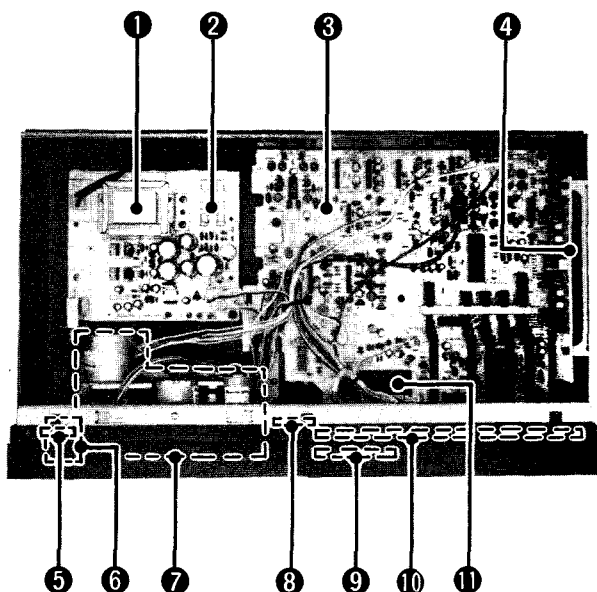
Dimensions (WxHxD) 435x117x273mm
(17-1/8"x4-5/8"x10-3/4")

Weight 4.8kg (10 lbs, 9oz.)

Specifications subject to change without notice.

(U)	U.S.A. model
(C)	Canadian model
(A)	Australian model
(G)	European model
(B)	British model
(R)	Other model

■ INTERNAL VIEW



- ① POWER TRANSFORMER
- ② POWER TRANSFORMER UNIT
- ③ MAIN CIRCUIT BOARD (1)
- ④ MAIN CIRCUIT BOARD (7)
- ⑤ MAIN CIRCUIT BOARD (6)
- ⑥ MAIN CIRCUIT BOARD (5)
- ⑦ CASSETTE MECHANISM UNIT
- ⑧ MAIN CIRCUIT BOARD (3)
- ⑨ MAIN CIRCUIT BOARD (4)
- ⑩ MAIN CIRCUIT BOARD (2)
- ⑪ 4-bit μ -COM: LC6554H-3451

■ **DISASSEMBLY PROCEDURES** (Remove parts in disassembly order as numbered)

1. Removal of top Cover

Remove 5 screws (①) in Fig. 1.

2. Removal of front panel

- Pull off 5 knobs in Fig. 1.
- Detach 9 connectors (#6, #9 ~ #14, #17, #18) in Fig. 3.
- Remove 8 screws (②) then pull off front panel in Fig. 1.

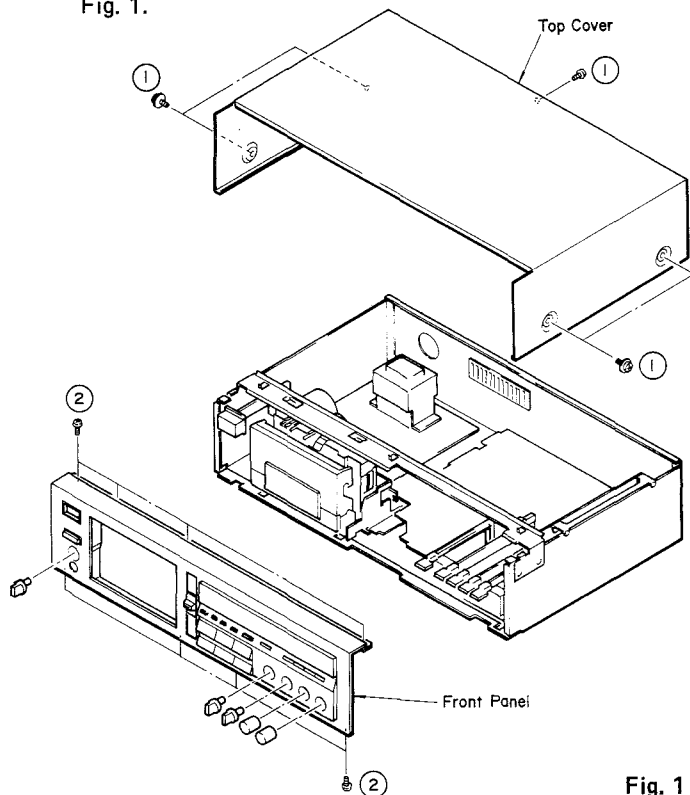


Fig. 1

3. Removal of cassette mechanism unit

- Remove lid in Fig. 2.
- Detach 7 connectors (#1 ~ #5, #8, #15) in Fig. 3.
- Remove 6 screws (④) in fig. 2, then slide off cassette mechanism unit backward gently.

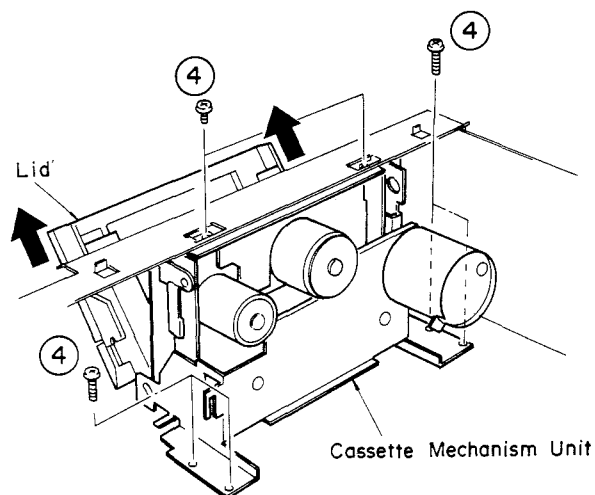
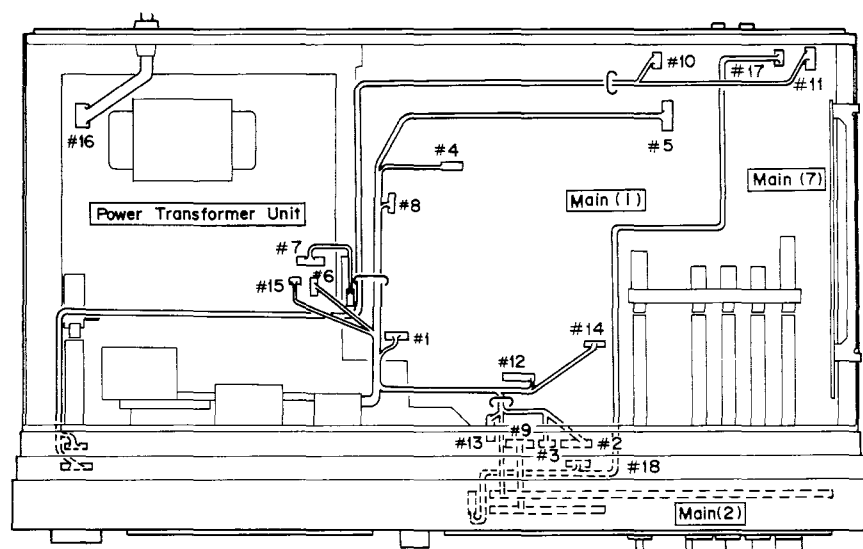


Fig. 2

● **CONNECTOR WIRING**

Note: Connect the connectors correctly referring to Fig. 3 to prevent malfunction.



Be careful to keep wire #11 away from wire #5.

Fig. 3

4. Replacement of cassette mechanism parts

- a. Remove 1 screw (5) in Fig. 4, then remove the blind plate.

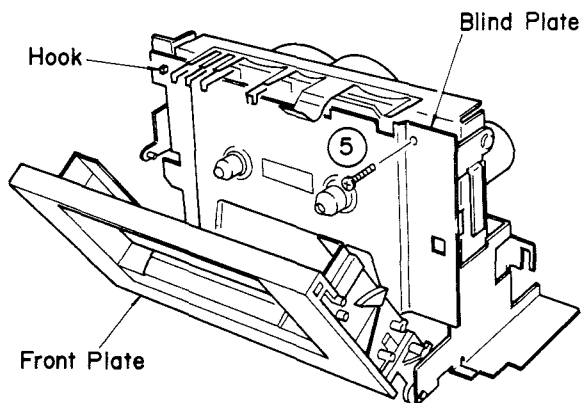


Fig. 4

- b. Remove 2 screws (6) in Fig. 5 then replace the REC/PB head.
- c. Remove the 2 screws (7) in Fig. 5 then replace the ERASE head.
- d. Remove the E ring (8) and spring (9) in Fig. 5 then replace the pinch roller.

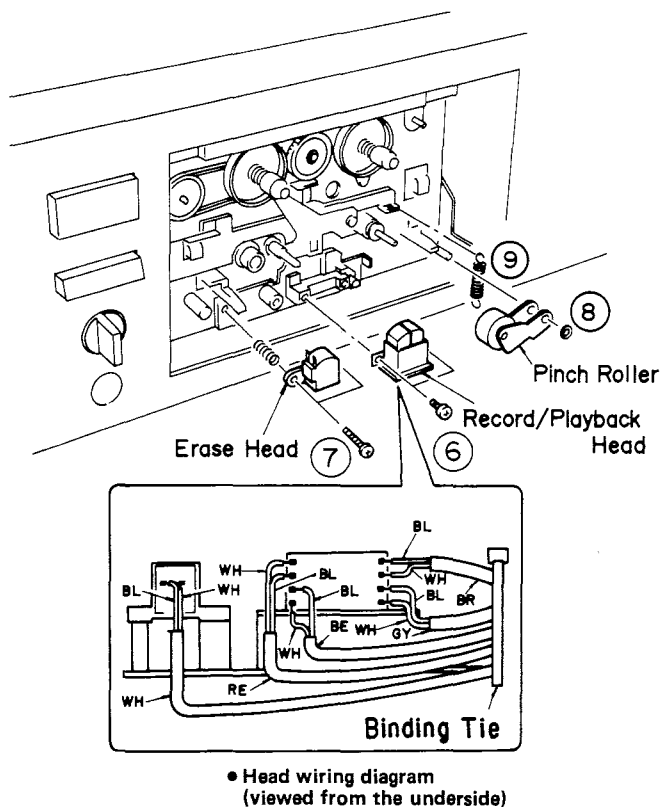
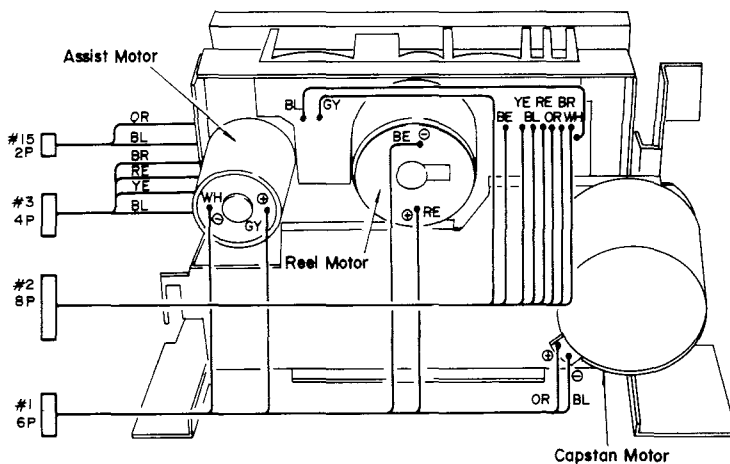


Fig. 5

• WIRING OF MECHANISM UNIT



5. Replacement of capstan motor

- a. Remove 2 screws (10) in Fig. 6, then remove the back plate.

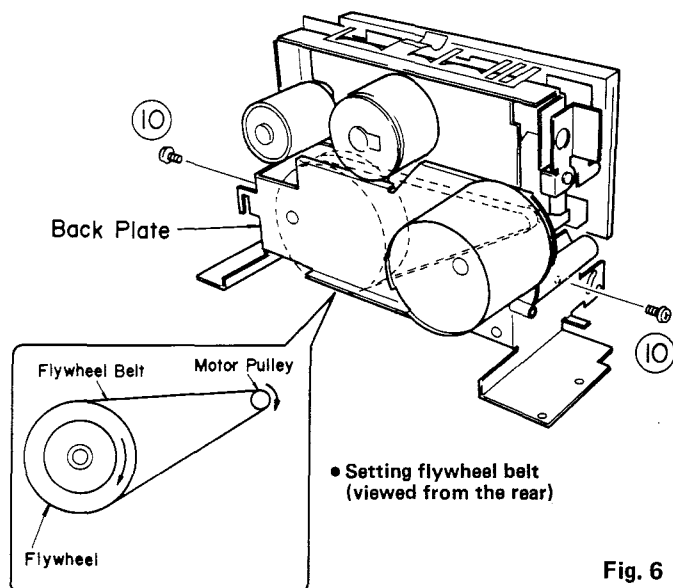


Fig. 6

- b. Remove 2 screws (11) in Fig. 8, then replace the capstan motor.

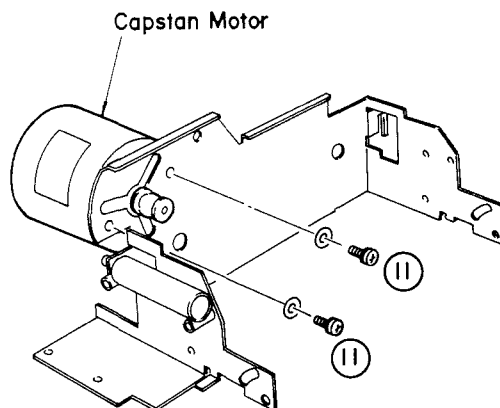


Fig. 8

6. Replacement of reel motor

- a. Remove the washer (12), then remove the reel base as shown in Fig. 9.
- b. Remove the back plate (Refer to Fig. 6.)
- c. Remove the poly-slider washer (13) in Fig.9 and remove the flywheel.

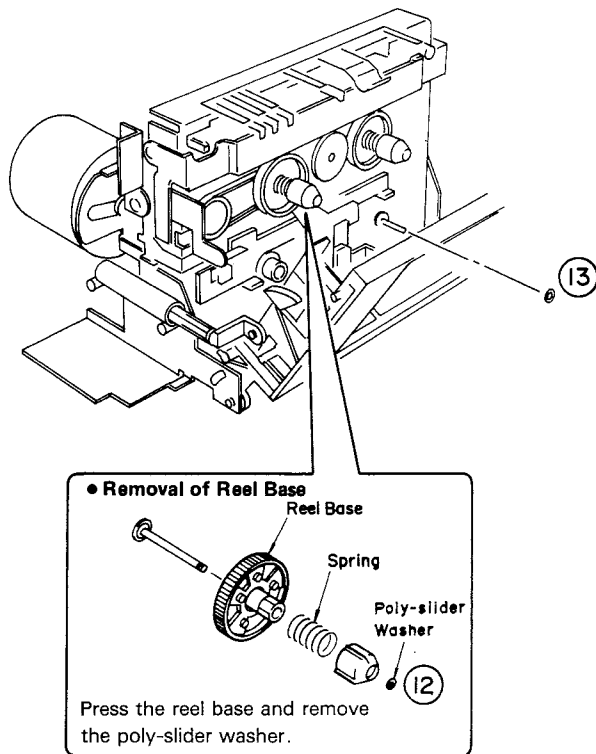


Fig. 9

7. Replacement of assist motor

- a. Remove 2 screws (15) in Fig. 11 and replace the assist motor.

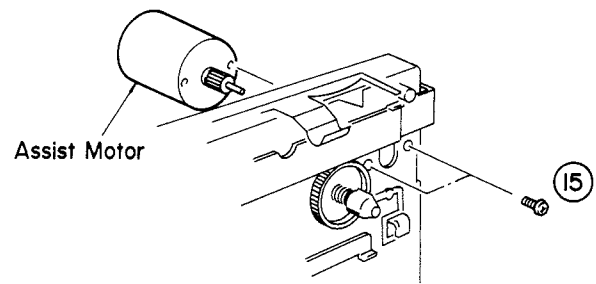


Fig. 11

- d. Remove 2 screws (14) in Fig. 10 and replace the reel motor.

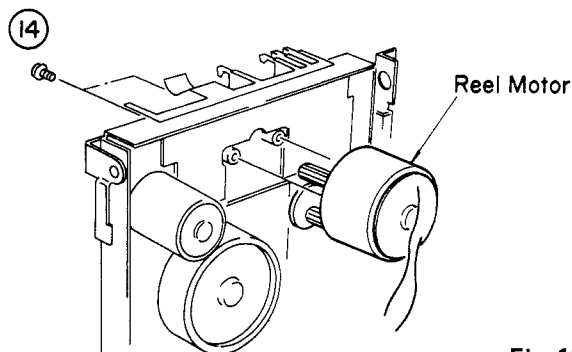


Fig. 10

ADJUSTMENTS

1. Before adjustment:

- Since head magnetization, dust accumulations, etc. are likely to introduce error in the various characteristics, it is very important that the heads are properly demagnetized and cleaned.

2. Instruments required

- Audio frequency oscillator (AF OSC)
- ACVM or dual channel ACVM
- Wow/flutter meter
- Oscilloscope
- Torque meter
 - TW-2111 (TX911580)
 - CT160L (TX911120)
- DCVM

3. Test tape required

- MTT-111N (TX911650): Tape Speed
- MTT-114N (TX911680): Azimuth
- MTT-212CN (TX911670)
- MTT-256U (TX911620)
- MTT-356U (TX911610)
- Reference tape
 - Normal (LH): TDK AD-60 or TDK AC223 (TX911600)
 - CrO₂: TDK SA-60 or TDK AC513 (TX911750)
 - METAL: TDK MA-60 or TDK AC712 (TX911590)

MECHANICAL ADJUSTMENT

Step	Item to be Adjusted	Taps	Instrument required	Mode	Adjustment part	Rating	Remarks
1	Check each torque		Torque meter			Take-up torque: 35~55g-cm FF, REW torque: more than 70g-cm Back tension: 4~7g-cm	
2	Check FF and REW times	AC-513				Normal: Less than 85 seconds High speed: Less than 55 seconds	
3	Tape speed	MTT-111N 3kHz, -10dB	Wow/flutter meter or Frequency counter	PLAY	Semi fixed variable resistor at the back of the capstan motor. (Fig. B)	3000 ⁺⁵ Hz -15Hz	*Perform adjustment at the center of the test tape length if possible.
4	Azimuth	MTT-114N 10kHz, -10dB	ACVM Oscilloscope	PLAY	Azimuth adjustment screw. (Fig. A)	Playback output of L and R is maximum and phase difference should be minimum.	After the adjustment, make sure to apply screw lock paint.
5	Wow/flutter	MTT-111N 3kHz, -10dB	Wow/flutter meter	PLAY		Less than 0.07% (JIS W. RMS)	

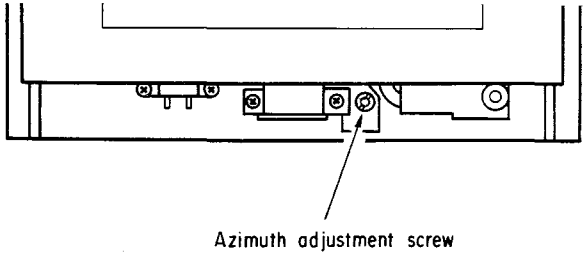


Fig. A.

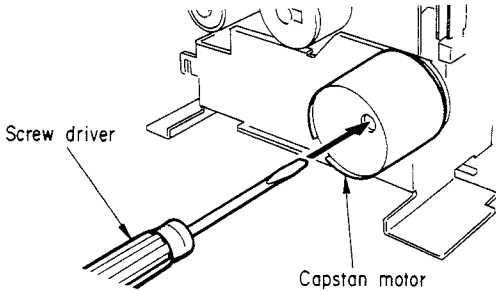


Fig. B.

ELECTRICAL ADJUSTMENTS

<PLAYBACK ADJUSTMENTS>

* Use 360mV (−9dBV) for 0dB as the standard level of this unit.

• Proceed with the playback adjustments after having finished the mechanical adjustments.

Step	Adjustment item	Tape	Point of Measurement	Instrument Required	Mode	Adjustment Part	Rating
1	Playback level	MTT-212CN 315Hz 160nwb/m	LINE OUT	A.C.V.M. (AC Volt/dB Meter)	PB	VR1 (L) VR2 (R)	360 ± 25mV (−9.0 ± 1dBV)
2	Playback frequency response confirmation	MTT-356U (3180 + 70μs) MTT-256U (3180 + 120μs)	LINE OUT	A.C.V.M.	PB		Frequency response should be within specification in Fig. C.
3	dbx Timing		TP5 ~ TP7 TP6 ~ TP7	D.C.V.M.	STOP	VR17 VR18	18.4 ± 0.5mV D.C.

● PLAYBACK FREQUENCY RESPONSE

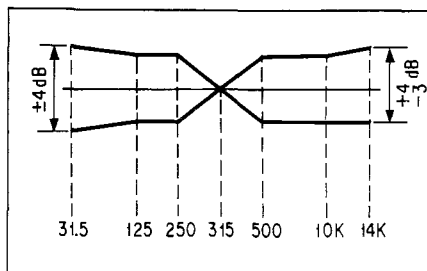


Fig. C.

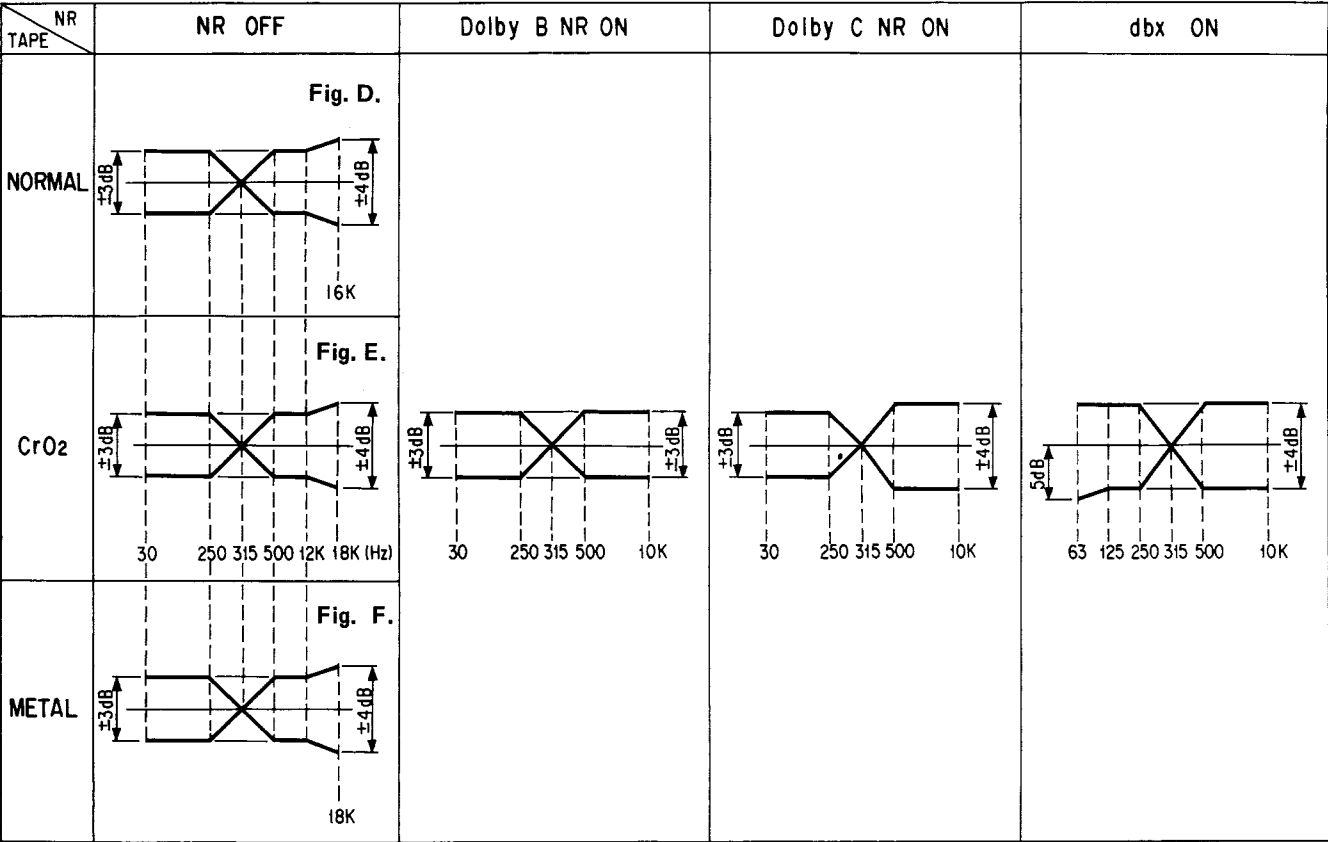
<RECORDING ADJUSTMENT>

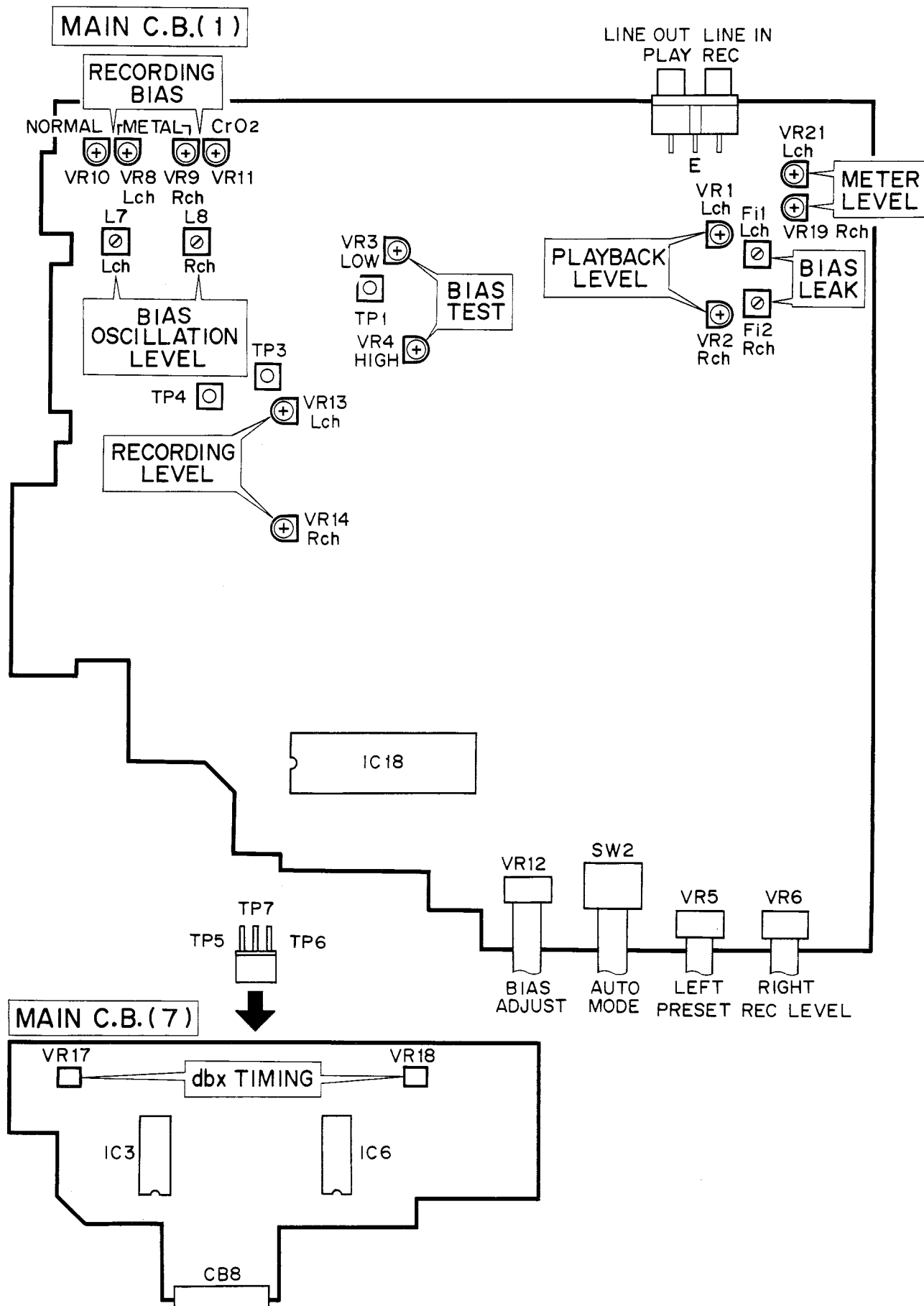
- Proceed with the recording adjustments after having finished the playback adjustments.

Step	Adjustment Item	Tape	Test Point	Instrument Required	Mode	Measurement Conditions	Adjustment Parts	Rating	Remarks
1	Peak Level Meter (0dB)		LINE OUT LINE IN	A.C.V.M. Audio frequency oscillator	SOURCE	Apply a 1kHz sine wave signal from LINE IN so that LINE OUT voltage is 360mV (-9dBV).	VR21 (L) VR19 (R)	0dB segment (red) should light.	When MASTER FADER is decreased L and R segments around 0dB should fade out almost simultaneously.
2	BIAS Oscillation Level	AC-712	TP3-E TP4-E	A.C.V.M.	REC	BIAS ADJUST → Maximum	L7 (L) L8 (R)	Adjust so that oscillation output is maximum.	
3	BIAS Leak (PB Amp)	AC-712	LINE OUT	A.C.V.M.	REC TAPE	With no signal applied (REC at minimum), set BIAS ADJUST to maximum and measure bias leak at LINE OUT when recording and monitoring simultaneously (TAPE mode) by using a metal tape.	Fi 1 (L) Fi 2 (R)		Adjust so as to minimize bias leak.
4	Recording Level (Through)	AC-513 INPUT SIGNAL (315Hz, -20dB)	LINE OUT LINE IN	A.C.V.M. Audio frequency oscillator	REC TAPE NR → OFF	Apply a 315Hz sine wave signal from LINE IN so that LINE OUT voltage is 36mV (-29dBV).	VR13 (L) VR14 (R)	±0.5dB	The reference tape of this unit is AC-513 (equivalent to SA). If other tape is used, slight difference in level results.
5	Recording BIAS (METAL)	AC-712 INPUT SIGNAL (315Hz, 10kHz, -20dB)	LINE OUT	A.C.V.M.	REC TAPE	① Record and playback a 315Hz (-20dB) signal and read the level. ② Record and playback a 10kHz (-20dB) signal and adjust so that the same level as the above ① level is obtained.	VR8 (L) VR9 (R)	Frequency response should satisfy Fig. F.	
6	Recording BIAS (CrO ₂)	AC-513 INPUT SIGNAL (315Hz, 10kHz, -20dB)	LINE OUT	A.C.V.M.	REC TAPE NR → OFF	① Confirm the 315Hz record/playback level (Step 4). ② Record and playback a 10kHz (-20dB) signal and adjust so that the same level as the above ① level is obtained.	VR11	Frequency response should satisfy Fig. E.	As ORBit signal is 315Hz and 10kHz, use a 315Hz signal and a 10kHz one when adjusting recording/playback frequency response and confirm that each rating is satisfied. If other frequency is used for adjustment. Bias indicator may indicate an error.

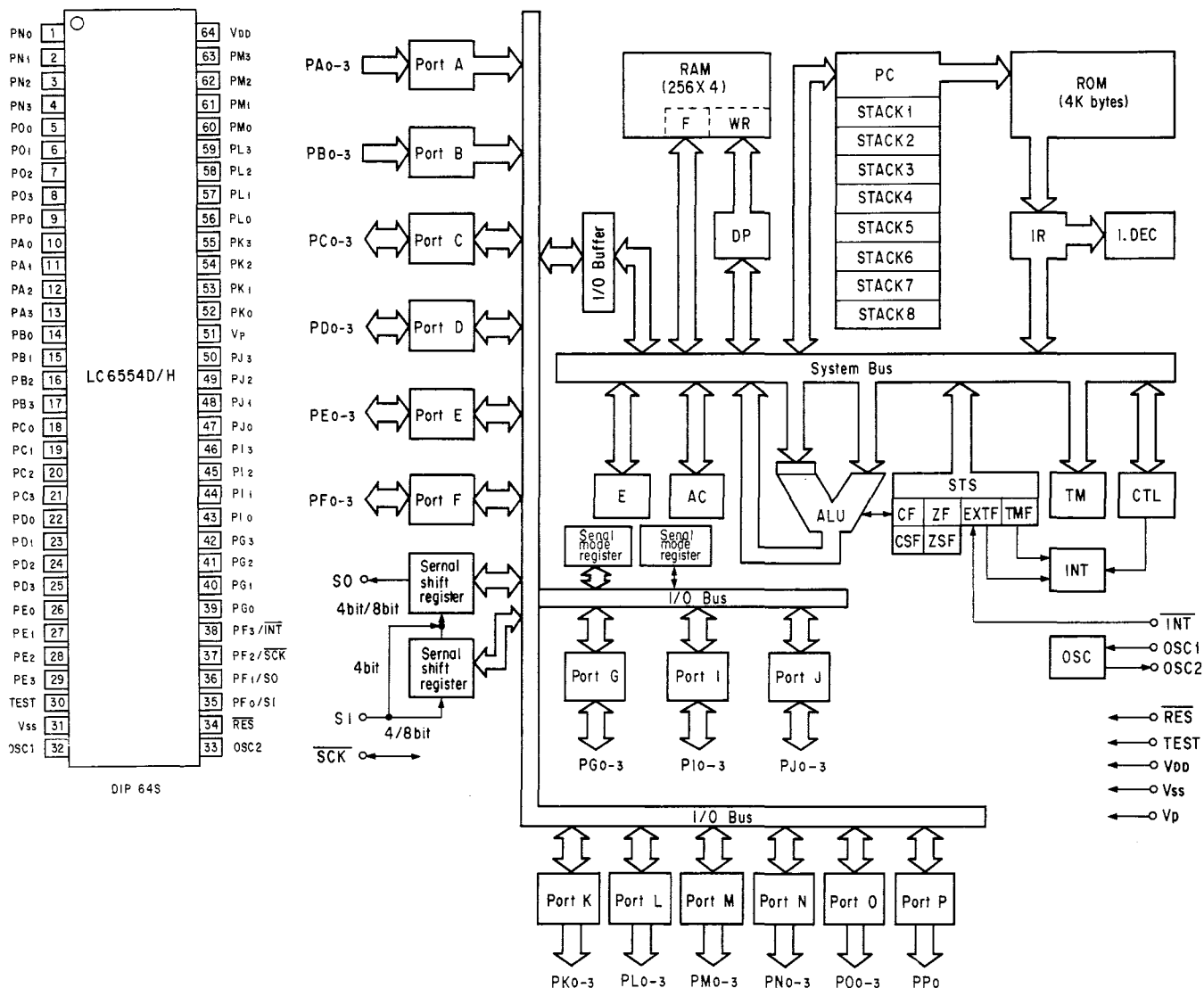
Step	Adjustment Item	Tape	Test Point	Instrument Required	Mode	Measurement Conditions	Adjustment Parts	Rating	Remarks
7	Recording BIAS (Normal)	AC-223 INPUT SIGNAL (315Hz, 10kHz, -20dB)	LINE OUT	A.C.V.M.	REC TAPE	① Record and playback a 315Hz (-20dB) signal and read the level. (A slight difference results as record/playback level of this unit is set to AC-513.) ② Apply a 10kHz signal from LINE IN so that LINE OUT voltage is 36mV (-29dBV: voltage 20dB lower than the standard level) ③ Record the signal and adjust so that the same level as the above ① level is obtained.	VR10	Frequency response should satisfy Fig. D.	As ORBit signal is 315Hz and 10kHz, use a 315Hz signal and a 10kHz one when adjusting recording/playback frequency response and confirm that each rating is satisfied. If other frequency is used for adjustment. Bias indicator may indicate an error.
			LINE IN	Audio frequency osillator					
8	BIAS Test (LOW)	AC-223	TP1-E	A.C.V.M.	BIAS TEST ON REC BIAS ADJ VR Center	Set NORMAL (AC-223) and perform BIAS TEST.	VR3	20 ± 5mV	Each adjustment in Steps 4~6 should be completed. Confirm adjustment is made within ±2 graduation when BIAS TEST is performed with other tape (AC-513, 712).
	BIAS Test (High)		BIAS indicator				VR4	▶▶ should light.	

● RECORDING FREQUENCY RESPONSE



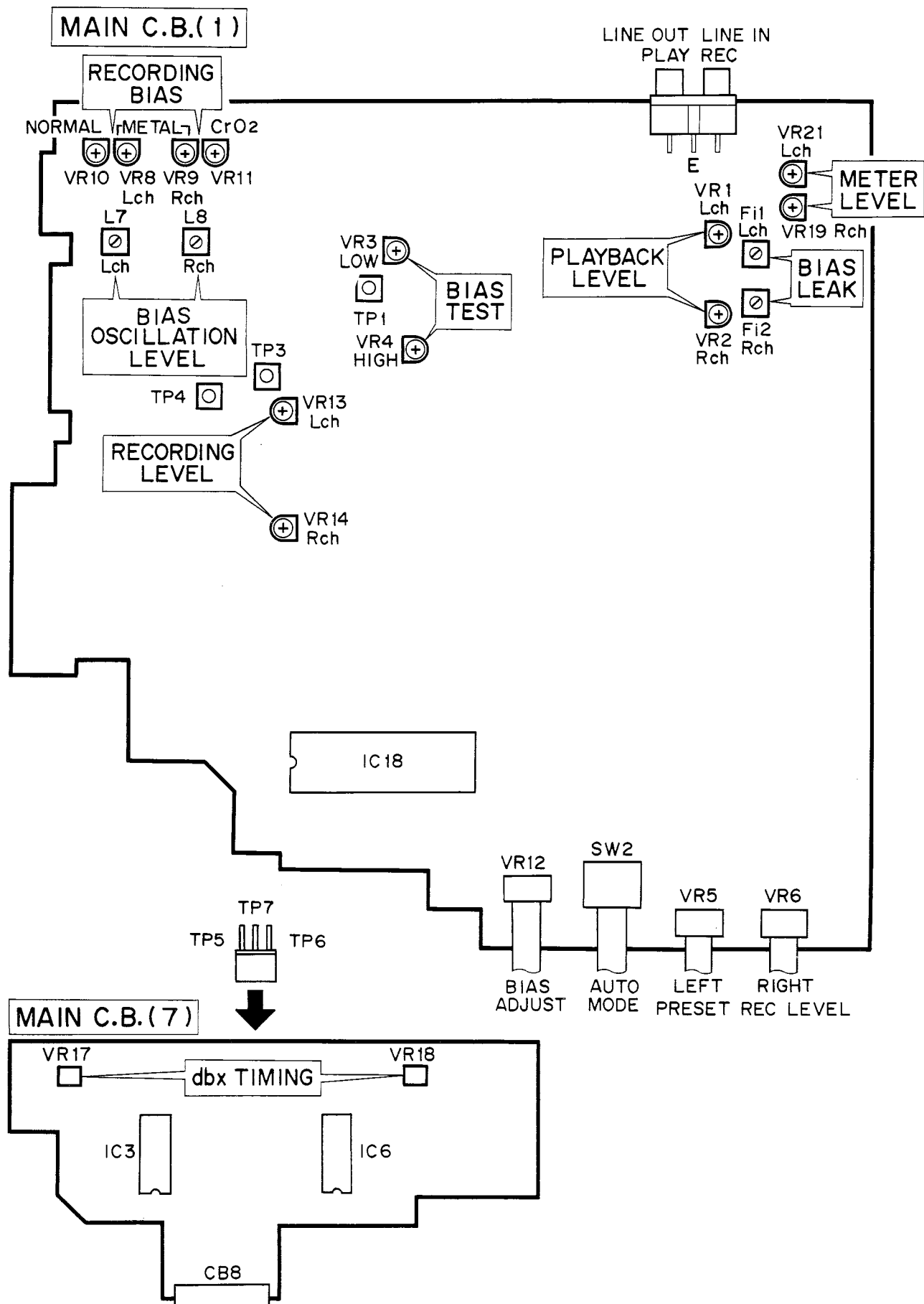


IC 18:LC6554H-3451(4-bit μ -COM)



RAM : Data memory	STS : Status register
F : Flag	ROM : Program memory
WR : Working register	PC : Program counter
AC : Accumulator	INT : Interrupt control
ALU : Arithmetic and logic unit	IR : Instruction register
DP : Data pointer	I.DEC : Instruction decoder
E : E register	CF, CSF : Carry flag, carry save flag
CTL : Control register	ZF, ZSF : Zero flag, zero save flag
OSC : Oscillator	EXTF : External interrupt request
TM : Timer	TMF : Internal interrupt request

Note) Pins SI, SO, SCK, INT are commonly used with PF0, PF1, PF2 and PF3 respectively.



• TERMINAL DESCRIPTION

NO.	NAME	FUNCTION	NO.	NAME	FUNCTION
1	N ₀	LINE MUTE	64	V _{DD}	+5
2	N ₁	REC MUTE	63	M ₃	DISPLAY DIGIT OUTPUT G₁ G₂ G₃ G₄
3	N ₂	} REEL MOTOR CONTORL	62	M ₂	
4	N ₃		61	M ₁	
5	O ₀	NORMAL CrO₂ METAL } TAPE	60	M ₀	
6	O ₁		59	L ₃	 a, TAPE b, FULL REPEAT c, O-M REPEAT d, MEMORY e, < f, > g, BIAS [] h, PROG, REMAIN, REC, TEST
7	O ₂		58	L ₂	
8	O ₃	SEGMENT i, -, MIN, ·, SEC, IIIII	57	L ₁	
9	P ₀	DISPLAY (DOT) G ₅	56	L ₀	
10	A ₀	INPUT KEY • PLAY • REC/PAUSE • FF • REW • MUTE/SEARCH • STOP • RESET • MEMORY	55	K ₃	
11	A ₁		54	K ₂	
12	A ₂		53	K ₁	
13	A ₃		52	K ₀	
14	B ₀		51	VP	-23V
15	B ₁		50	J ₃	BIAS
16	B ₂		49	J ₂	MONITOR
17	B ₃		48	J ₁	INPUT KEY • REMAIN • TAPE
18	C ₀	MECHANISM POSITION SW (0) (1) (2)	47	J ₀	
19	C ₁		46	I ₃	ASSIST MOTOR CONTROL
20	C ₂		45	I ₂	
21	C ₃	INPUT KEY • MONITOR	44	I ₁	REEL MOTOR CONTROL (REW) (FF)
22	D ₀	CrO ₂ DTC.	43	I ₀	
23	D ₁	METAL DTC.	42	G ₃	ROTATION DTC. (S) CASSETTE MECHANISM
24	D ₂	ERASURE PROTECTION	41	G ₂	
25	D ₃	CASSETTE HALF	40	G ₁	MUSIC PULSE
26	E ₀	MODE • FULL REPEAT • O-M REPEAT • TIMER PLAY • TIMER REC	39	G ₀	REMOTE INPUT
27	E ₁		38	F ₃	POWER OFF
28	E ₂		37	F ₂	ORBIT • TEST KEY • TEST LOW • TEST HIGH
29	E ₃		36	F ₁	
30	TEST	GND	35	F ₀	
31	V _{SS}	GND	34	RES	RESET
32	OSC1	CLOCK	33	OSC2	CLOCK

• MODE VS OUTPUT

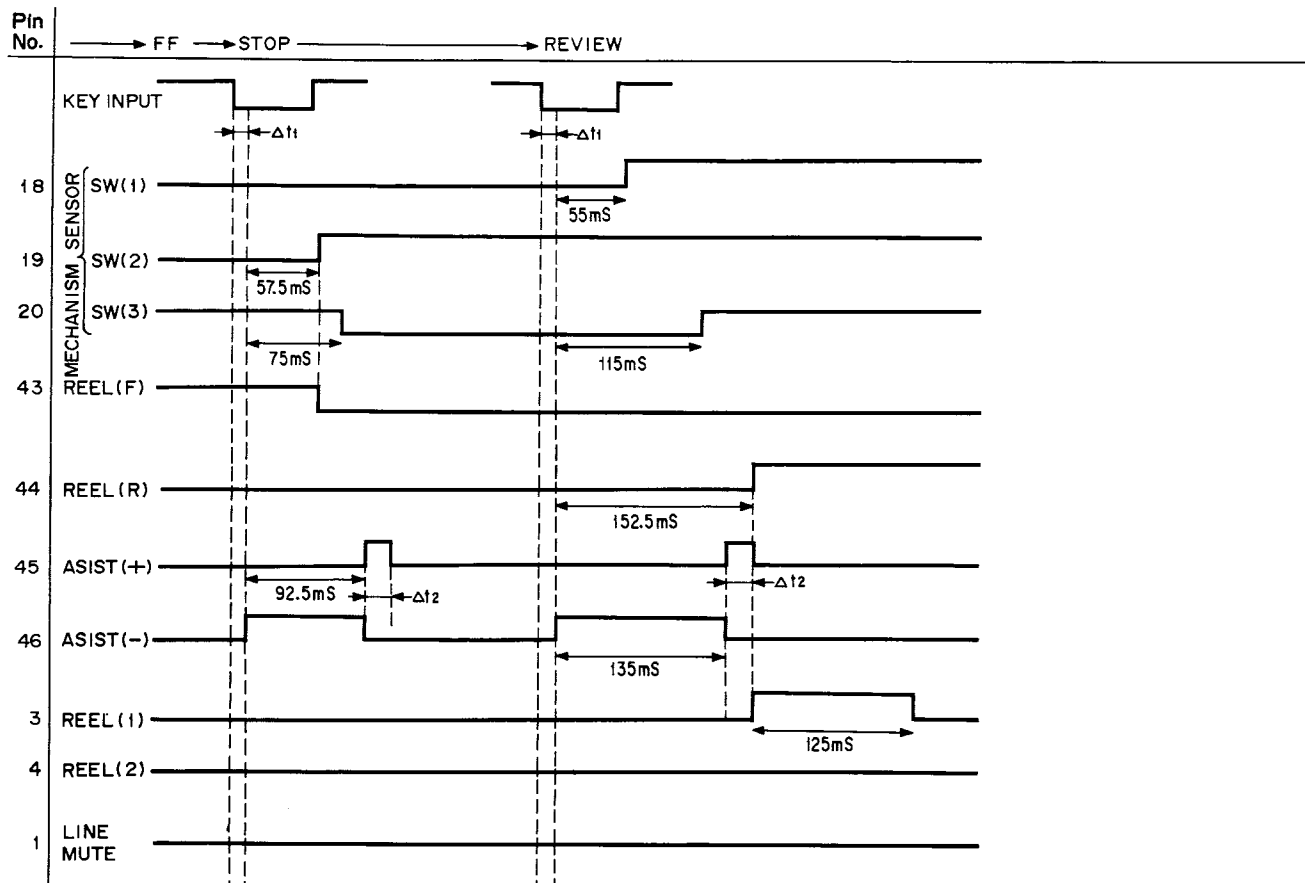
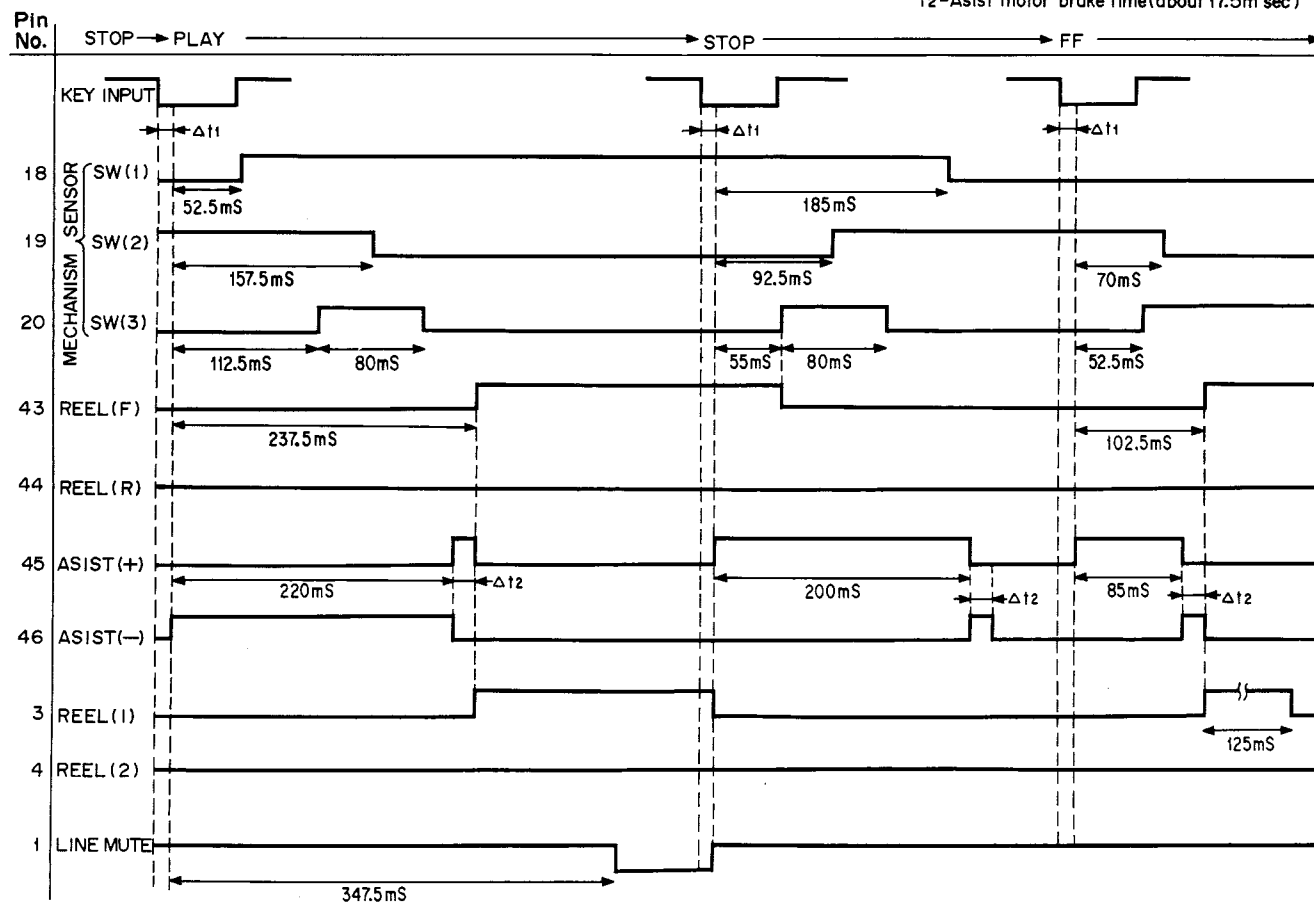
TERMINAL	NAME	STOP	FF	FF (HIGH SPEED)	REW	REW (HIGH SPEED)	PLAY	REC/ PAUSE	REC/ PLAY	CUE	REVIEW
J ₃ , 50	BIAS	L	L	L	L	L	L	L	H	L	L
N ₁ , 2	REC MUTE	H	H	H	H	H	H	H	L	H	H
N ₀ , 1	LINE MUTE	(H)*	(H)*	(H)*	(H)*	(H)*	(L)*	(L)*	(L)*	(H)*	(H)*
J ₂ , 49	MONITOR	H—	H—	H—	H—	H—	**H	***L	***L	H—	H—
I ₁ , 44	REEL · R	L	L	L	H	H	L	L	L	L	H
I ₀ , 43	REEL · F	L	H	H	L	L	H	L	H	H	L
N ₂ , 3	REEL1	L	L	L	L	L	H	H	H	L	L
N ₃ , 4	REEL2	H	H	L	H	L	H	H	H	H	H

Note: L Low level
H High level
— Holding premode
** L changes when operation is ON
*** H changes at initial REC
* L changes when TAPE is selected
H changes when SOURCE is selected

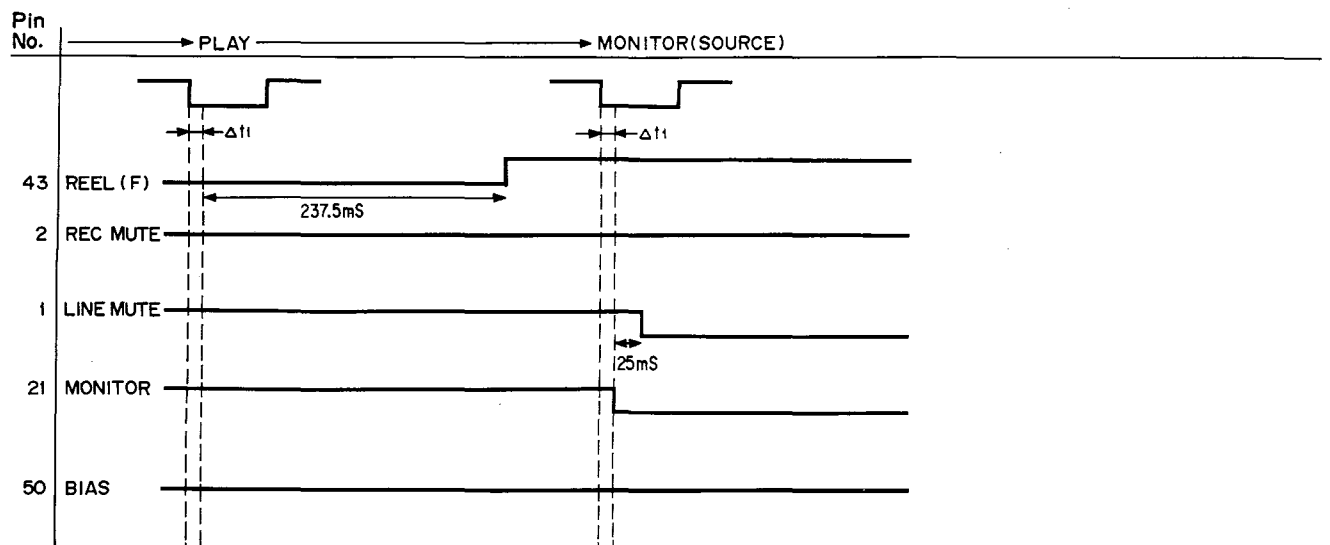
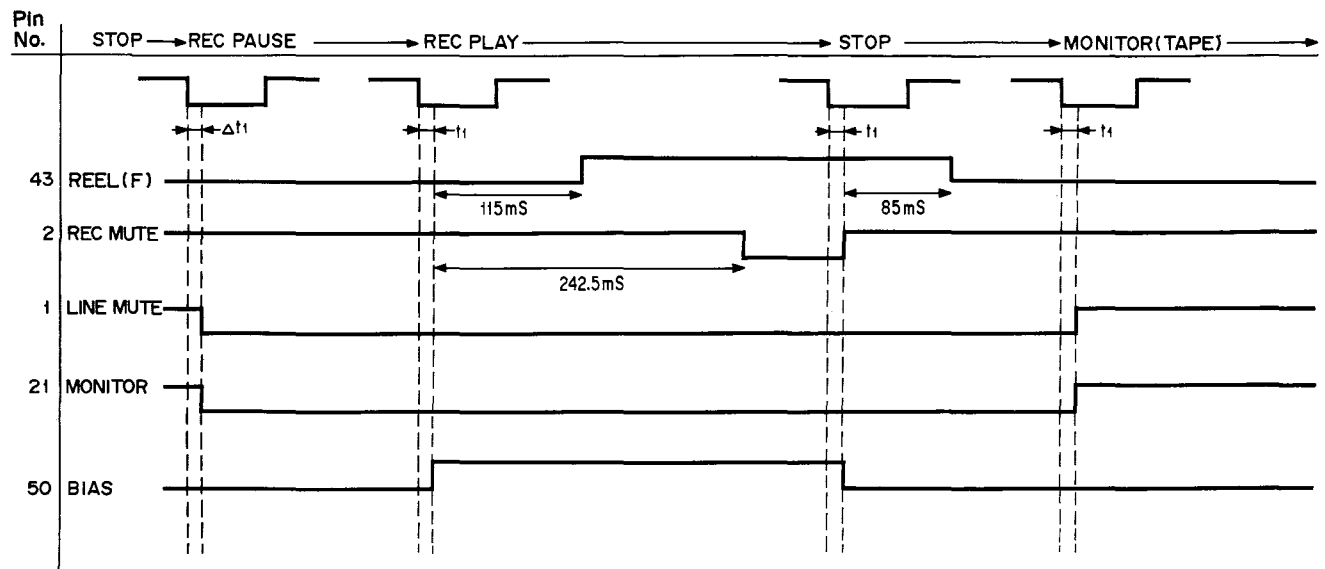
TIMING CHART

MECHANISM DRIVE TIMING (LC6554H-3451)

Note: t_1 =Delay from KEY input (about 10m sec)
 t_2 =Asist motor brake time (about 17.5m sec)

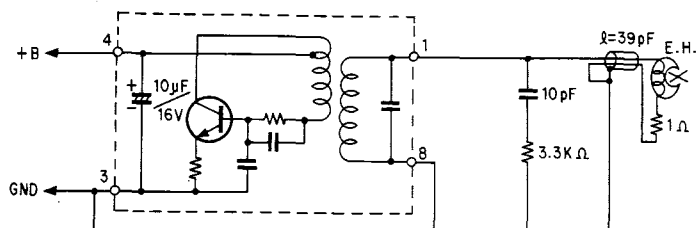


● AMP SELECTOR TIMING

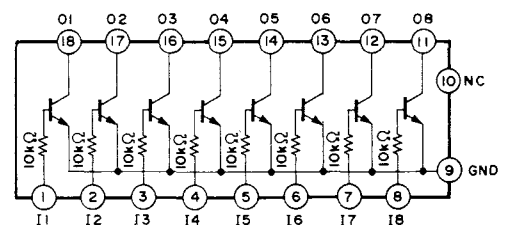


■ IC BLOCK

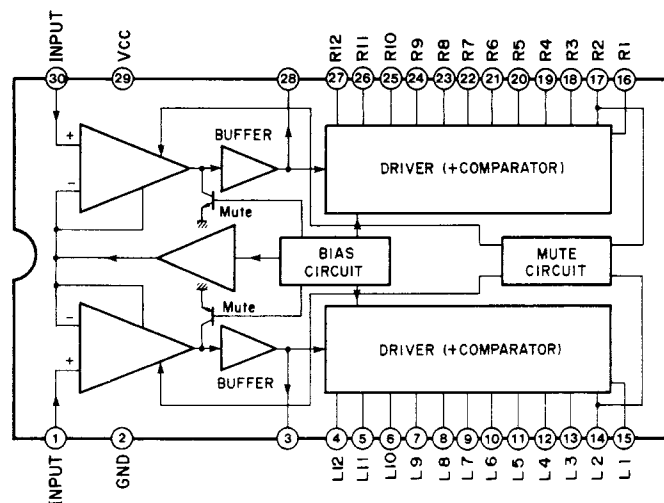
IC10: VE040700
(Bias OSC Block)



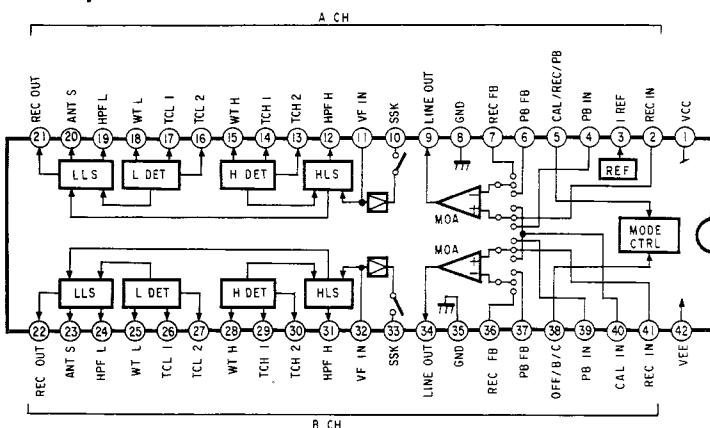
IC9: AN90B20
(Transistor Array)



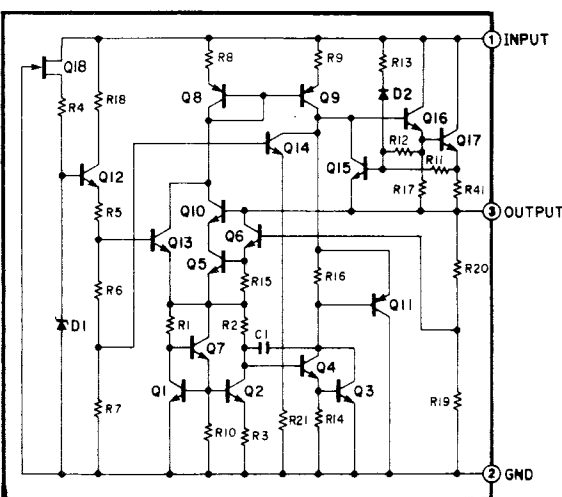
IC19: HA12067NT
(LED Driver)



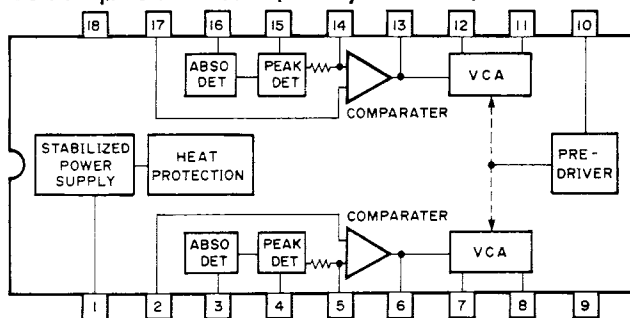
IC2, 5: CX20188
(Dolby B/C NR)



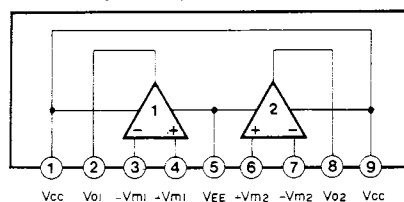
IC501: AN78M05, NJM78M05A
(Regulator)



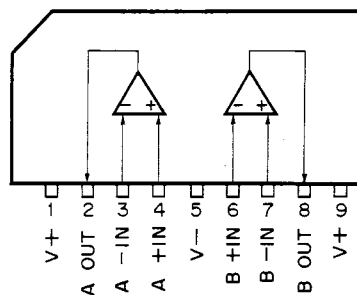
IC11: μ PC1297CA (Dolby HXPRO)



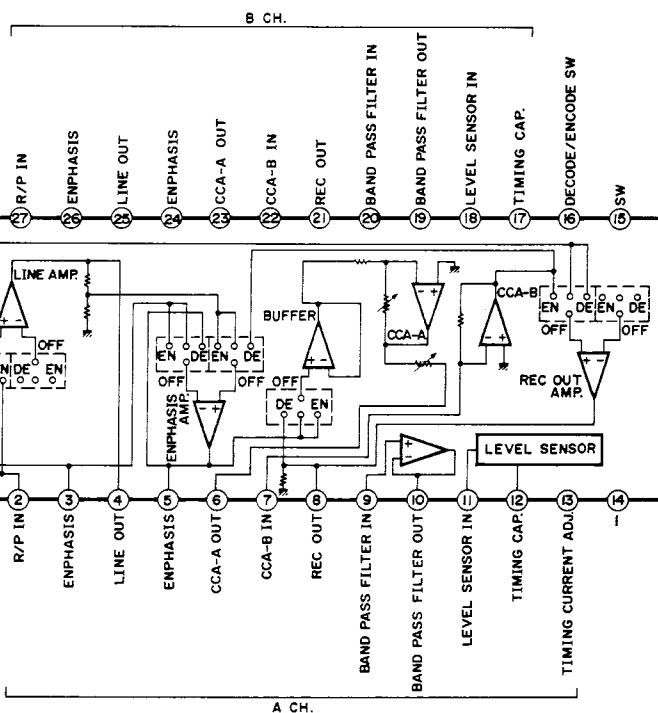
IC4, 15~17: AN6551, NJM4558S, BA715
IC7, 14, 8: NJM4556S-A
(Dual Ope-amp)



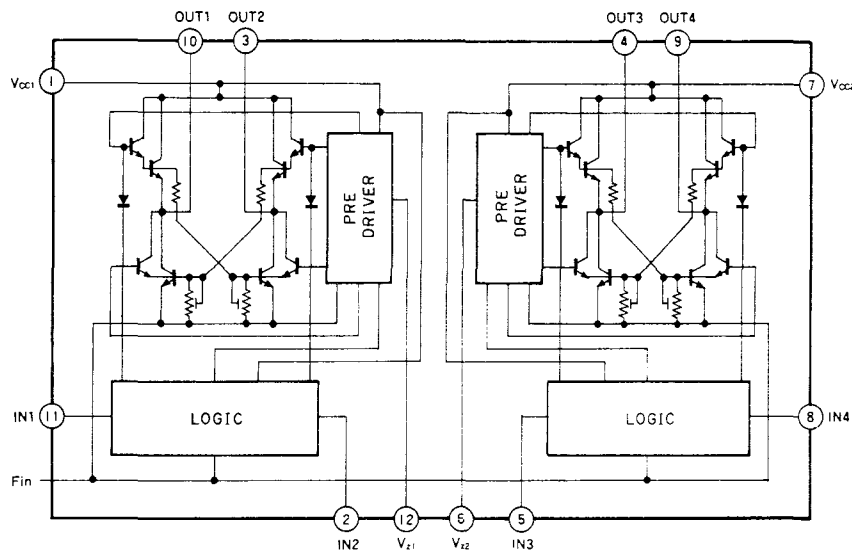
IC1: NJM2043S-D
(Pre-amp)



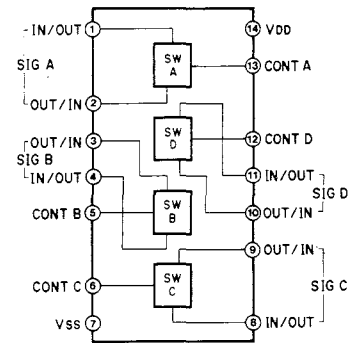
IC3, 6: AN6294NK
(Dual dbx NR)



**IC12: LB1649
(Motor Driver)**

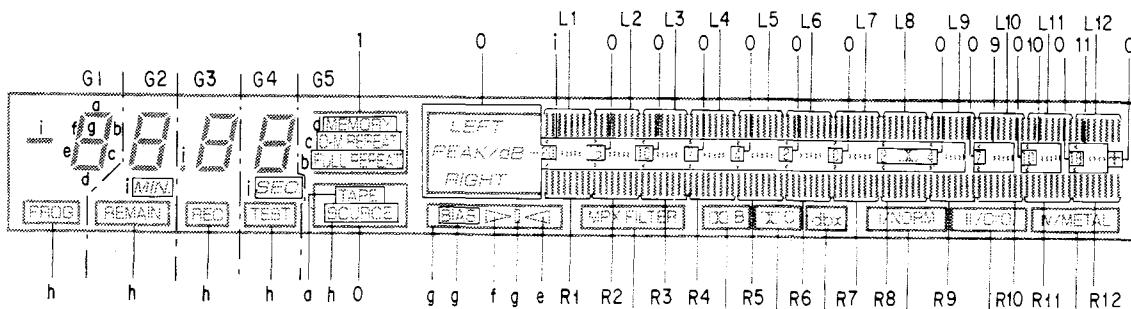


**IC13: MN4066B, μ PD4066BC,
LC4066BP, BU4066B
(Analog Switch)**

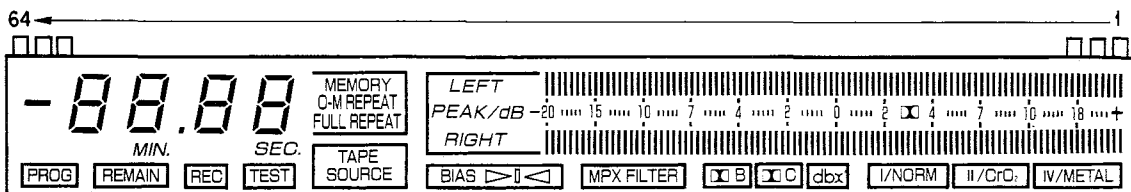
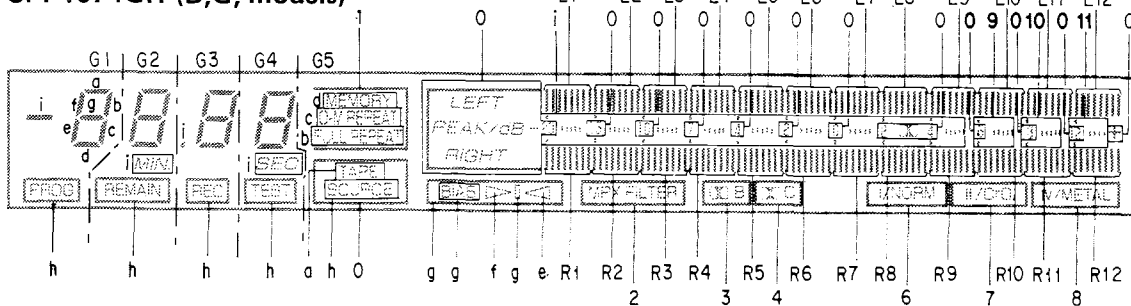


• V1 (FL Display)

CPF1073GR (U,C,R,A, models)



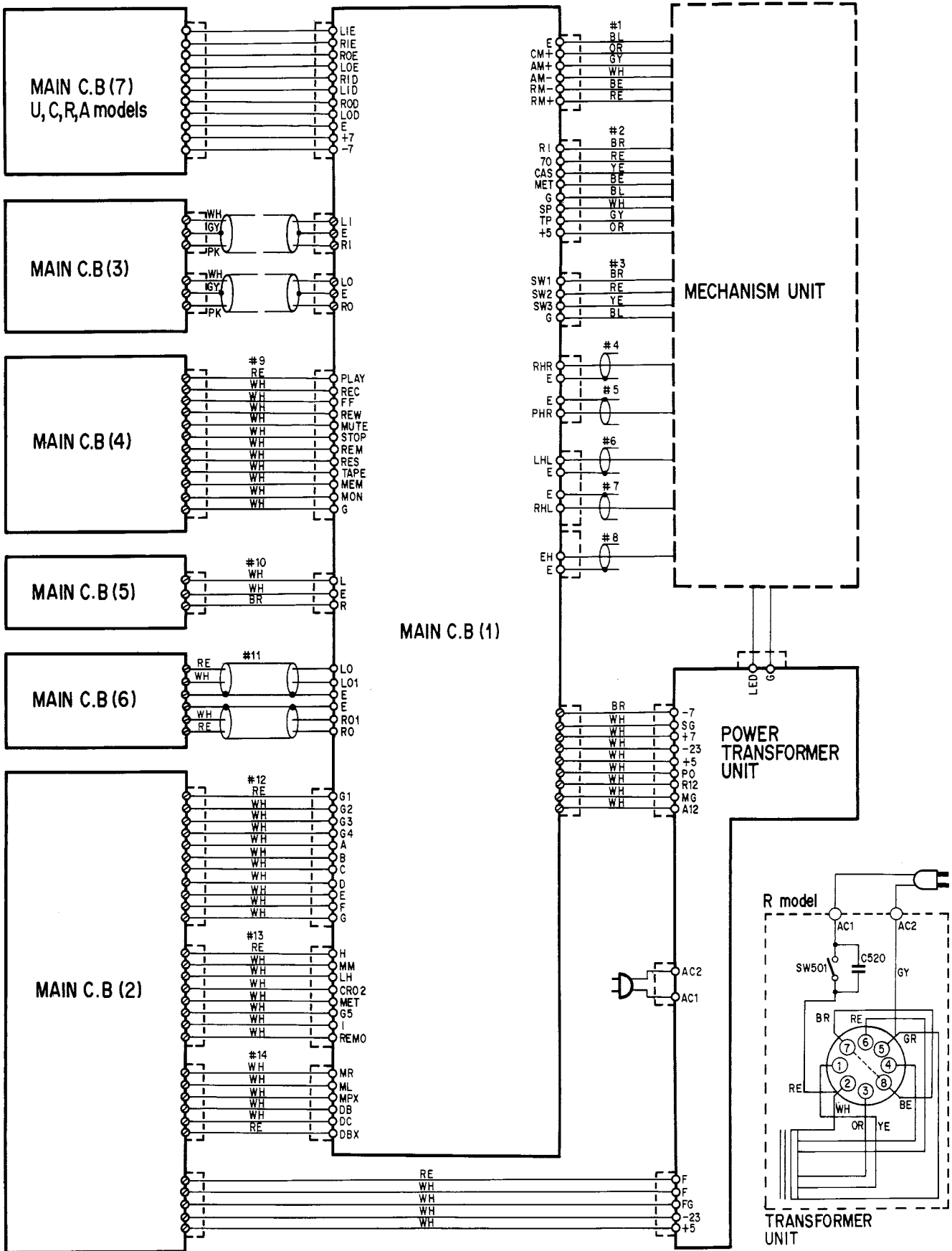
CPF1074GR (B,G, models)



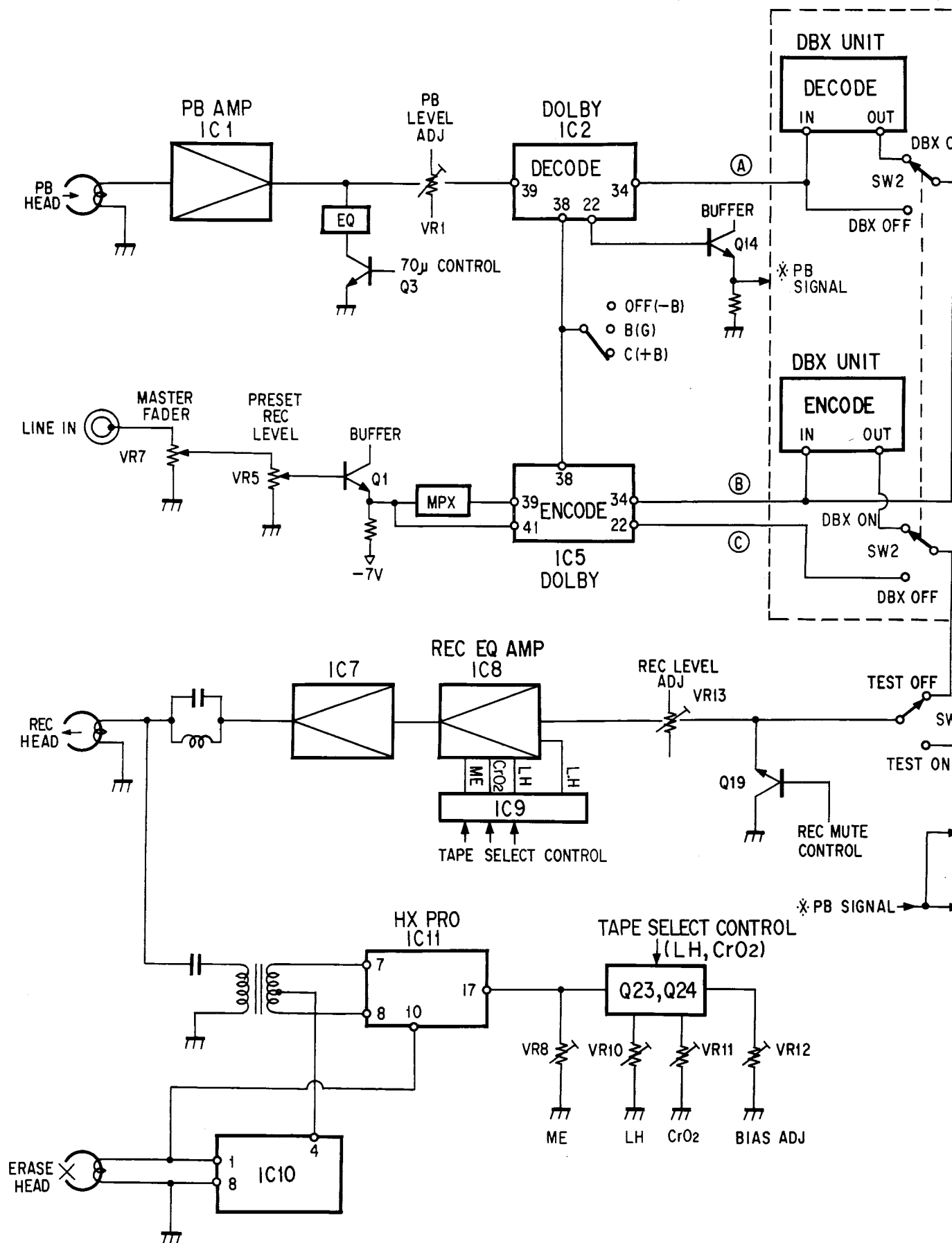
PIN ASSIGNMENT

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	F	F	F	L 12	R 12	G5	10	L 11	R 11	9	L 10	R 10	L 9	G5	R 9	L 8	R 8	L 7	R 7	L 6	R 6	G5
Pin No.	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
	L 5	R 5	L 4	R 4	L 3	R 3	L 2	G5	R 2	L 1	R 1	0	i	11	8	G5	NP	NP	7	6	5	G5
Pin No.	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64		
	I	d	e	G4	c	g	G3	b	f	G2	a	h	G1	4	3	G1	2	F	F	F		

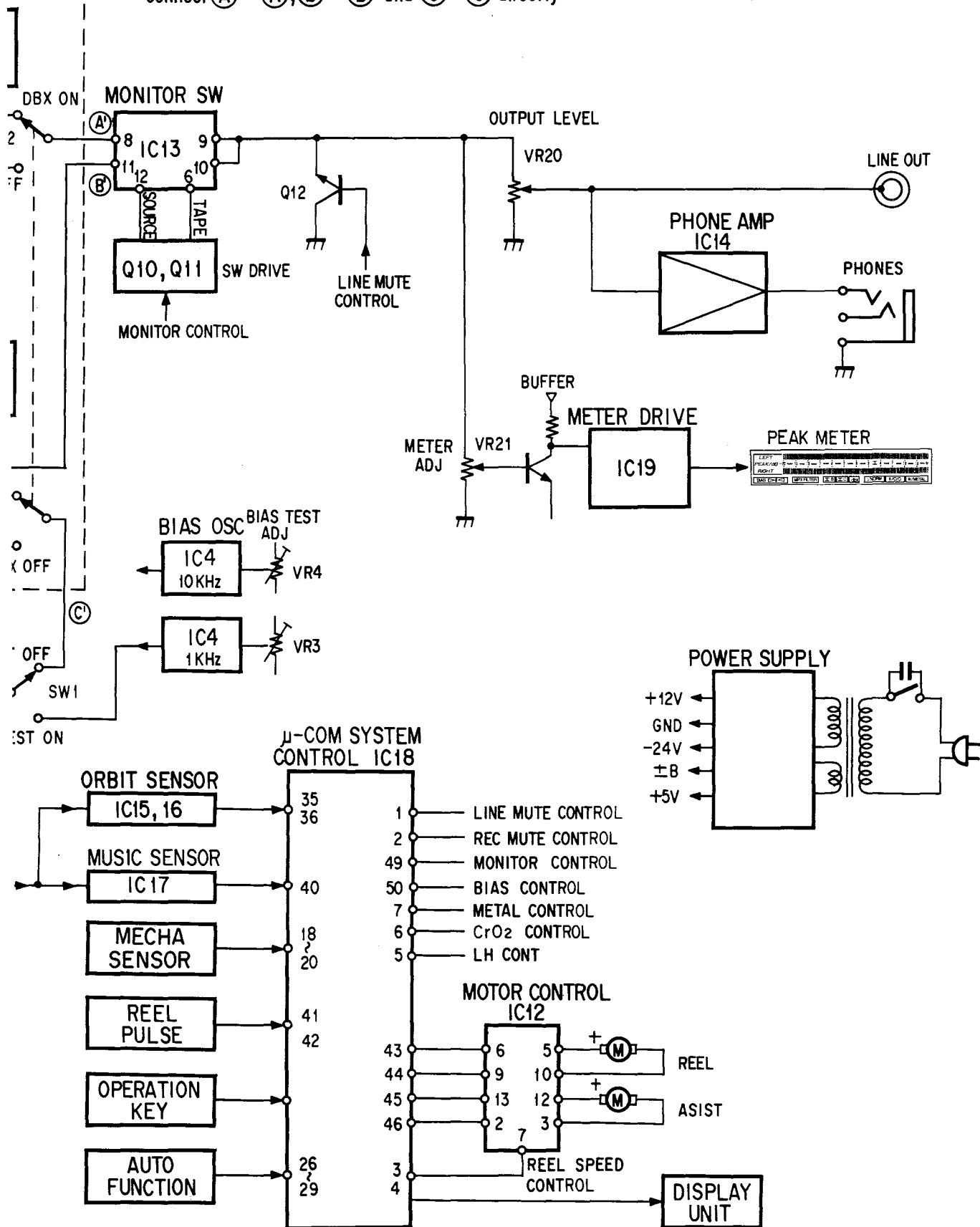
KX-800/800U



■ BLOCK DIAGRAM



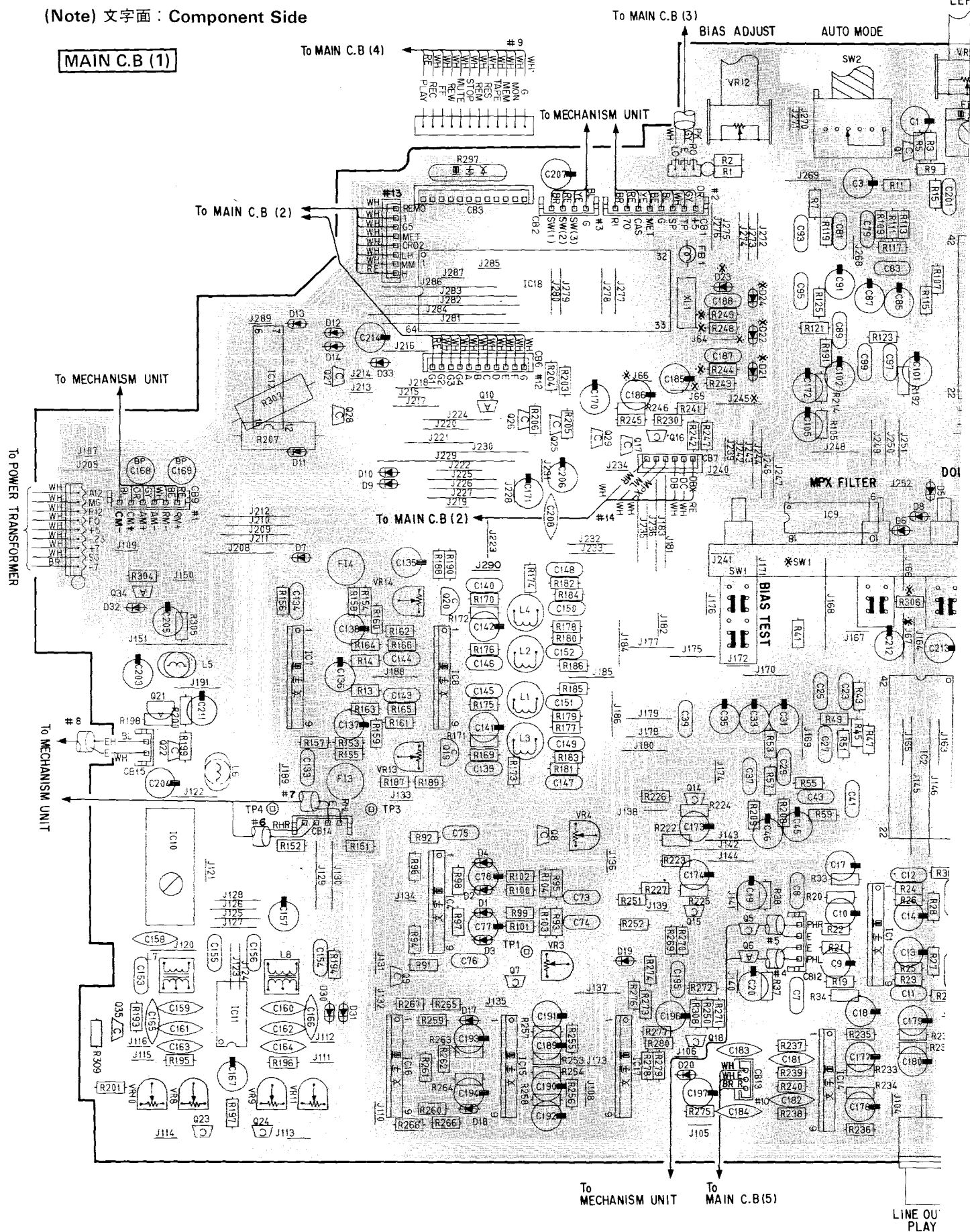
Note: For BG destination models, eliminate these sections and connect (A) - (A'), (B) - (B') and (C) - (C') directly

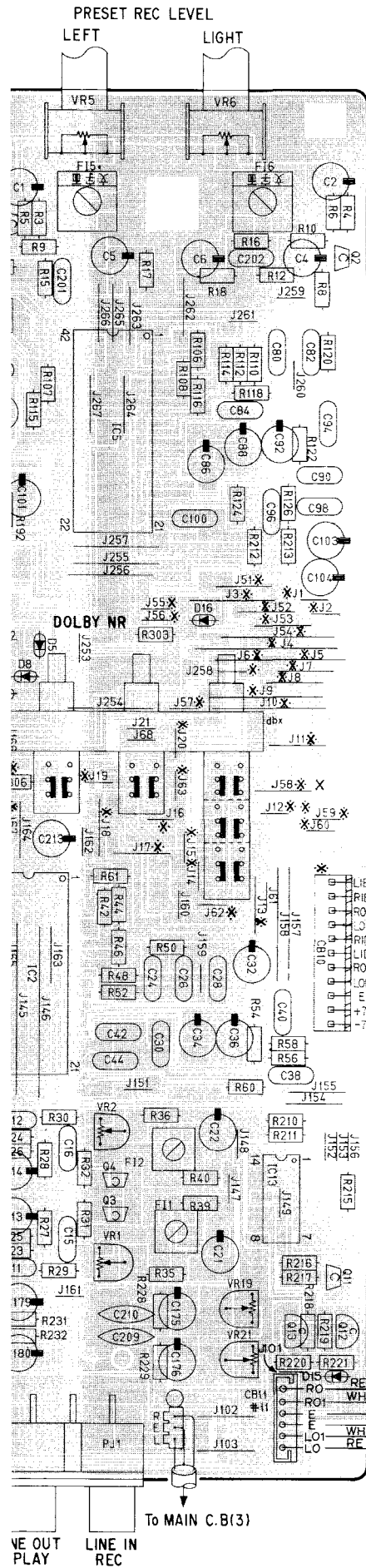


KX-800/800U

■ PRINTED CIRCUIT BOARD (Pattern Side)

(Note) 文字面：Component Side

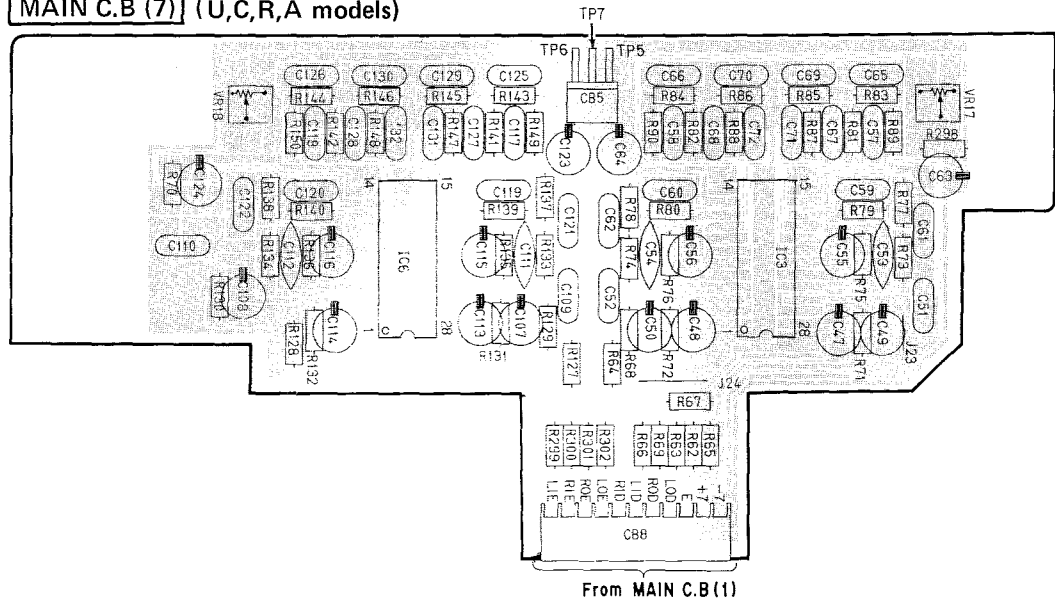




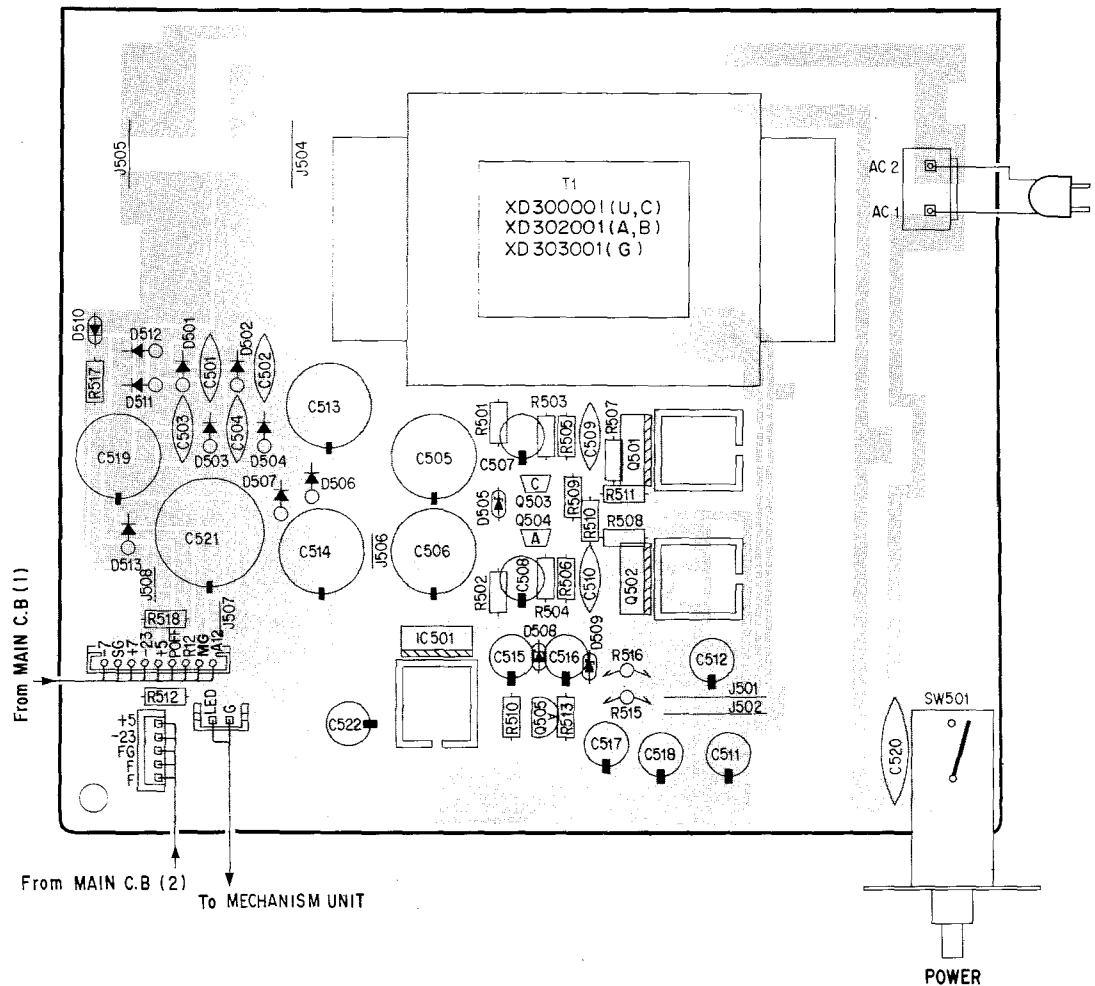
■ PRINTED CIRCUIT BOARD (Pattern Side)

(Note) 文字面 : Component Side

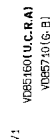
MAIN C.B (7) (U,C,R,A models)



POWER TRANSFORMER UNIT (U,C,A,B,G models)



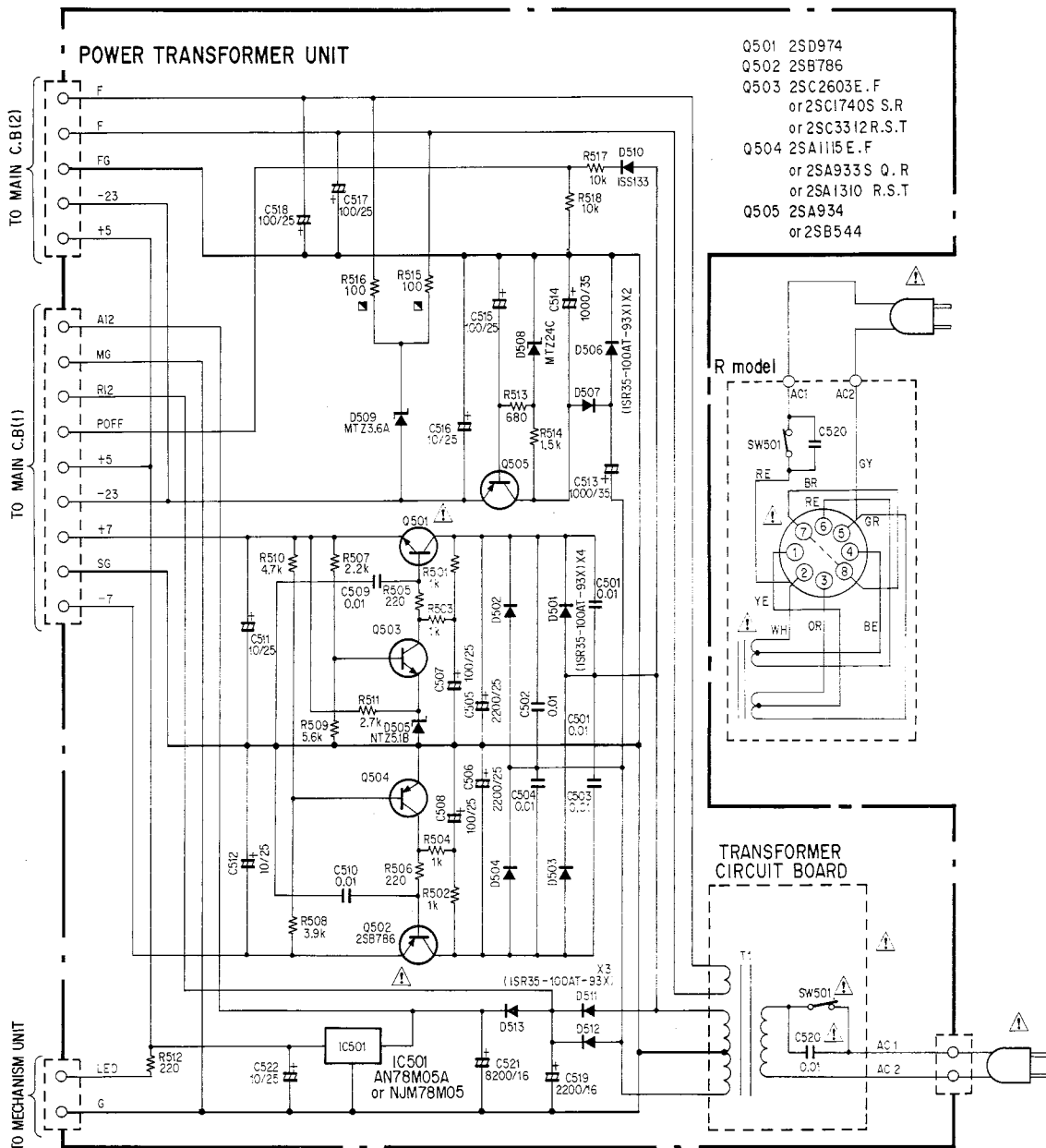
MAIN C.B(2)



```

(U )..... U.S. A      model
(C )..... Canadian      model
(A )..... Australian      model
(G )..... European      model
(B )..... British      model
(R )..... General      model

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RESISTOR

REMARKS	PARTS NAME
NO MARK	CARBON FILM RESISTOR
□	CARBON FILM RESISTOR (1/6W)
△	METAL OXIDE FILM RESISTOR
▲	METEL FILM RESISTOR
⊠	METEL PLATE RESISTOR
▣	FIRE PROOF CARBON FILM RESISTOR
□	SEMENT MOLDED RESISTOR
⊙	SEMI VARIABLE RESISTOR

CAPACITOR

REMARKS	PARTS NAME	
NO MARK	ELECTROLYTIC CAPACITOR	⏏
NO MARK	CERAMIC CAPACITOR	
⊙	POLYESTEL FILM CAPACITOR	
○	POLYSTYRENE FILM CAPACITOR	⏏
①	MICA CAPACITOR	
⊕	POLYPROPYLENE FILM CAPACITOR	
●	SEMICONDUCTIVE CERAMIC CAPACITOR	

* All voltages are measured with a 10MΩ/DC electric volt meter.

* Components having special characteristics are marked ▲ and must be replaced with parts having specifications equal to those originally installed.

* Schematic diagram is subject to change without notice.

■ ELECTRICAL PARTS

Carbon resistors 1/6 W are not included in the ELECTRICAL PARTS list.
For the parts No. of the carbon resistor, refer to P. 40.

Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets	ランク
※	NA:09:42:50	Main Circuit Board	メ イ ン シ ー ト			U,C,R,A	
※	NA:09:42:60	〃	〃			B,G	
	FG:21:23:30	Ceramic Cap.	セ ラ コ ン	C53,54,111,112		U,C,R,A	
	FG:21:21:00	〃	〃	C181,182			
	FG:11:25:60	〃	〃	C165,166			
	FG:21:31:00	〃	〃	C209,210			
	FG:24:41:00	〃	〃	C163,164,183,184			
	FG:24:42:20	〃	〃	C161,162			
	FG:24:41:50	〃	〃	C159,160			
	FG:24:44:70	〃	〃	C208			
	FH:61:11:00	〃	〃	C158			
	FA:15:31:00	Mylar Cap.	マ イ ラ ー コ ン	C73,75			
	FA:15:32:20	〃	〃	C23~26,79~82, 201,202			
	FA:15:33:30	〃	〃	C67~70,127~130		U,C,R,A	
	FA:15:33:90	〃	〃	C27,28,83,84			
	FA:15:34:30	〃	〃	C149~152			
	FA:15:34:70	〃	〃	C147,148			
	FA:15:35:60	〃	〃	C41,42,97,98			
	FA:15:37:50	〃	〃	C143,144			
	FA:15:41:00	〃	〃	C11,12,43,44, 99,100,195			
	FA:15:41:50	〃	〃	C15,16,29,30,89,90			
	FA:15:41:50	〃	〃	C51,52,109,110		U,C,R,A	
	FA:15:41:80	〃	〃	C61,62,121,122		U,C,R,A	
	FA:15:43:30	〃	〃	C74,76			
	FA:15:45:60	〃	〃	C37,38,95,96, 145,146			
	FA:15:46:80	〃	〃	C39,40,93,94			
	FA:15:48:20	〃	〃	C139,140			
	FA:15:51:00	〃	〃	C187,188			
	FA:15:51:00	〃	〃	C57,58,65,66, 117,118,125,126		U,C,R,A	
	FA:15:51:80	〃	〃	C59,60,119,120		U,C,R,A	
	UH:11:81:00	Electrolytic Cap.	ケ ミ コ ン	C211			
	UJ:13:74:70	〃	〃	C203~205,215			
	UH:13:81:00	〃	〃	C157,214			
※	VE:01:66:00	〃	〃	C9,10			
※	VE:01:79:00	〃	〃	C17,18,135,136			
※	VE:01:82:00	〃	〃	C1,2,21,22,137,138			
※	VE:01:83:00	〃	〃	C3,4,13,14,45,46,101,102			
	UH:14:64:70	〃	〃	C5,6,193,194			
	UH:14:64:70	〃	〃	C49,50		U,C,R,A	
	UH:14:71:00	〃	〃	C103~105,167,171,172,191, 192,196,206,207,212,213			
	UH:14:72:20	〃	〃	C141,142,179,180			
	UH:14:72:20	〃	〃	C47,48,55,56,63,64 107,108,115,116,123,124		U,C,R,A	
	UW:56:51:50	〃	〃	C33,34,87,88,170			
	UJ:16:52:20	〃	〃	C35,36,91,92			
	UH:16:54:70	〃	〃	C31,32,85,86			
	UH:16:61:00	〃	〃	C19,20,77,78,173~178, 189,190,197			
	UH:16:61:00	〃	〃	C185,186		U,C,R,A	
	UH:16:62:20	〃	〃	C113,114		U,C,R,A	
	FM:11:61:00	〃	BP コ ン	C168,169			
	UM:40:64:70	〃	ケ ミ コ ン	C198~200			
	UT:45:21:00	Polypropylene Film Cap.	ポ リ プ ロ コ ン	C7,8,153,154			
	UT:45:23:30	〃	〃	C71,72,131,132		U,C,R,A	

※New Parts (新規部品)

Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets	ランク
※	UT 45 24 70	Polypropylene Film Cap.	470pF 100V	ポリプロコン	C133,134,155,156		
	GE 20 05 10	Filter, Dolby		ドルビーフィルター	Fi5,6		
	VE 79 74 00	Ferrite Filter	ZBF-503S-01	フェライトフィルター	FBI		
	GE 90 08 70	Bias Trap Coil	105KHz	バイアストラップコイル	Fi1,2 } Inter-changeable		
	GE 90 18 10	//	105KHz	//	//		
	GE 90 04 80	//	105KHz	//	Fi3,4 } Inter-changeable		
	GE 90 07 80	//	105KHz	//	//		
	VA 70 99 00	Step-up Coil	105KHz	ステップアップコイル	L7,8		
	GE 90 16 10	Coil	6.8mH	固 定 コ イ ル	L1,2		
	GE 90 16 40	//	12mH	//	L3,4		
	GE 90 09 60	//	820μH	//	L5,6		
	VD 82 76 00	Ceramic Resonator	4MHz	セラミック振動子	XLI		
	HL 32 44 70	Metal Oxide Film Resistor	47Ω 2W	酸 金 抵 抗	R207,307		
	VB 86 11 00	Pre-set Potentiometer	B1KΩ	半 固 定 抵 抗	VR10		
	VB 86 12 00	//	B2.2KΩ	//	VR4,11 } Inter-changeable		
	VB 86 29 00	//	B2.2KΩ	//	//		
	VB 86 14 00	//	B4.7KΩ	//	VR3,13,14		
	VB 85 97 00	//	B4.7KΩ	//	VR17,18	U,C,R,A	
	VB 86 16 00	//	B22KΩ	//	VR1,2,8,9,19,21		
※	VE 11 14 00	Resistor, Array	10KΩ×8	抵 抗 ア レ ー	R297		
	VA 87 80 00	Potentiometer Slide	A50KΩ×2	ス ラ イ ド V R	VR7		
	VA 87 79 00	// Rotaly	A5KΩ×2	ロ ー タ リ ー V R	VR20		
※	VD 91 37 00	//	A50KΩ	//	VR5,6		
※	VD 91 38 00	//	A2KΩ	//	VR12		
	iC 26 03 10	Transistor	2SC2603 (E,F)	ト ラ ン ジ ス タ ー	Q31 } Inter-changeable	U,C,R,A	
	iC 17 40 00	//	2SC1740S (S,R)	//	//	U,C,R,A	
	iC 33 12 00	//	2SC3312 (R,S,T)	//	//	U,C,R,A	
	iC 26 03 10	//	2SC2603 (E,F)	//	Q1,2,5,11,14~17,22,25,26,30,32,33 } Inter-changeable		
	iC 17 40 00	//	2SC1740S (S,R)	//	//		
	iC 33 12 00	//	2SC3312 (R,S,T)	//	//		
	iA 11 15 10	//	2SA1115 (E,F)	//	Q6,34 } Inter-changeable		
	iA 09 33 00	//	2SA933S (Q,R)	//	//		
	iA 13 10 00	//	2SA1310 (R,S,T)	//	//		
	iA 09 34 00	//	2SA934	//	Q21 } Inter-changeable		
	iB 05 44 10	//	2SB544	//	//		
	iD 06 55 10	//	2SD655 (E,F)	//	Q12,13,19,20 } Inter-changeable		
	iD 13 02 00	//	2SD1302 (R,S)	//	//		
	VA 71 00 00	//	2SD1468 (Q,R,S)	//	//		
	VD 67 85 00	Digital Transistor	DTA114ES	デジタルトランジスター	Q10		
	VD 67 87 00	//	DTC114ES	//	Q3,4,7~9,18,23,24,27~29,35		
	iF 00 34 50	Diode	1SS133	ダ イ オ ー ド	D1~10,15~20,25,27~33		
	iF 00 34 50	//	1SS133	//	D21~24,26	U,C,R,A	
	iF 01 06 60	Zener Diode	MTZ4.7B	ツェナーダイオード	D14		
	iF 01 07 40	//	MTZ6.2B	//	D12		
	iF 01 08 70	//	MTZ9.1C	//	D11,13		

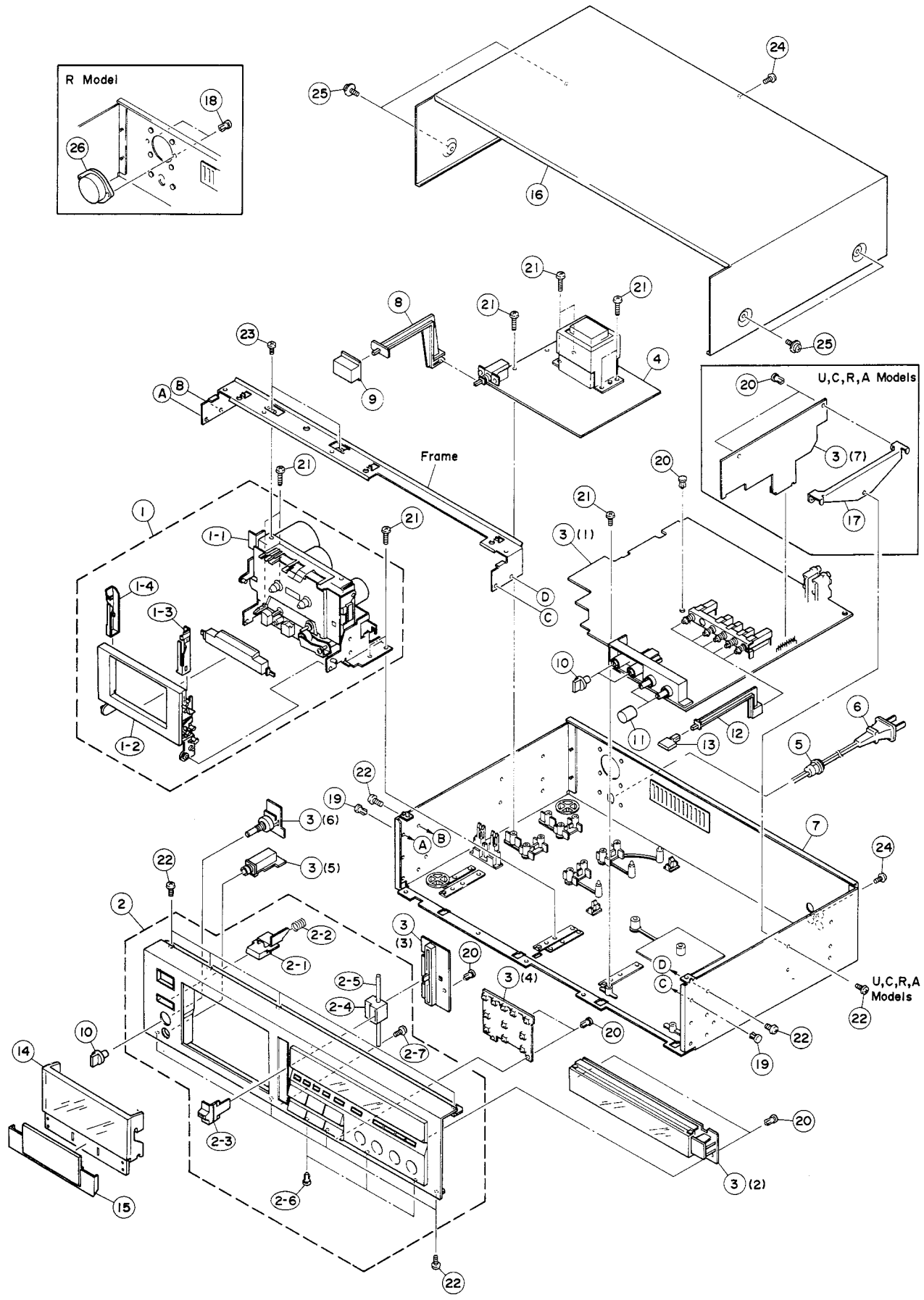
※New Parts (新規部品)

Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets	ランク
	VD 85 31 00	Remote Control Receptor	GPU501	リモコン受光ユニット	D34		
	IG 03 47 00	IC	AN6551	I C	IC4,15~17	Inter-changeable	
	IG 07 68 00	//	NJM4558S	//	//		
	IG 13 22 00	//	BA715	//	//		
	IG 07 74 10	//	NJM4556S-A	//	IC7,8,14		
	IG 08 29 00	//	NJM2043S-D	//	IC1		
	XD 08 40 01	//	MN4066B	//	IC13	Inter-changeable	
	IG 06 16 00	//	μPD4066BC	//	//		
	IG 08 92 00	//	LC4066B	//	//		
	IG 11 05 00	//	M4066BP	//	//		
	XD 14 80 01	//	BU4066B	//	//		
	XA 30 00 01	//	μPC1297CA	//	IC11		
	XC 77 10 01	//	CX20188	//	IC2,5		
	XA 29 90 01	//	LB1649	//	IC12		
	IG 14 60 00	//	HA12067NT	//	IC19		
	XC 84 40 01	//	AN6294NK	//	IC3,6		U,C,R,A
	IG 08 99 00	Transistor. Array	AN90B20	トランジスターアレー	IC9		
※	XD 30 40 02	IC	LC6554H-3451	I C	IC18		
※	VE 04 07 00	Bias OSC Block		バイアスOSCブロック	IC10		
※	VD 85 16 00	Display Tube	CPF1073GR	蛍 光 表 示 管	V1		U,C,R,A
※	VD 85 17 00	//	CPF1074GR	//	//		B,G
※	VD 85 19 00	Switch. Push		プッシュスイッチ	SW1		U,C,R,A
※	VD 85 18 00	//		//	//		B,G
	KA 90 63 50	Switch	KHH10902	タクトスイッチ	SW7~17	Inter-changeable	
	KA 90 63 80	//	5MEVQ-QRB-04M	ライトタッチスイッチ	//		
	KA 50 19 60	Switch, Rotary	SBU-2-5	ロータリースイッチ	SW2		
	LB 30 16 90	Headphone Jack		ヘッドホンジャック	JK1		
	LB 40 10 50	Pin Jack	4P	ピンジャック	PJ1		
	VD 65 04 00	Base Pin	2P	i-Type ベースピン			
	VD 65 05 00	//	4P	i-Type //			
	VD 65 06 00	//	6P	i-Type //			
※	VC 01 52 00	//	8P	i-Type //			
※	VD 00 49 00	//	6P	//			
※	LB 02 31 10	SQ Connector	11P SSQ-11	S Q コネクター			U,C,R,A
	LB 30 07 50	Base Pin	SEBS3P-SHF	ベースピン			U,C,R,A
※	LB 60 78 80	//	TEB11P-SHF	//			U,C,R,A
※	LB 94 50 30	Short Plug	3P	i-Type ショートプラグ			
	LB 94 20 60	Pin Block	6P	i-Type ピンブロック			
	LB 94 20 80	//	8P	i-Type //			
	LB 94 21 10	//	11P	i-Type //			

※New Parts (新規部品)

Ref. No.	Part No.	Description	部 品 名		Remarks	Common Model	Markets	ランク
※	LB 94 21 20	Pin Block	I2P	i-Type	ピンブロック			
※	VD 94 07 00	Holder, Potentiometer			V R ホルダー			
※	VD 94 08 00	Lens, Filter			フィルターレンズ			
※	VD 94 09 00	Holder, Display			表示管ホルダー			
	CB 60 56 20	Plastic Rivet			プラスチックリベット			
※	NA 09 57 00	Power Transformer Unit			パワートランスユニット		U,C	
※	NA 09 57 10	〃			〃		R	
※	NA 09 57 20	〃			〃		A,B	
※	NA 09 57 30	〃			〃		G	
	FG 24 41 00	Ceramic Cap.	0.01 μ F (Z)	55V	セラコン	C501~504,509,510		
	UH 14 71 00	Electrolytic Cap.	10 μ F	25V	ケミコン	C511,512,516,522		
	UH 14 81 00	〃	100 μ F	25V	〃	C507,508,515,517,518		
	UH 13 91 00	〃	1000 μ F	16V	〃	C519		
	UJ 14 92 20	〃	2200 μ F	25V	〃	C505,506		
	UH 15 91 00	〃	1000 μ F	35V	〃	C513,514		
	Ui 93 98 20	〃	8200 μ F	16V	〃	C521		
	HV 45 51 00	Flame Proof Carbon Resistor	100 Ω	1/4W	不燃化カーボン抵抗	R515,516		
	iA 11 15 10	Transistor	2SA1115 (E,F)		トランジスター	Q504		
	iA 09 33 70	〃	2SA933S (Q,R)		〃	〃 Inter-changeable		
	iA 13 10 00	〃	2SA1310 (R,S,T)		〃	〃		
	iC 26 03 10	〃	2SC2603 (E,F)		〃	Q503		
	iC 17 40 00	〃	2SC1740S (S,R)		〃	〃 Inter-changeable		
	iC 33 12 00	〃	2SC3312 (R,S,T)		〃	〃		
	iA 09 34 00	〃	2SA934		〃	Q505		
	iB 05 44 10	〃	2SB544		〃	〃 Inter-changeable		
	iB 07 86 00	〃	2SB786		〃	Q502		
	iD 09 47 00	〃	2SD947		〃	Q501		
	iF 00 34 50	Diode	1SS133		ダイオード	D510		
	iF 00 84 80	〃	1SR35-100AT		〃	D501~504,506,507,511~513		
	iF 01 06 00	Zener Diode	MTZ3.9B		ツェナーダイオード	D509		
	iF 01 06 90	〃	MTZ5.1B		〃	D505		
	iF 00 90 90	〃	MTZ24C		〃	D508		
	iG 07 56 00	IC	NJM78M05A		I C	IC501		
	KA 80 51 50	Switch, Power	ESB8215V-F		パワースイッチ	SW501		
	LB 92 50 90	Short Plug	9P	i-Type	ショートプラグ			
	LB 94 20 50	Pin Block	5P	i-Type	ピンブロック			
	VD 65 04 00	Base Pin	2P	i-Type	ベースピン			
※	VE 22 57 00	Post	2P		ベース付きポスト			
	BA 08 40 00	Heat Sink			放 熱 板	K-1000		
※	XD 30 00 01	Power Transformer			電 源 ト ラ ン ス		U,C	
※	XD 30 10 01	〃			〃		R	
※	XD 30 20 01	〃			〃		A,B	

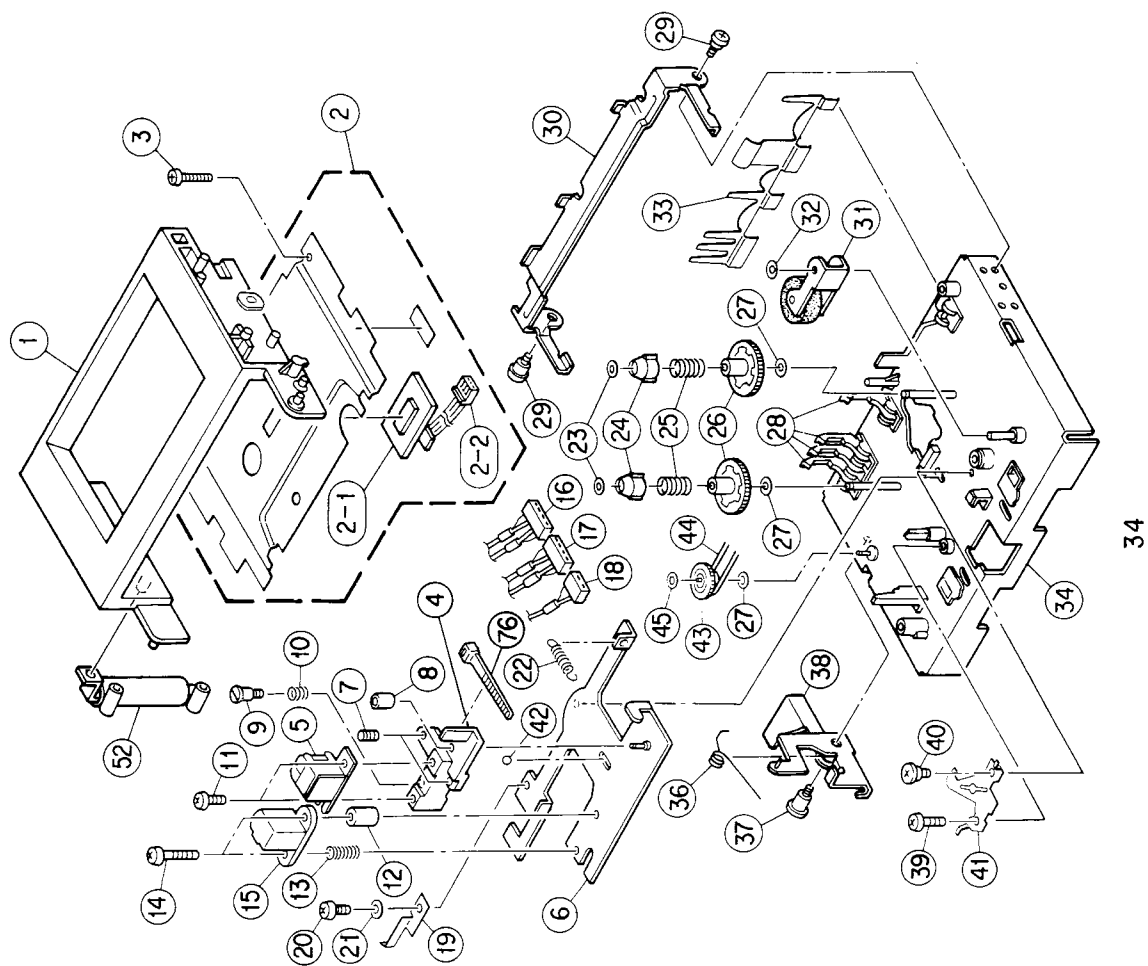
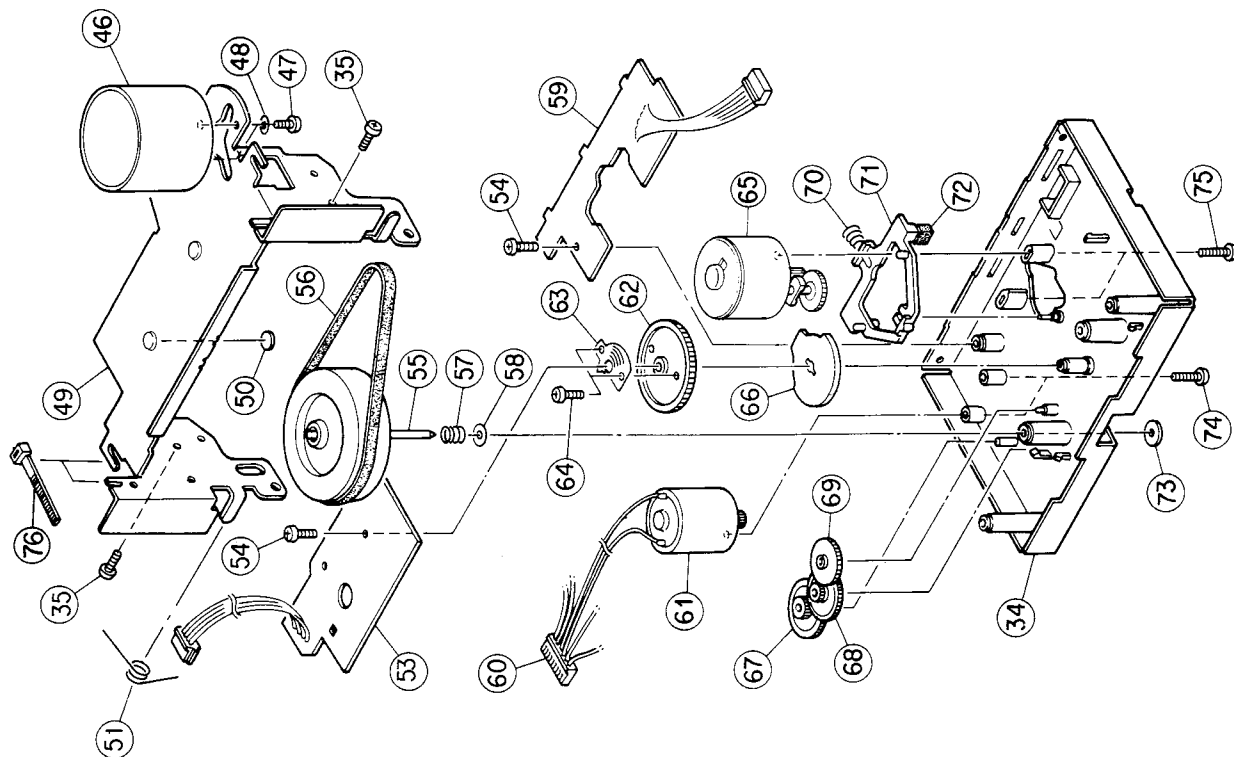
※New Parts (新規部品)



Ref. No.	Part No.					Description	部 品 名	Remarks	Common Model	Markets	ランク
※ 1	VE	03	53	00		Tape Mechanism Unit	テープメカユニット	Black			
※ //	VE	03	54	00		//	//	Silver			
1-1	VE	14	50	00		Mechanism Unit	メカユニット				
※ 1-2	VD	94	13	00		Sub Panel	サブパネル	Silver			
※ //	VD	94	14	00		//	//	Black			
1-3	CB	60	98	80		Guide (R) Cassette	カセットガイド R		K-10		
1-4	CB	62	85	70		// (L) //	// L		K-520		
※ 2	VE	03	55	00		Panel Unit	パネルユニット	Black		R,A	
※ //	VE	03	56	00		//	//	Black		U,C	
※ //	VE	03	57	00		//	//	Black		B,G	
※ //	VE	03	58	00		//	//	Silver		R,A	
※ //	VE	03	59	00		//	//	Silver		U,C	
※ //	VE	03	60	00		//	//	Silver		B,G	
2-1	CB	63	63	70		Button, Eject	イジェクトボタン	Silver	K-1020		
//	CB	63	63	80		//	//	Black	K-1020		
2-2	AA	62	89	60		Spring, Eject	イジェクトスプリング		K-540		
2-3	VA	85	24	00		Knob	ノブ	Silver MASTER FADER	K-540		
//	VA	85	25	00		//	//	Black MASTER FADER	K-540		
2-4	CB	63	64	30		Slider	スライダ		K-1020		
2-5	AA	62	89	50	4 × 87	Shaft	シャフト		K-540		
2-6	CB	06	88	80		Plastic Rivet	プラスチックリベット				
2-7	Ei	03	01	06	3 × 10 ZMC 2-Y	Binding Head Tapping Screw	バインドタッピングネジ	PACK			
※ 3	NA	09	42	50		Main Circuit Board	メインシート			U,C,R,A	
※ //	NA	09	42	60		//	//			B,G	
※ 4	NA	09	57	00		Power Transformer Unit	パワートランスユニット			U,C	
※ //	NA	09	57	10		//	//			R	
※ //	NA	09	57	20		//	//			A,B	
※ //	NA	09	57	30		//	//			G	
5	CB	61	68	10	CM-22A	Cord Stopper	コードストッパー			U,C	
//	CB	62	01	90	CM-22B	//	//			R,A,B,G	
※ 6	VE	64	00	00		Power Cord Ass'y	電源コード Ass'y			U,C	
※ //	VE	04	26	00		//	//			R	
※ //	VE	04	29	00		//	//			A	
※ //	VE	04	31	00		//	//			B	
※ //	VE	04	34	00		//	//			G	
7	NB	63	05	30		Chassis	シャーシ		K-340	U,C,A,B,G	
//	NB	63	05	50		//	//		K-340	R	
8	CB	63	42	80		Rod, Power	ロッド P		K-220		
9	CB	63	67	50		Button, Power	パワーボタン	Silver	CD-X2		
//	CB	65	20	60		//	//	Black	LV-XI		
10	CB	66	21	50		Knob, Switch	スイッチノブ	Silver	KX-200		
//	CB	63	42	70		//	//	Black	K-720		
11	CB	62	60	30		Knob	ノブ	Silver	K-520		
//	CB	62	60	40		//	//	Black			
※ 12	VD	63	65	00		Rod	ロッド				
※ 13	VE	01	25	00	3 × 14	Button	ボタン	Silver			
//	CB	66	07	90	3 × 14	//	//	Black	AX-900		
14	CB	62	52	50		Lid Cover	リッドカバー		K-17		
※ 15	VD	63	66	00		Sub Panel, Lid	リッドサブパネル	Silver			
※ //	VD	63	67	00		//	//	Black			
※ 16	VD	63	62	00		Top Cover	トップカバー	Silver			
//	VD	63	63	00		//	//	Black			

※New Parts (新規部品)

MECHANISM EXPLODED VIEW



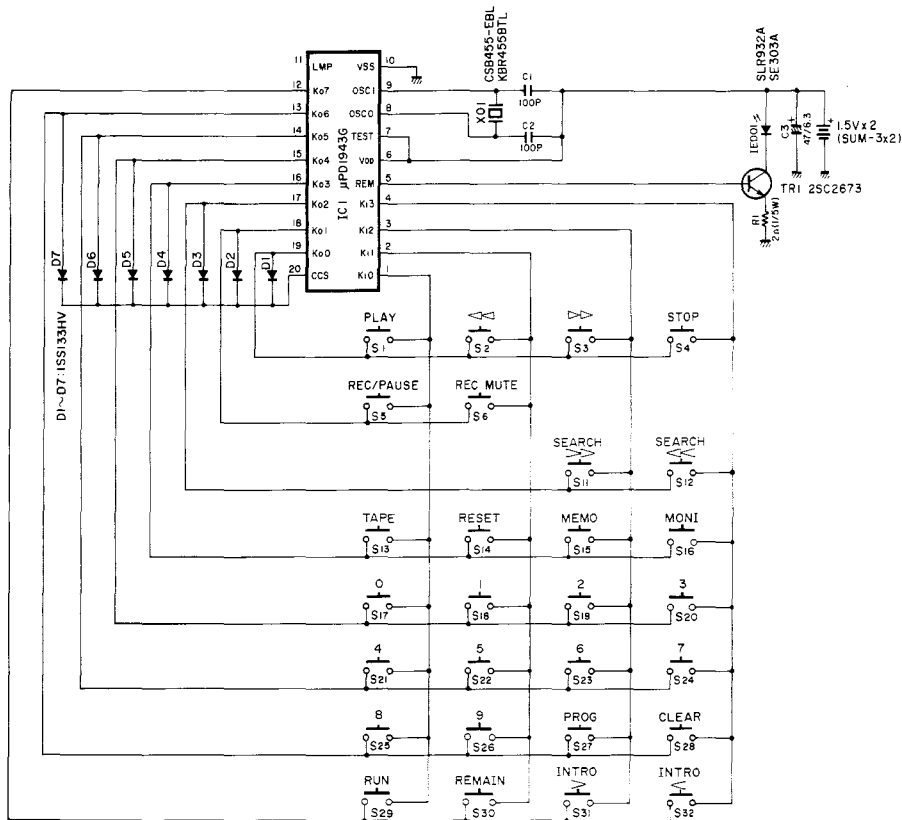
MECHANISM PARTS

Ref. No.	Part No.				Description	部 品 名	Remarks	Common Model	Markets	ランク
	VE	14	50	00	Cassette Mechanism	カセットメカ				
1	XX	67	42	00	Cassette Holder	カセットホルダー		K-540		
※ 2	XX	69	62	10	Blind Plate Ass'y	カクシ板 Ass'y				
2-1	XX	67	42	20	LED	L E D		K-540		
※ 2-2	XX	69	62	20	Connector	コネクター				
3	XX	67	46	90	Special Screw	ナベスタイト	PACK			
※ 4	XX	69	62	30	Head Base Plate	ヘッドベース				
5	XX	64	14	30	REC/PLAYBACK Head	録音ヘッド		KX-1200		
※ 6	XX	69	62	40	Head Block	ヘッド台座				
7	XX	64	06	90	Screw	止メネジ				
8	XX	64	06	80	Nut, Adjustment	調整ナット		K-1020		
9	XX	64	07	00	Screw Shaft	軸		K-1020		
10	XX	64	07	10	Coil Spring	圧縮コイルバネ		K-1020		
※ 11	XX	69	64	00	SW Pan Head Screw	M2×4	ナベ小ネジ	PACK		
※ 12	XX	69	62	50	Spacer	スペーサー				
※ 13	XX	69	62	60	Coil Spring	圧縮コイルバネ				
14	ED	02	01	26	Binding Head Screw	M2×12 ZMC2-Y	バインド小ネジ	PACK		
15	XX	67	42	60	Erase Head	消去ヘッド		K-540		
※ 16	XX	69	62	70	Connector	4P	コネクター			
※ 17	XX	69	62	80	//	4P	//			
※ 18	XX	69	62	90	//	2P	//			
※ 19	XX	69	63	00	Stopper	ストッパー				
※ 20	XX	69	64	10	Pan Head Screw	M2×2	ナベ小ネジ	PACK		
21	XX	65	33	70	Washer	φ2.1×φ4.4×t0.5	ワッシャー			
22	XX	64	08	40	Coil Spring		引張コイルバネ	K-1020		
23	XX	64	12	10	Washer	φ1.8×φ3.2×t0.5	ワッシャー	K-1020		
24	XX	67	43	20	Reel		リール爪	K-540		
25	XX	67	43	30	Spring		圧縮バネ	K-540		
26	XX	67	43	40	Reel Base Ass'y		リール台 Ass'y	K-540		
27	XX	64	03	60	Washer	φ2.1×φ4.5×t0.1	ワッシャー	K-720		
28	XX	67	43	50	Switch Lever Ass'y		SWレバー Ass'y	K-540		
29	XX	67	43	60	Shaft		軸	K-540		
30	XX	67	43	70	Release Arm		解除アーム	K-540		
31	XX	64	08	30	Pinch Roller Ass'y		ピンチローラ Ass'y			
32	XX	64	03	40	Washer	φ2.7×φ6.0×t0.5	ワッシャー	K-720		
33	XX	67	43	90	Spring		戻しバネ	K-540		
※ 34	XX	69	63	10	Chassis		シャーシ			
35	EA	02	60	46	Pan Head Screw	M2.6×4	ナベ小ネジ	PACK		
36	XX	67	44	10	Coil Spring		コイルバネ	K-540		
37	XX	67	44	20	Shaft		軸	K-540		
38	XX	67	44	30	Lock Lever Ass'y		ロックレバー Ass'y	K-540		
39	EA	02	60	86	Pan Head Screw	M2.6×8	ナベ小ネジ	PACK		
※ 40	XX	69	63	20	Screw	M2	段付デルタイトネジ			
※ 41	XX	69	63	30	Head Base Holder Plate		ヘッドベース押え板			
42	EZ	00	15	30	Steel Ball	φ2	スチールボール			
43	XX	64	09	20	Pully Ass'y		プーリー Ass'y	K-1020		
44	XX	64	09	10	Belt		角ベルト	K-1020		
45	XX	64	03	30	Washer	φ1.8×φ3.8×t0.5	ワッシャー			
※ 46	XX	69	63	40	Motor, Capstan Ass'y		キャプスタンモーター Ass'y			
47	XX	62	36	30	Pan Head Screw	2.5×3.5	ナベ小ネジ			
48	EV	30	02	66	Spring Washer	φ2.6	スプリングワッシャー	PACK		
49	XX	67	44	60	Motor Bracket		モーターブラケット	K-540		

※NeW Parts (新規部品)

REMOTE CONTROL TRANSMITTER

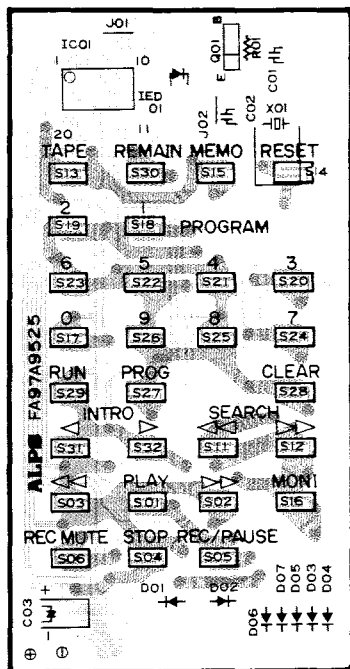
• SCHEMATIC DIAGRAM



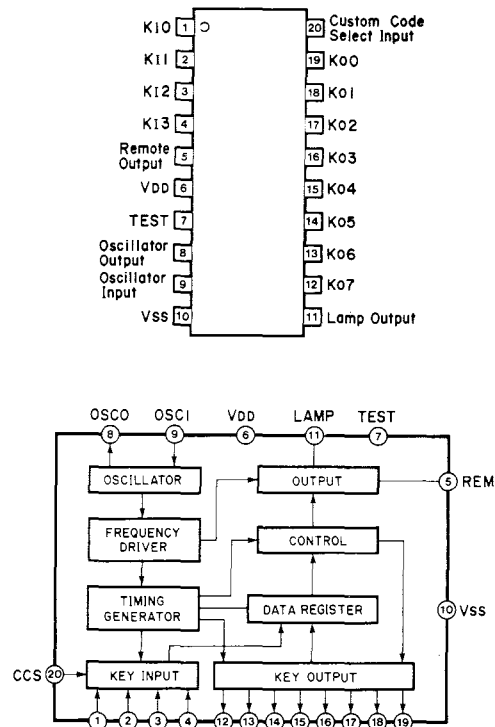
FUNCTION	DATA CODE
PLAY	00
◀◀	01
▶▶	02
STOP	03
REC/PAUSE	04
REC/MUTE	05
SEARCH▶▶	0A
SEARCH◀◀	0B
TAPE	0C
RESET	0D
MEMO	0E
MONI	0F
0	10
1	11
2	12
3	13
4	14
5	15
6	16
7	17
8	18
9	19
PROG	1A
CLEAR	1B
RUN	1C
REMAIN	1D
INTRO▶	1E
INTRO◀	1F

CUSTOM CODE
7F

• PRINTED CIRCUIT BOARD (Pattern Side)



• IC1: μPD1943G

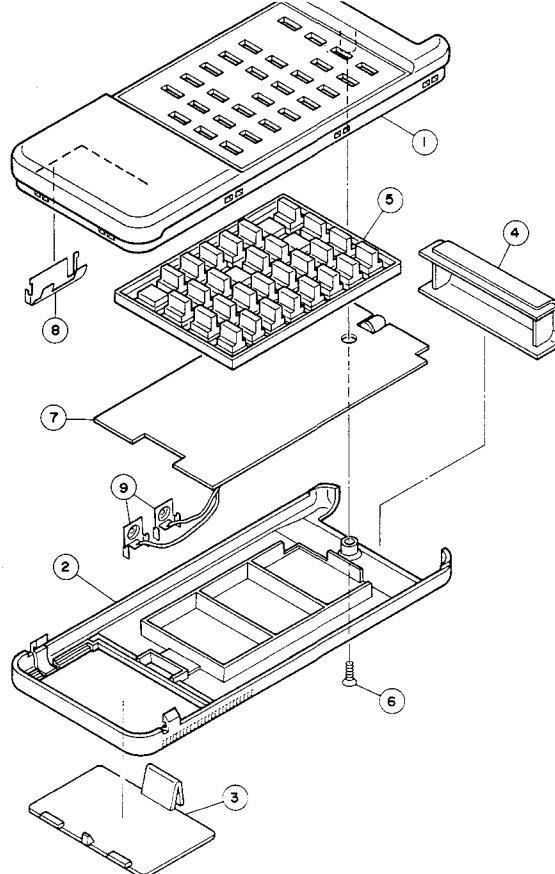


● EXPLODED VIEW

1

2

3



KX-800/800U

Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets	ランク
	VD 35 52 00	Remote Control Transmitter	RS-K12	リモートコントロールトランスミッター	Black	KX-1200	
	VD 35 51 00	//	//	//	Silver	KX-1200	
1	CX 60 11 60	Case (A)		ケース (A)	Black		
//	CX 60 11 50	//		//	Silver		
2	XX 67 16 20	Case (B)		ケース (B)	Black		
//	XX 67 17 10	//		//	Silver		
3	XX 67 16 30	Case (C)		ケース (C)	Black		
//	XX 67 17 20	//		//	Silver		
4	XX 67 16 40	Filter		フ ィ ル タ ー			
5	CX 60 11 80	Rubber Contact		ゴ ム 接 点	Black		
//	CX 60 11 70	//		//	Silver		
6	XX 67 16 60	Flat Head Screw		皿 小 ネ ジ	Black		
//	XX 67 17 50	//		//	Silver		
7	NX 60 05 60	P.C. Board Ass'y		プ リ ン ト 基 盤 Ass'y			
8	XX 67 16 80	Dry Cell Terminal (A)		電 池 電 極 板 (A)			
	NX 60 05 60	P.C. Board Ass'y		プ リ ン ト 基 盤 Ass'y			
	iX 60 16 00	IC	μPD1943G	I C	IC1		
	QX 60 00 40	Ceramic Resonator	KBR455BTL	セ ラ ミ ッ ク 振 動 子	X1		
	FG 21 21 00	Ceramic Cap.	100pF 50V	セ ラ コ ン	C1, 2		
	UJ 11 74 70	Electrolytic Cap.	47μ 6.3V	ケ ミ コ ン	C3		
	iC 26 73 00	Transistor	2SC2673	ト ラ ン ジ ス タ	Q1		
	HX 60 14 00	Carbon Resistor	2Ω 1/4W	カ ー ボ ン 抵 抗	R1		
	iX 60 36 00	IED	SLR-932A	I E D	IED1		
	iF 00 34 50	Diode	ISS133	ダ イ オ ー ド	D1~7		
9	XX 67 16 90	Dry Cell Terminal (B)		電 池 電 極 板 (B)			

※New Parts (新規部品)

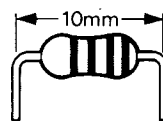
Parts List for Carbon Resistor

KX-800/800U

Value	1/4W Type Part No.	1/6W Type Part No.	Value	1/4W Type Part No.	1/6W Type Part No.
1.0 Ω	HJ353100	HF85 3100	12K Ω	HJ357120	HF857120
1.8 "	HJ353180	※	15 "	HJ357150	HF857150
2.2 "	HJ353220	HF853220	18 "	HJ357180	HF857180
3.3 "	HJ353330	HF853330	22 "	HJ357220	HF857220
4.7 "	HJ353470	HF853470	27 "	HJ357270	HF857270
5.6 "	HJ353560	HF853560	33 "	HJ357330	HF857330
10 "	HJ354100	HF854100	39 "	HJ357390	HF857390
15 "	HJ354150	HF854150	47 "	HJ357470	HF857470
22 "	HJ354220	HF854220	56 "	HJ357560	HF857560
27 "	HJ354270	HF854270	68 "	HJ357680	HF857680
33 "	HJ354330	HF854330	82 "	HJ357820	HF857820
39 "	HJ354390	HF854390	91 "	HJ357910	HF857910
47 "	HJ354470	HF854470	100 "	HJ358100	HF858100
56 "	HJ354560	HF854560	120 "	HJ358120	HF858120
68 "	HJ354680	HF854680	150 "	HJ358150	HF858150
82 "	HJ354820	HF854820	180 "	HJ358180	HF858180
100 "	HJ355100	HF855100	220 "	HJ358220	HF858220
110 "	HJ355110	HF855110	270 "	HJ358270	HF858270
120 "	HJ355120	HF855120	330 "	HJ358330	HF858330
150 "	HJ355150	HF855150	390 "	HJ358390	HF858390
160 "	HJ355160	※	470 "	HJ358470	HF858470
180 "	HJ355180	HF855180	560 "	HJ358560	HF858560
220 "	HJ355220	HF855220	680 "	HJ358680	HF858680
270 "	HJ355270	HF855270	820 "	HJ358820	HF858820
330 "	HJ355330	HF855330	1.0M Ω	HJ359100	HF859100
390 "	HJ355390	HF855390	1.2 "	HJ359120	※
470 "	HJ355470	HF855470	1.5 "	HJ359150	HF859150
510 "	※	HF855510	1.8 "	HJ359180	HF859180
560 "	HJ355560	HF855560	2.2 "	HJ359220	HF859220
680 "	HJ355680	HF855680	3.3 "	HJ359330	HF859330
820 "	HJ355820	HF855820	3.9 "	HJ359390	※
910 "	HJ355910	HF855910	4.7 "	HJ359470	HF859470
1.0K Ω	HJ356100	HF856100			
1.2 "	HJ356120	HF856120			
1.5 "	HJ356150	HF856150			
1.8 "	HJ356180	HF856180			
2.0 "	HJ356200	HF856200			
2.2 "	HJ356220	HF856220			
2.4 "	HJ356240	HF856240			
2.7 "	HJ356270	HF856270			
3.0 "	HJ356300	HF856300			
3.3 "	HJ356330	HF856330			
3.6 "	HJ356360	HF856360			
3.9 "	HJ356390	HF856390			
4.7 "	HJ356470	HF856470			
5.1 "	HJ356510	HF856510			
5.6 "	HJ356560	HF856560			
6.8 "	HJ356680	HF856680			
8.2 "	HJ356820	HF856820			
9.1 "	HJ356910	HF856910			
10 "	HJ357100	HF857100			

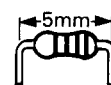
1/4W Type

HJ35○○○○

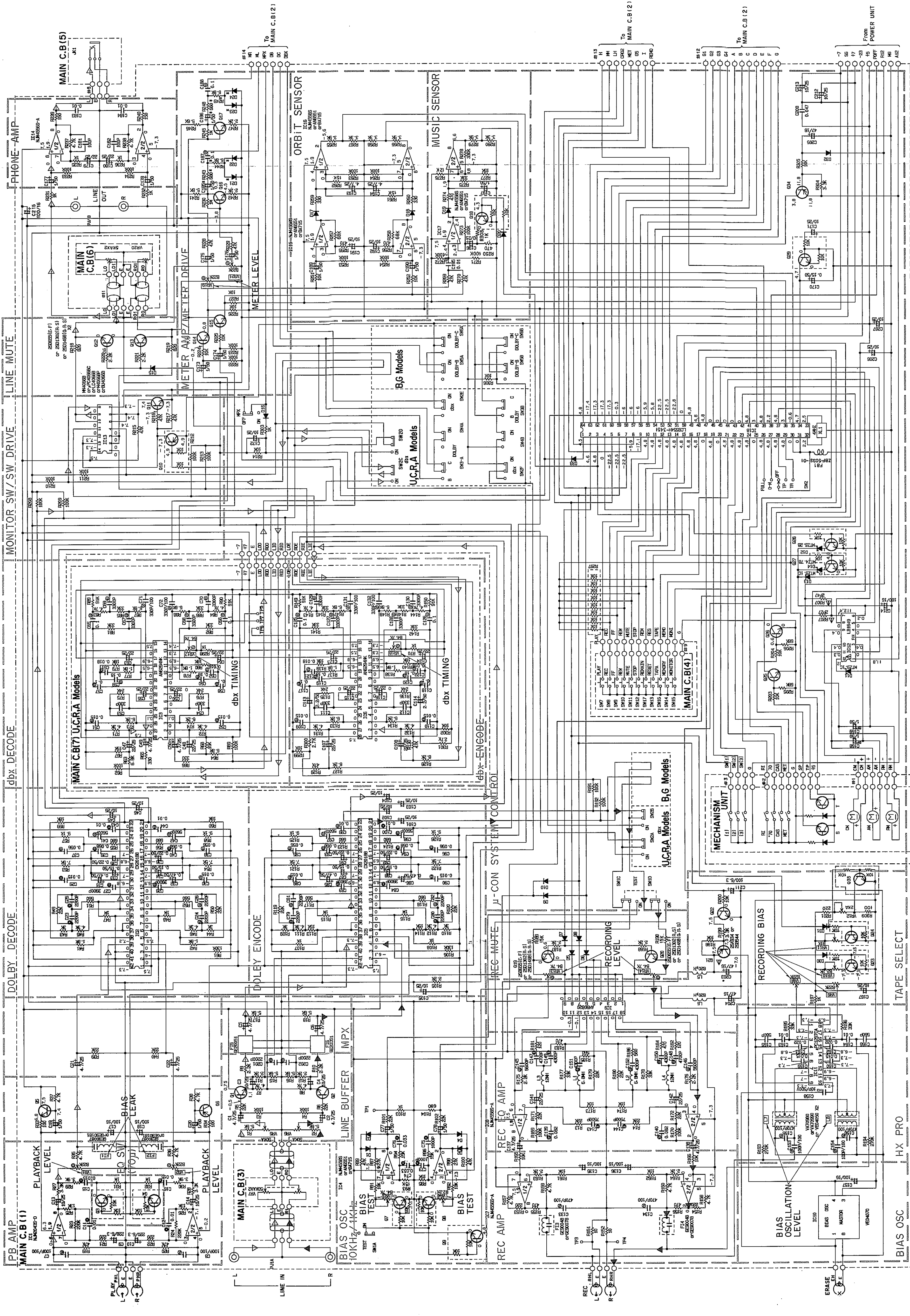


1/6W Type

HF85○○○○



SCHEMATIC DIAGRAM



Note: X marked

	U.C.R.A	B.G
C 05.196	1/50	OPEN
R24.248	600	OPEN
D2.24	15S13	OPEN
R305	10K	OPEN
R292	25C312 (R.S.T)	OPEN
Q31	25C312 (R.S.T)	OPEN
R292.285	47K	OPEN
CF 01.56R	CF 01.56R	CF 01.56R
SW1	V05.190	V05.190
C31.0	6.8K	6.8K
R244.249	6.8K	6.8K

25A034	25C1488 (Q.S.S)	DTA1145	15S133	NM4058B	AN50820	J/PC1287CA	AM2594NK	CX20188	LC0554H-3451	NM78M05A	AN78M05
25B544	25A1115 (E.F.T)	MT24.76	MT24.76	J/PC408BCC	J/PC408BCC	J/PC408BCC	J/PC408BCC	J/PC408BCC	J/PC408BCC	J/PC408BCC	J/PC408BCC
25C1488 (Q.S.S)	25C17405 (Q.S.S)	MT23.6A	MT23.6A	LC0554H-3451	LC0554H-3451	LC0554H-3451	LC0554H-3451	LC0554H-3451	LC0554H-3451	LC0554H-3451	LC0554H-3451
25D555 (E.F.T)	25D555 (E.F.T)	15R35-10AT-33X	15R35-10AT-33X	NM4058B	NM4058B	NM4058B	NM4058B	NM4058B	NM4058B	NM4058B	NM4058B
25D1302 (R.S.S)	25D1302 (R.S.S)			AN50820	AN50820	AN50820	AN50820	AN50820	AN50820	AN50820	AN50820

Play mode
Record mode