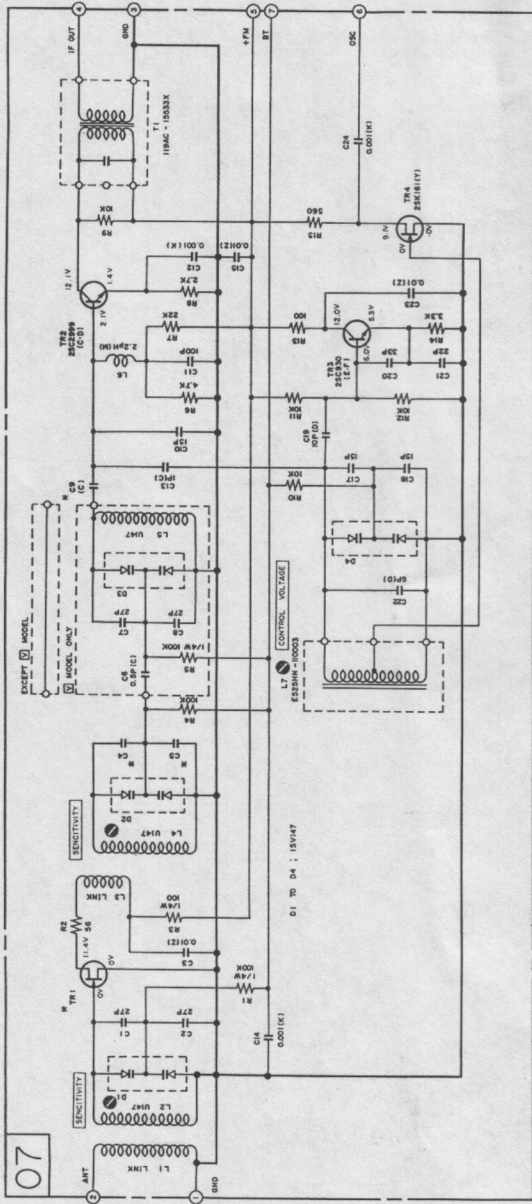


	TR1	C4	C5	C6
<input type="checkbox"/>	25K41H1	33P	33P	5P
EXCEPT <input type="checkbox"/>	25K4H1	27P	18P	15P

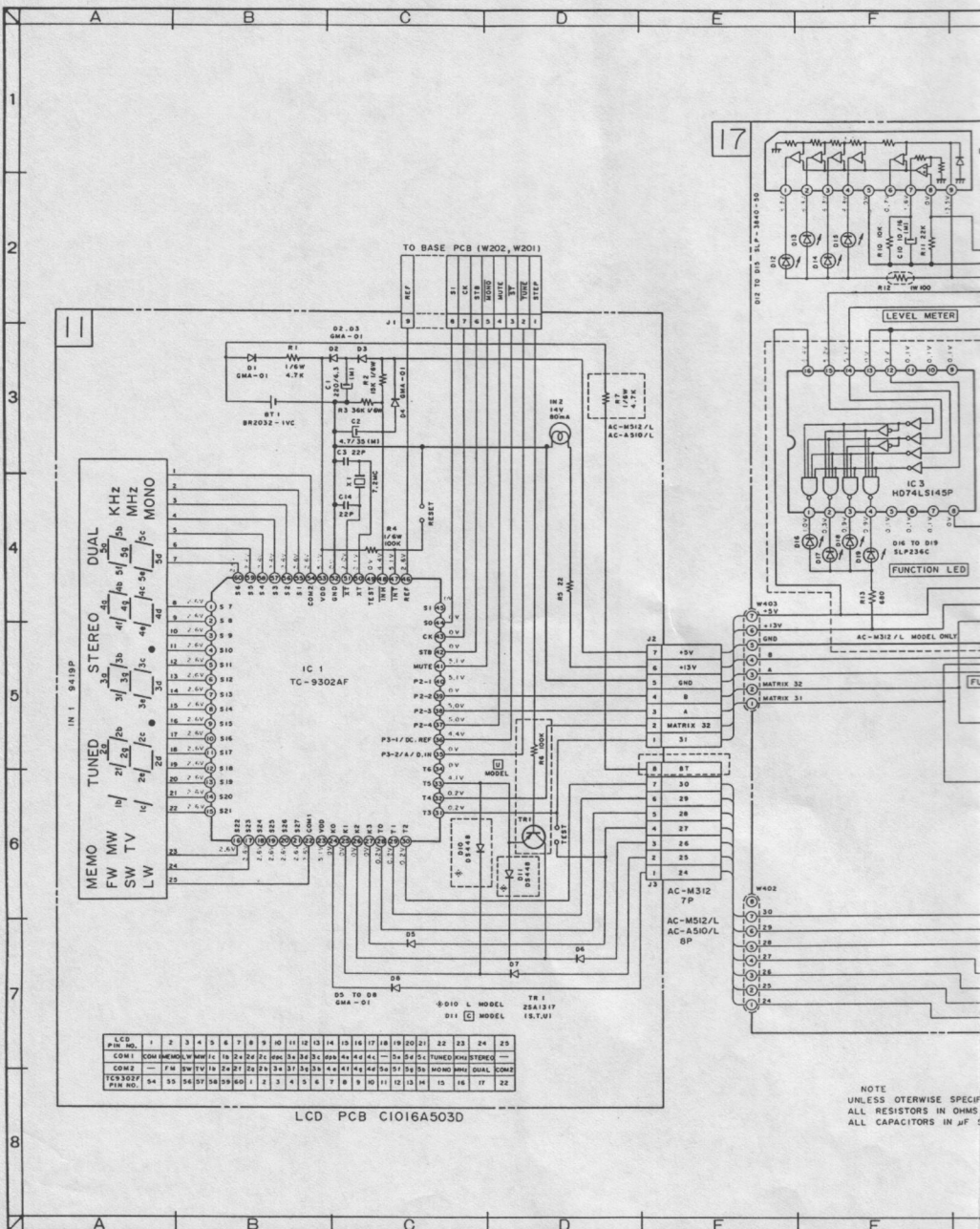


FRONT END PCB C1005B5040

FRONT END
SCHEMATIC DIAGRAM
NO. 7-6 870428A

EXCEPT MODEL ... FE1
 MODEL FE1

NOTE
UNLESS OTHERWISE SPECIFIED:
ALL RESISTORS IN OHMS 1/6W(J)
ALL CAPACITORS IN μ F 50WV(J)



LCD PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
COM1	MONO	MEMO	FM	TV	SW	MW	LW	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	9
COM2	FM	TV	SW	MW	LW	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	9	8	7
TC9302AF	54	55	56	57	58	59	60	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	22

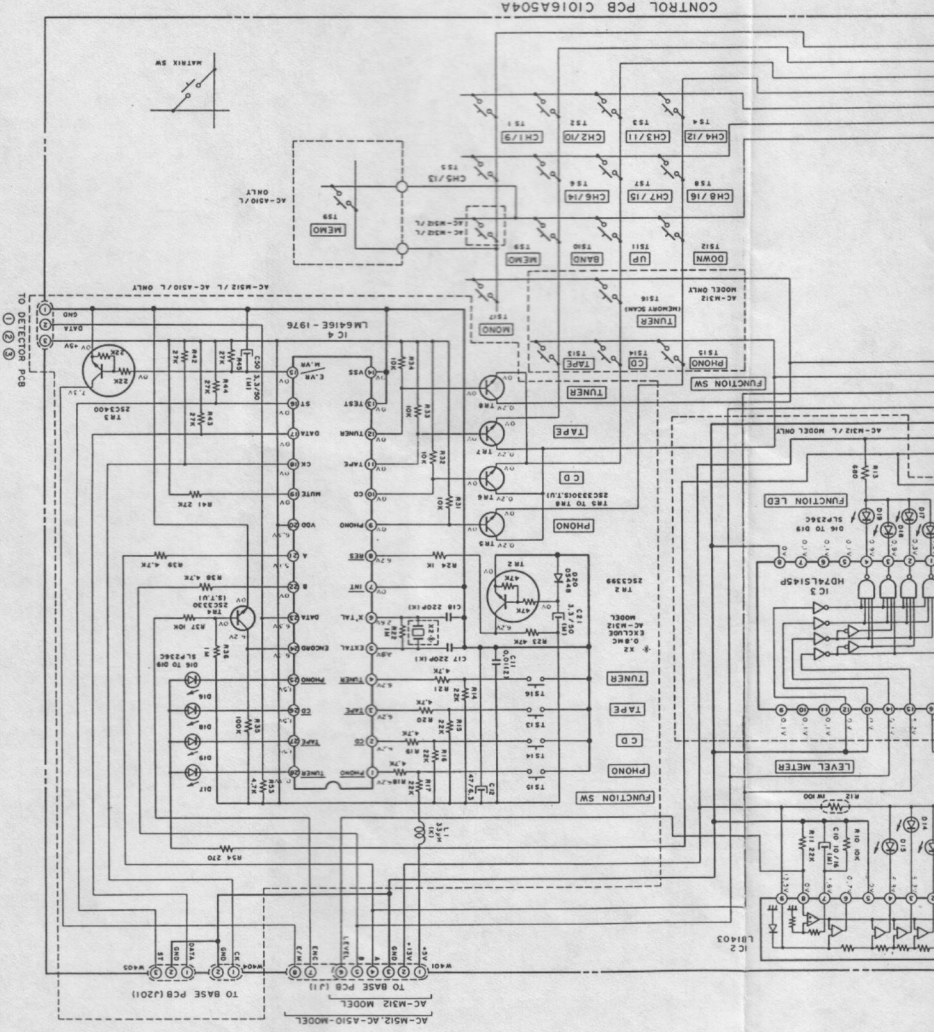
LCD PCB C1016A503D

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS
ALL CAPACITORS IN μ F

17

AC-M312/L, 512/L
AC-A510/L
CONTROL & LCD
SCHEMATIC DIAGRAM
NO. 7-5 870427A

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS (R) / W (W) / M (M) / K (K)
ALL CAPACITORS IN P.F. (P) / 50WV (V)

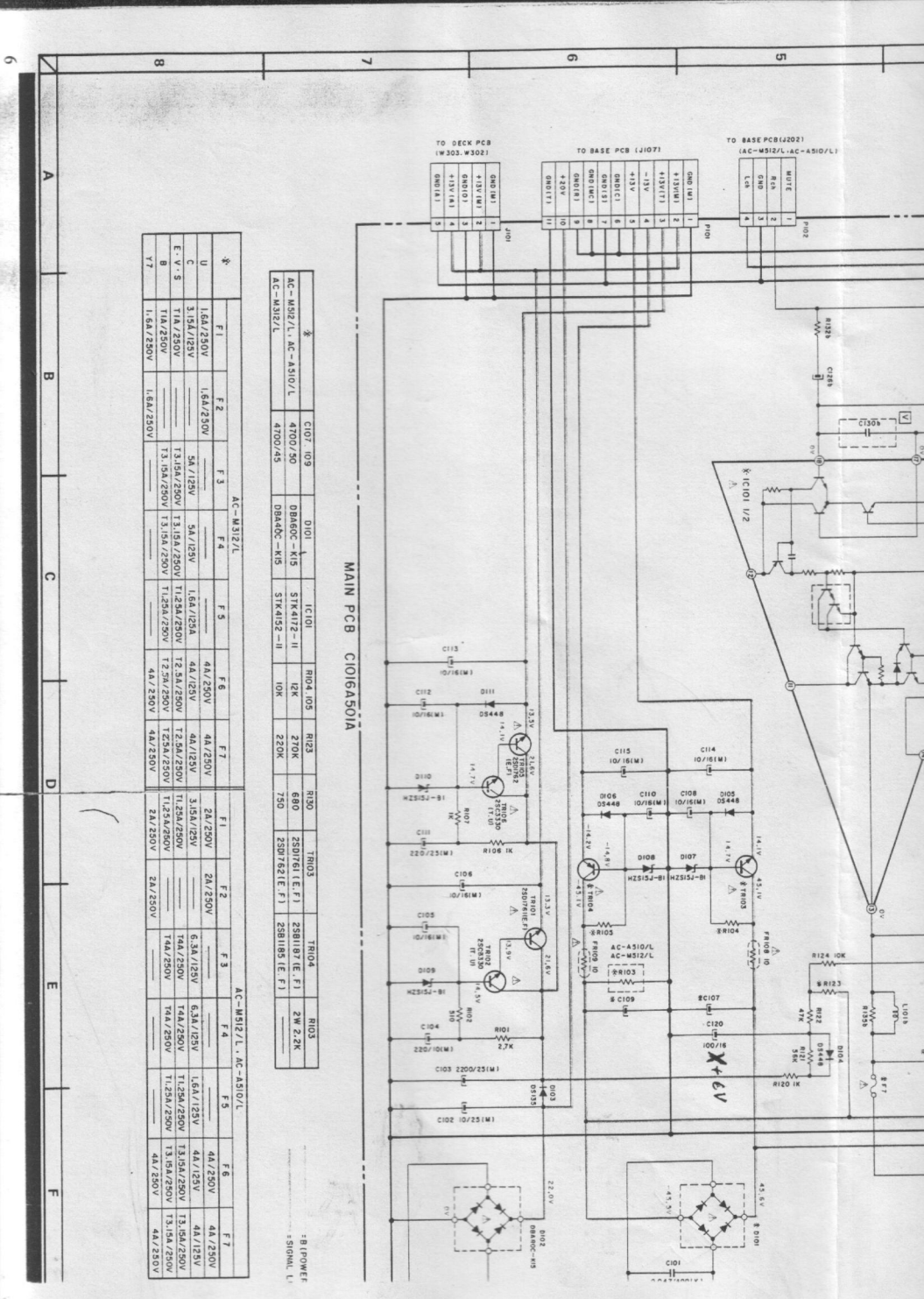


CONTROL PCB C1016A504A

TO DETECTOR PCB
①
②
③

AC-M312, AC-A510-MODEL
TO BASE PCB (J201)
AC-M312/L, AC-A510/L-MODEL
TO BASE PCB (J201)
AC-M312/L, AC-A510/L-MODEL
TO DETECTOR PCB (J202, J203, J204)

K H G F
8
7
6
5
4
3
2
1
K H G F

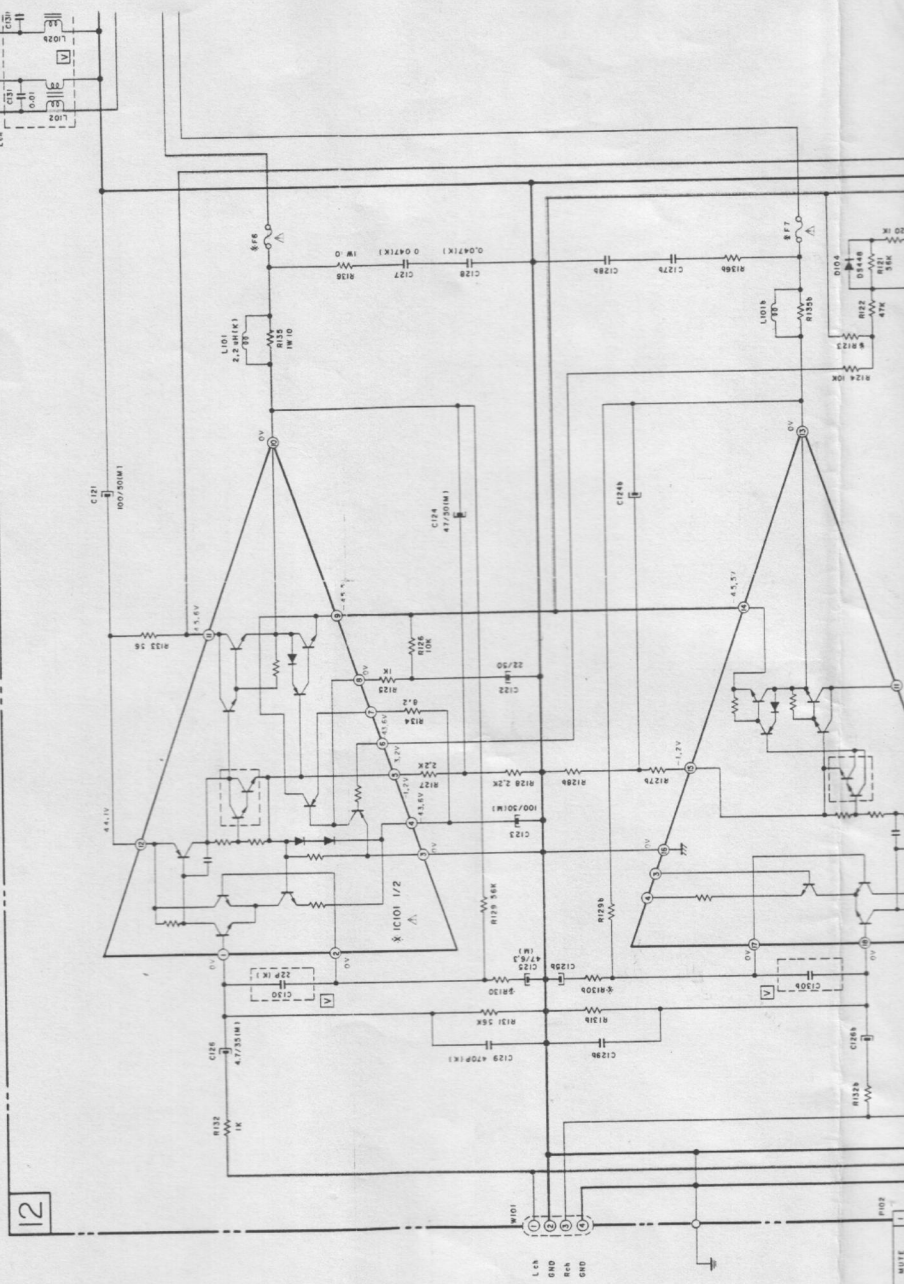


MAIN PCB C1016A501A

AC-M12/L, AC-AS10/L	C107, 40S	D101	IC101	R04, 10S	R23	R30	TN03	R103
AC-M12/L	4T00/50	D0A0C-K1S	3T141Z2-II	1ZK	270K	600	2S0T61E, F1	2W 2.2K
	4T00/45	D0A0C-K1S	3T141S2-II	10K	250K	750	2S0T62E, F1	2S0T19S, E, F1

Φ	AC-M12/L							AC-M12/L, AC-AS10/L							
	F1	F2	F3	F4	F5	F6	F7	F1	F2	F3	F4	F5	F6	F7	
U	1.6A/250V	1.6A/250V				4A/250V	4A/250V	2A/250V	2A/250V						
C	3.15A/125V		5A/125V	5A/125V	1.6A/125A	4A/125V	4A/125V	3.15A/125V		6.3A/125V	6.3A/125V	1.6A/125V	4A/125V	4A/125V	
E.V.S	T1A/250V		T3.15A/250V	T1.15A/250V	T1.25A/250V	T2.5A/250V	T2.5A/250V	T1.25A/250V		T4A/250V	T4A/250V	T1.5A/250V	T3.15A/250V	T3.15A/250V	
B	T1A/250V		T3.15A/250V	T1.15A/250V	T1.25A/250V	T2.5A/250V	T2.5A/250V	T1.25A/250V		T4A/250V	T4A/250V	T1.5A/250V	T3.15A/250V	T3.15A/250V	
Y7	1.6A/250V	1.6A/250V				4A/250V	4A/250V	2A/250V	2A/250V						

POWER SIGNAL L



12

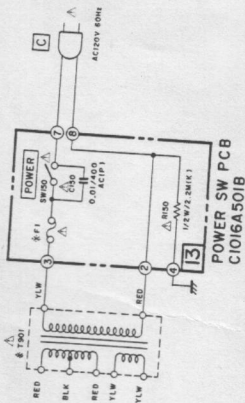
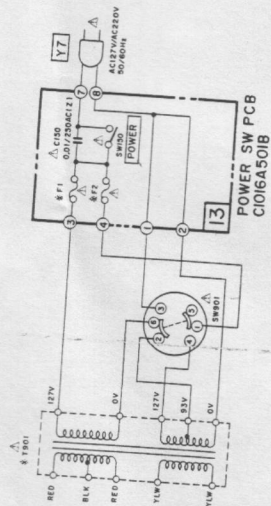
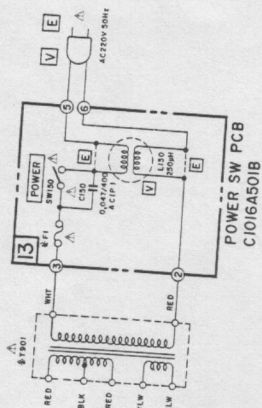
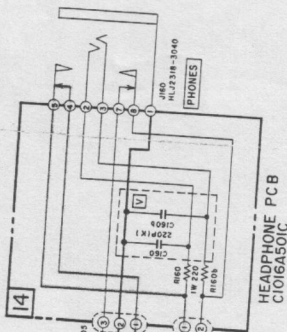
1

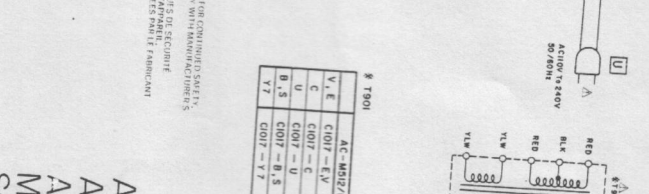
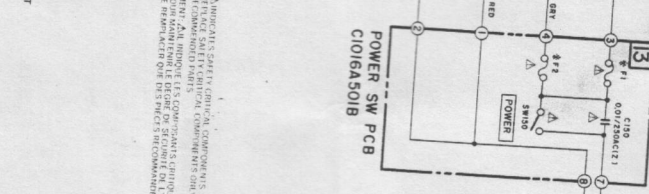
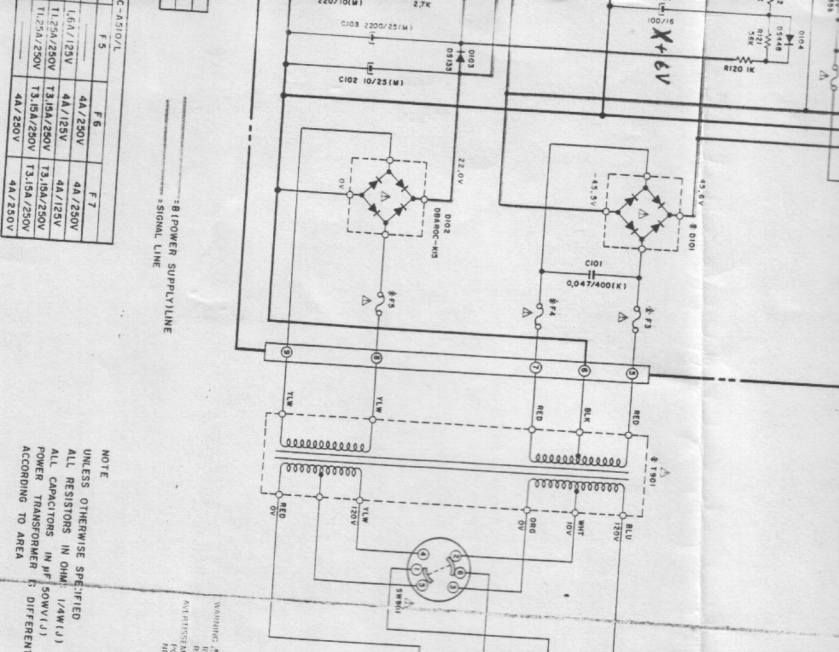
2

3

4

SPEAKERS (8 Ω to 16 Ω)





8 T901		8 T902	
V, E	C1017 - E, V	AC-M312/L	AC-M312/L
C	C1017 - C	C1018 - E, V	C1018 - E, V
U	C1017 - U	C1018 - C	C1018 - C
B, S	C1017 - B, S	C1018 - U	C1018 - U
Y, Z	C1017 - Y, Z	C1018 - B, S	C1018 - B, S
		C1018 - Y, Z	C1018 - Y, Z

POWER SUPPLY LINE
SIGNAL LINE

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHM (1/4W, 1/2W)
ALL CAPACITORS IN PF (50V, 100V)
POWER TRANSFORMER IS DIFFERENT
ACCORDING TO AREA

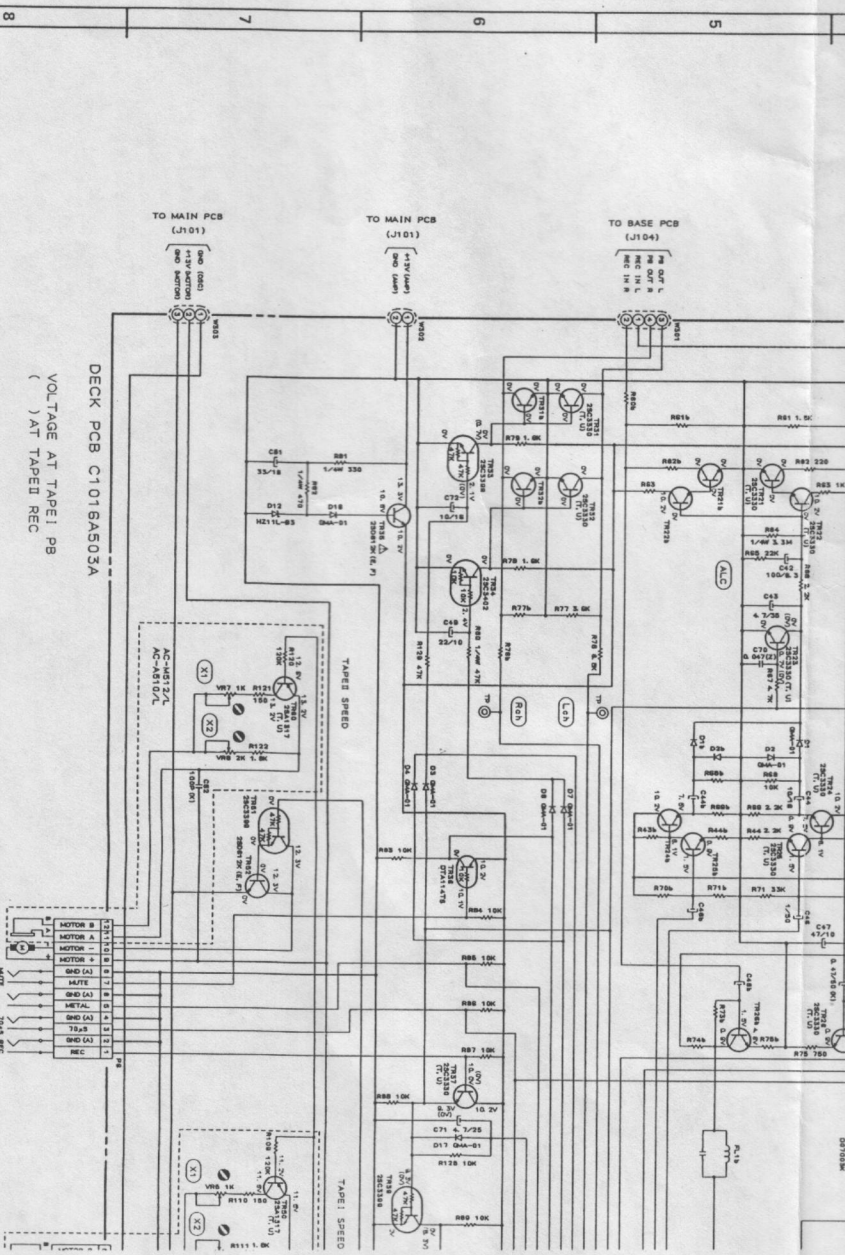
WARNING: A WARNING IS GIVEN TO THE OPERATOR FOR THE
DANGER OF ELECTRIC SHOCK. THE OPERATOR SHOULD
BE ADVISED THAT THE POWER SUPPLY LINE IS
CONNECTED TO THE MAIN POWER SUPPLY LINE.
BEFORE WORKING ON THE CIRCUITRY, THE OPERATOR
SHOULD DISCONNECT THE POWER SUPPLY LINE
FROM THE CIRCUITRY.

AC-M312/L
AC-M512/L
AC-A510/L
MAIN
SCHEMATIC DIAGRAM
NO. 7-2 870424A

POWER SW PCB
C1016A501B

E G H J K

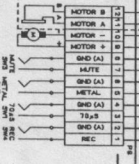
10
A B C D E



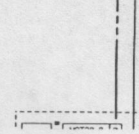
DECK PCB C1016A503A

VOLTAGE AT TAPES REC
() AT TAPES REC

TAPES REC



TAPES REC



TAPES REC

097008K

A B C D E

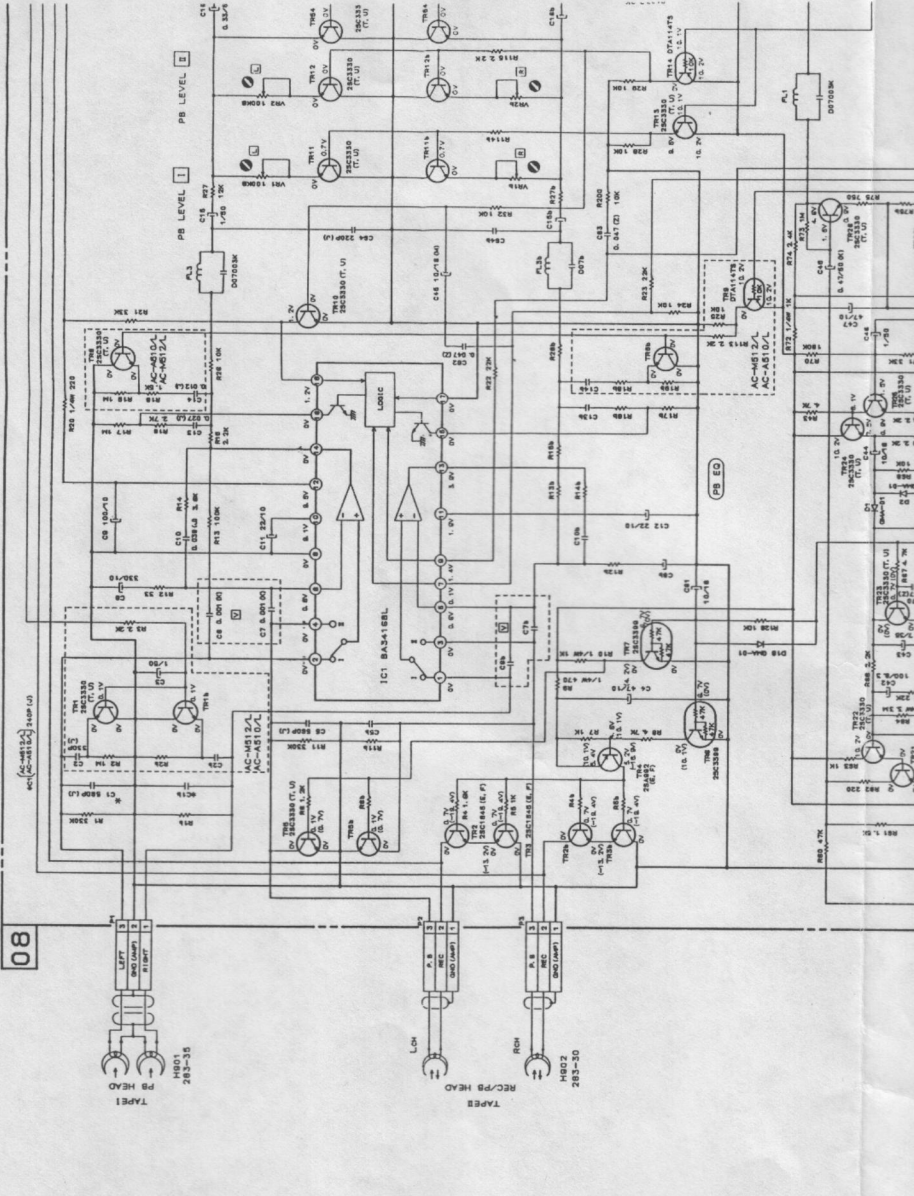
1

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4

08



REC/PB HEAD

HH02

283-30

HH01-288-283-35

PB ED

LCH

A.B

REC

HH01-288-283-30

A.B

REC

HH02

283-30

AC-AS101A

AC-AS101A

IC1 BA3-158L

LOGIC

AC-AS101B

AC-AS101B

AC-AS101B

PB LEVEL 1

PB LEVEL 2

PB LEVEL 3

PB LEVEL 4

PB LEVEL 5

PB LEVEL 6

PB LEVEL 7

PB LEVEL 8

PB LEVEL 9

PB LEVEL 10

PB LEVEL 11

PB LEVEL 12

PB LEVEL 13

PB LEVEL 14

PB LEVEL 15

PB LEVEL 16

PB LEVEL 17

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PB LEVEL 199

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PB LEVEL 202

PB LEVEL 203

PB LEVEL 204

PB LEVEL 205

PB LEVEL 206

PB LEVEL 207

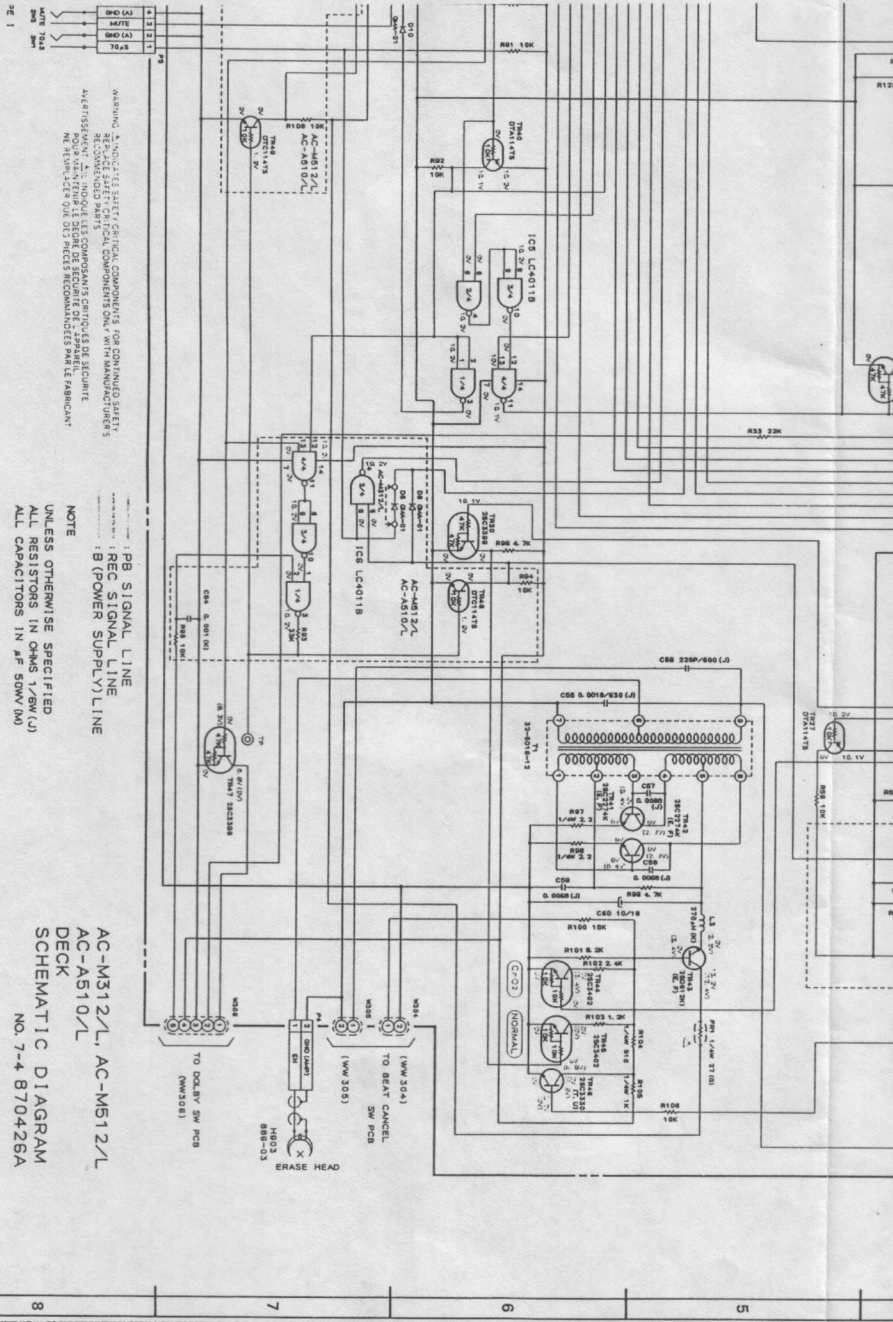
PB LEVEL 208

PB LEVEL 209

PB LEVEL 210

PB LEVEL 211

PB LEVEL 212



WARNING: AVOID CONTACT WITH ELECTRICAL COMPONENTS FOR CONTINUED SAFETY.
 REPAIRS SHOULD BE MADE BY QUALIFIED PERSONNEL ONLY. REFER TO THE SERVICE MANUAL FOR SAFETY PRECAUTIONS.
 REPAIRS SHOULD BE MADE BY QUALIFIED PERSONNEL ONLY. REFER TO THE SERVICE MANUAL FOR SAFETY PRECAUTIONS.

NOTE: PB SIGNAL LINE
 : REC SIGNAL LINE
 : B (POWER SUPPLY) LINE

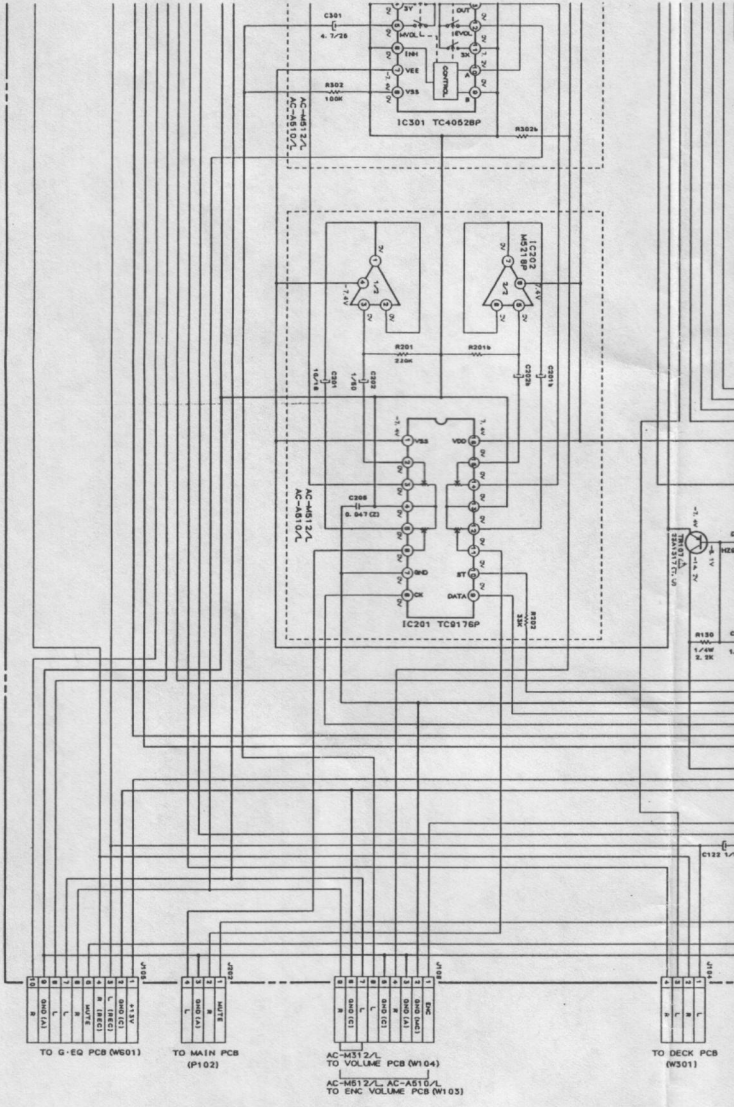
UNLESS OTHERWISE SPECIFIED
 ALL RESISTORS IN OHMS (1/8W, 1/4W, 1/2W)
 ALL CAPACITORS IN P.F. (50V, 100V)

AC-M512/L AC-M512/L
 AC-A510/L
 DECK
 SCHEMATIC DIAGRAM
 NO. 7-4-870426A

F G H J K

FM SIGNAL LINE
 AM SIGNAL LINE
 B (POWER SUPPLY) LINE

NOTE
 UNLESS OTHERWISE SPECIFIED
 ALL RESISTORS IN OHMS (1/8W (J))
 ALL CAPACITORS IN μF (50WV (M))



AC-M312/L, AC-M512/L,
 AC-AS10/L
 BASE
 SCHEMATIC DIAGRAM
 NO. 7-3 870425A

G

H

J

K

8

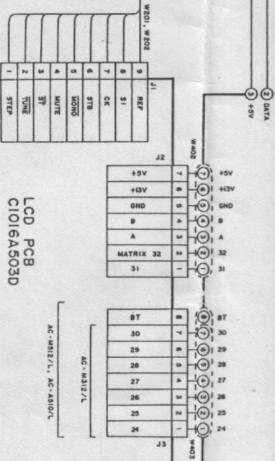
7

6

5

**DETECTOR PCB
C1016A504C**

AC-14801/L AC-14801/L

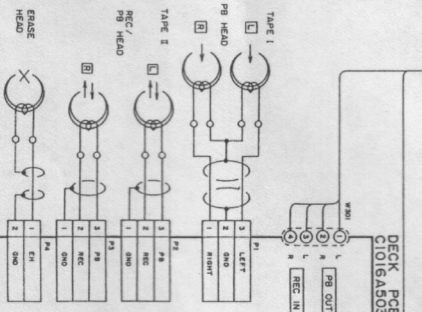


**LCD PCB
C1016A503D**

AC-14812/L AC-14801/L

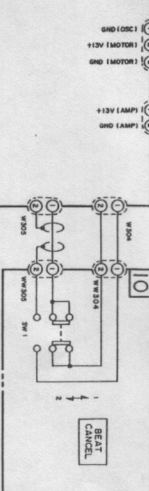
**DECK PCB
C1016A503A**

AC-14812/L AC-14801/L



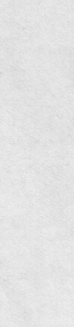
**BEAT SW PCB
C1016A503C**

AC-14812/L AC-14801/L



**DOLBY SW PCB
C1016A503B**

AC-14812/L AC-14801/L



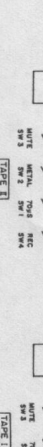
**TAPE 1
C1016A503E**

AC-14812/L AC-14801/L



**TAPE 2
C1016A503F**

AC-14812/L AC-14801/L



**ERASE
HEAD
C1016A503G**

AC-14812/L AC-14801/L



8

7

6

5

A

B

C

D

E

F

AC-M312/L, AC-M512/L
 AC-A510/L
 DECK BLOCK DIAGRAM
 NO.2-1 870430A

