

**SERVICE**

**MANUAL**

D O U B L E C A S S E T T E

**DECK**

**PC-9335**

**interM**

## ELECTRICAL PARTS LIST ( PC - 9335 )

Ref No.	Part No.	Description	Value	Qty	Remark
<b>MAIN B'D ( 4003319200 )</b>					
C140-141	3409233871-T	CAP AF RSG 0.33UF 50V 5 P	0.33/50	2	
C142	3409268872-T	CAP AF RSS 0.68UF 50V 4 P	0.68	1	
C144 C146 C107	3409210971-T	CAP AF RSG 1UF 50V 5 P	1/50	3	
C108 C114 C116 C121-122 C124 C130 C134 C136 C149 C152 C202 C206 C209 C215-216 C221 C224 C231 C403 3J106 C154	3409210071-T	CAP AF RSG 10UF 50V 5 P	10/50	22	
C120 C127 C129 C213 C227 C237 C413 5J114	3409210141-T	CAP AF RSG 100UF 25V 6 P	100/25	8	
C405 C407 C409	3409210171-T	CAP AF RSG 100UF 50V 8 P	100/50	3	
C401(DC ONLY)	3408210261	CAP RSG 1000UF 35V SNAP 16 P	1000/35	1	
C113 C411	3409222971-T	CAP AF RSG 2.2UF 50V 5 P	2.2/50	2	
C412	3409222044-T	CAP RG 22UF 25V 105C	22/25	1	
C219	3409222071-T	CAP AF RSG 22UF 50V 5 P	22/50	1	
C147	3409247871-T	CAP AF RSG 0.47UF 50V 5 P	0.47/50	1	
C402(DC ONLY)	3408222261	CAP RSA 2200UF 35V SNAP 18 P	2200/35	1	
C402(AC/DC)	3419568265	CAP HE 6800UF 35V 20 P LUG	6800/35	1	
C225	3409233971-T	CAP AF RSG 3.3UF 50V 5 P	3.3/50	1	
C103-104 C117 C131 C217-218 C238	3409247971-T	CAP AF RSG 4.7UF 50V 5 P	4.7/50	7	
C111 C133	3409247041-T	CAP AF RSG 47UF 25V 5 P	47/25	2	
C151 C204 C211	3409247071-T	CAP AF RSG 47UF 50V 6 P	47/50	3	
C404(AC/DC)	3409247121-T	CAP AF RSG 470UF 10V SG 8 P	470/10	1	
C404(DC ONLY)	3409222141-T	CAP AF RSG 220UF 25V J 8 P	220/25	1	
C0-1	3409247131-T	CAP AF SG 470UF 16V 10X12.5	470/16	2	
C234	3609102120-T	CAP MA 0.001UF 100V	0.001/100(M)	1	
C223	3609392120-T	CAP MA 0.0039UF 100V J	0.0039/100(M)	1	
C235-236	3609562120-T	CAP MA 0.0056UF 100V	0.0056/100(M)	2	
C201	3609822120-T	CAP MA 0.0082UF 100V	0.0082/100(M)	1	
C208 C230 C254	3609123120-T	CAP MA 0.012UF 100V J	0.012/100(M)	3	
C212 C229	3609153120-T	CAP MA 0.015UF 100V J	0.015/100(M)	2	
C205	3609223120-T	CAP MA 0.022UF 100V J	0.022/100(M)	1	
C222	3609273120-T	CAP MA 0.027UF 100V J	0.027/100(M)	1	
C226 C406 C408 C410	3609104122-T	CAP MA 0.1UF 100V J SMALL	0.1/100(M)	4	
C233	3619103210	CAP PL 10000PF 100V	10000P	1	
C232	3619332110	CAP PL 3300PF 50V J	3300P	1	
CON5 CON9 CON4 CON8 CON177 CON03	4428595002	LW5267/LWB0640/2.5MM-02P	2P	6	
CON10-11 CON100 NON6	4428598303	CONNECTOR WAFER LW-0640-3P	3P	4	
CON2 CON14	4428598306	CONNECTOR WAFER LW-0640-6P	6P	2	
CON23 CON200 CON27-28	4428595003	CON WAFER A2505WV2-03P	3P	4	
CON1	4428596604	LOCK WAFER LW-1143-04P	4P(3.96)	1	
CON6	4428598308	CONNECTOR WAFER LW-0640-8P	8P	1	
CON7	4428594512	(53014-1210)/2MM/MH51004	12P	1	
CON12	4428599311	WAFER 52004-1110 J.MOLEX	11P	1	
CON13	4428599313	WAFER 52004-1310 J.MOLEX	13P	1	
CON3	4428598307	CONNECTOR WAFER LW-0640-7P	7P	1	
CR137 CR143 CR216	3529103531-A	CAP CE F 10000PF 50V Z	0.01/50	3	
CR112 CR119 CR128 CR132 CR135 CR138-139 CR145 CR210 CR215 CR228 CR239 CR301	3539104531-A	CAP CE Y 100000PF 50V Z AXIAL	0.1/50	13	
CR203	3509331231-A	CAP CE B 330PF 50V K AXIAL	330P	1	
CR101-102	3509471231-A	CAP CE B 470PF 50V K AXIAL	470P	2	
CR105-106 CR115 CR118 CR123 CR126 CR220	3529470311-A	CAP CE SL 47PF 50V J AXIAL	47P	7	
CRYS1	3908101975	CRYSTAL 11.0592MHZ 49/U 20PF	11.0592MHZ	1	
D306 D309 D401-413	2058100996-T	DIODE RECTIFIER LT1N4006(4007)	1N 4006	15	
D101-102 D201-204 D301-302 D304-305 D307-308 D311-312 D414-415	2058304100	DIODE IN4148M	1N 4148	16	
DCIN2	4438094610	DC TERMINAL 2P	DC INPUT	1	
	4355939508	CORD LUG 1P PA-1000AR	ASSY 1P	1	
	4355934412	TERMINAL WIRE PE-9103	1P	2	
	4355934405	TERMINAL WIRE PP-9113	1P	2	
IC107	2118031540	IC BA 336 AMS (ROHM)	BA336	1	
IC301	2128121107	S3C8469X23-ATB5	K588P4632(KS88C4616)	1	
IC202	2128514003	IC NJU4066BD JRC	4066	1	
IC105	2118031107	IC S1A2284A01-I0U0 EOL	KA2284	1	
IC106	2118031440	IC BA335 BLANK SKIP(ROHM)	BA335	1	
IC401	2128610900	IC KA7815 COMMON	7815	1	

R9 R115	3009273973	RES CF 27K 1/5W J N	27K	2	
R86-87 R160 R164 R167	3009202973	RES CF 2K 1/5W J N	2K	5	
R66	3009332973	RES CF 3.3K 1/5W J N	3.3K	1	
R27 R35	3009392973	RES CF 3.9K 1/5W J N	3.9K	2	
R40	3009303973	RES CF 30K 1/5W J N	30K	1	
R47 R49	3009331973	RES CF 330 1/5W J N	330	2	
R22	3009334973	RES CF 330K 1/5W J N	330K	1	
R121 R123	3009333973	RES CF 33K 1/5W J N	33K	2	
R71	3009394973	RES CF 390K 1/5W J N	390K	1	
R81 R126	3009390973	RES CF 39 1/5W J N	39	2	
R61	3009393973	RES CF 39K 1/5W J N	39K	1	
R28 R36 R45 R114 R120 R130-131 R134 R148 R151 R174	3009302973	RES CF 3K 1/5W J N	3K	11	
R78 R107 R145 R147 R150	3009472973	RES CF 4.7K 1/5W J N	4.7K	5	
R96	3009471973	RES CF 470 1/5W J N	470	1	
R70	3009474973	RES CF 470K 1/5W J N	470K	1	
R11 R16 R54 R64 R69 R129 R133 R141 R143 R153 R155 R173 R113	3009473973	RES CF 47K 1/5W J N	47K	13	
R82 R100 R103 R112 R124 R163	3009562973	RES CF 5.6K 1/5W J N	5.6K	6	
R161	3009561973	RES CF 560 1/5W J N	560	1	
R50	3009563973	RES CF 56K 1/5W J N	56K	1	
R46 R48 R58-60 R75 R102 R110	3009682973	RES CF 6.8K 1/5W J N	6.8K	8	
R65	3009681973	RES CF 680 1/5W J N	680	1	
R8	3009683973	RES CF 68K 1/5W J N	68K	1	
R10 R20	3009752973	RES CF 7.5K 1/5W J N	7.5K	2	
R63	3009822973	RES CF 8.2K 1/5W J N	8.2K	1	
R85 R140 R142 R152 R154	3009821973	RES CF 820 1/5W J N	820	5	
R67	3009824973	RES CF 820K 1/5W J N	820K	1	
RLY1	5528999800	RELAY 876A N-2C-S 12VDC	12V	1	
SVR3-6	3248322220-T	RH063MCJ3R	2.2K	4	
SVR1-2	3248310320-T	RH063MC14R	10KB	2	
SHILED	6735990710	SHIELD PLATE	SHILED	1	
TRAP1	2658599960	COIL 126XC-K5110Z-KR	126XC	1	
TER1	4438094610	DC TERMINAL 2P	DC INPUT	1	
WR1	3039101572-F	RES MO 100 2W J N	100 2W	1	
WR6	3009100973	RES CF 10 1/5W J N	10	1	
WR2	3039100472-T	RES MO 10 1W J T	10 1W	1	
WR3	3039100572-F	RES MO 10 2W J N	10 2W	1	
WR5	3039100575-T	RES MO 10 2W JR	10 2W	1	
WR4	3039330575-T	RES MO 33 2W J RADIAL	33 2W	1	
WR7	3039479575-T	RES MO 4.7 2W J RADIAL	4.7 2W	1	
XTAL1	3908101975	CRYSTAL 11.0592MHZ 49/U 20PF	11.0592MHz	1	
ZD2 ZD4	2058500973	DIODE UZ-4.7BM	UZ 4.7BM	2	
ZD3 ZD5	2058502056	DIODE ZENER UZ-5.6BM(1N5232B)	UZ 5.6BM	2	
ZD1	2058502082	DIODE ZENER UZ-8.2BM(1N5237B)	UZ8.2BM	1	
DE1			PLAY/BACK	1	
DE2			REC/PLAY	1	
DE3			ERASE	1	

#### DISPLAY B'D ( 4003317620 )

AN10	4355914213	CON ASSY 8P PC-9335	8P	1	
AN11	4355914313	CONASSY 7P PC-9335	7P	1	
LED1-10 LED15-16	2300030105	LED LTL-1CHE-021A LITEON	LED	12	
LED13-14 LED11-12	2300031105	LED LTL-1CHY-021A LITEON	LED	4	
R176-178	3009821973	RES CF 820 1/5W J N	820	3	

#### SWITCH B'D ( 4003317610 )

AN9	4355874710	CONNECTOR ASSY 3P PC-9335	3P	1	
AN8A AN8B	4355914111	CON ASSY 12P PC-9335	12P	2	
AN6	4355839906	CON ASSY 3P SILK "3"	3P	1	

IC402	2128611206	IC 7805 G.S	7805	1	
IC403	2128610500	IC 7812 COMMON	7812	1	
IC201	2118010432	IC NJM2068DD JRC	NJM 2068DD	1	
IC101-104 IC203	2118010590	IC NJM4558D JRC	NJM 4558D	5	
JK9 JK101-103	4438097310	JACK PHONE 4P	PHONE 4P	4	
L201	2648099910-T	COIL INDUCTOR 6.3MH	6.3mH	1	
L202	2648099909-T	COIL INDUCTOR 2MH	2mH	1	
L8	2638699950	COIL CQN-K5139YCT	5139Y	1	
L5	2658599960	COIL 126XC-K5110Z-KR	105K	1	
Q101 Q103-105 Q108-110 Q112 Q204 Q216 Q305 Q310-313 Q323-325 Q404 Q808	2008606998-T	KTD1302-AT	KTD1302	20	
Q102 Q111 Q211 Q215 Q218 Q302 Q307 Q317 Q319 Q405	2008606110-T	KRC107M-AT	KRC 107M	10	
Q201-202 Q206-207 Q219-222	2008606112-T	KRC111M-AT	KRC 111M	8	
Q213 Q2144	2008606100-T	KTC-200-Y-AT	KTC 200Y	2	
Q208	2008609104-T	MPSA06-AT	MPSA 06	1	
Q210 Q314-316 Q318 Q320 Q322 Q401-402 Q407	2008606105-T	TR NPN KTA1266-Y-AT TO-92	KTA1266Y	10	
Q203 Q217 Q321 Q403	2008606111-T	KRA107M-AT	KRA 107M	4	
Q303-304 Q308-309	2008606113-T	KTA1271-Y-AT	KTA 1271	4	
Q107	2008206999-T	KTA200-Y-AT	KTA 200Y	1	
Q214 Q301 Q306 Q406	2008209100-T	MPSA56-AT	MPSA 56	4	
R114 R125 R144 R170 R219 R246 R257 5J103	3009101973	RES CF 100 1/5W J N	100	8	
R106-107 R110-111 R119-120 R123-124 R129 R133-134 R145 R148 R203-204 R206 R214-215 R218 R223 R228-229 R239-240 R243 R1300	3009104973	RES CF 100K 1/5W J N	100K	26	
R138-139 R258	3009100973	RES CF 10 1/5W J N	10	3	
R102-105 R152 R158 R164 R225 R302 R310 R340 R405-407 R409-410 R1660 3J304	3009103973	RES CF 10K 1/5W J N	10K	18	
R136-137 R231	3009123973	RES CF 12K 1/5W J N	12K	3	
R121-122 R127-128 R132 R171 C125	3009153973	RES CF 15K 1/5W J N	15K	7	
R101	3009109973	RES CF 1 1/5W J N	1	1	
R140 R149 R163 R232-233 R325-327 R337 R411 R414	3009102973	RES CF 1K 1/5W J N	1K	11	
R236	3009222973	RES CF 2.2K 1/5W J N	2.2K	1	
R2201	3009272973	RES CF 2.7K 1/5W J N	2.7K	1	
R118 D416	3009334973	RES CF 330K 1/5W J N	330K	2	
R226-227 R328 R339 R146	3009203973	RES CF 20K 1/5W J N	20K	5	
R224	3009201973	RES CF 200 1/5W	200	1	
R201-202 R212-213	3009221973	RES CF 220 1/5W J N	220	4	
R150	3009243973	RES CF 24K 1/5W JN CDC-9300	24K	1	
R109 R255	3009273973	RES CF 27K 1/5W J N	27K	2	
R221-222 R244-245 R401 R403 R408	3009202973	RES CF 2K 1/5W J N	2K	7	
R126 R130	3009392973	RES CF 3.9K 1/5W J N	3.9K	2	
R143 R172 R135	3009303973	RES CF 30K 1/5W J N	30K	3	
R344-345	3009331973	RES CF 330 1/5W J N	330	2	
R248-249	3009333973	RES CF 33K 1/5W J N	33K	2	
R230	3009471973	RES CF 470 1/5W J N	470	1	
R160-161	3009394973	RES CF 390K 1/5W J N	390K	2	
R207 R216	3009390973	RES CF 39 1/5W J N	39	2	
R154	3009393973	RES CF 39K 1/5W J N	39K	1	
R141-142 R220 R234 R251-252 R254 R304 R312 R329 R331 R333 R335 R342 R346-348 R412	3009302973	RES CF 3K 1/5W J N	3K	18	
R208 R241 R303 R311 R338	3009472973	RES CF 4.7K 1/5W J N	4.7K	5	
R115 R147 R155 R162 R167 R250 R253 R306 R308 R313 R315 R317-324 R330 R332 R334 R336 R341 R413	3009473973	RES CF 47K 1/5W J N	47K	25	
R205 R217 R235 R238 R247 R402	3009562973	RES CF 5.6K 1/5W J N	5.6K	6	
R151 R165 R237 R242 R168-169	3009682973	RES CF 6.8K 1/5W J N	6.8K	6	

R156	3009681973	RES CF 680 1/5W J N	680	1	
R108	3009683973	RES CF 68K 1/5W J N	68K	1	
R116 R166	3009752973	RES CF 7.5K 1/5W J N	7.5K	2	
R153	3009822973	RES CF 8.2K 1/5W J N	8.2K	1	
R211 R305 R307 R314 R316	3009821973	RES CF 820 1/5W J N	820	5	
R159	3009824973	RES CF 820K 1/5W J N	820K	1	
RLY201	5528999800	RELAY 876A N-2C-S 12VDC	12V	1	
R113			3J	1	
R157 R301 R309	3009183973	RES CF 18K 1/5W J N	18K	3	
SVR201-202	3248310320-T	RES SEMI RH063MC14R	10KB	2	
SVR301-304	3248322220-T	RES SEMI RH063MCJ3R	2KB	4	
SHILED	6735990710	SHIELD PLATE	SHILED	1	
VR101-102	3228083020	VR RK0971110A0113B	VR10KB	2	
WR101	3039101572-F	RES MO 100 2W J N	100 2W	1	
WR102	3039100472-T	RES MO 10 1W J T	10 1W	1	
WR401	3039100572-F	RES MO 10 2W J N	10 2W	1	
WR403	3039100575-T	RES MO 10 2W JR	10 2W	1	
WR402	3039330575-T	RES MO 33 2W J RADIAL	33 2W	1	
ZD202 ZD403	2058500973	DIODE UZ-4.7BM	UZ 4.7BM	2	
ZD401-402	2058502056	DIODE ZENER UZ-5.6BM(1N5232B)	UZ 5.6BM	2	
ZD201	2058502082	DIODE ZENER UZ-8.2BM(1N5237B)	UZ 8.2BM	1	
DE4			PLAY/BACK	1	
DE5			REC/PLAY	1	
DE6			ERASE	1	

#### SWITCH B'D ( 4003319210 )

CN601 ( C , D , E , R )	4355839906	CON ASSY 3P SILK *3"	3P	1	
CON17-18 ( C , D , E , R )	4355914111	CON ASSY 12P PC-9335	12P	2	
D501 D601	2058304100	DIODE IN4148M	1N 4148	2	
SW1 SW601 ( C , D , E , R )	4618999910	SW SS65010-0203-9H-FN	MODE	2	
TACT1-18	4628985710	TACT THVV501BAA	9MM SW	18	

#### DISPLAY B'D ( 4003319220 )

CON20 ( C , D , E , R )	4355914213	CON ASSY 8P PC-9335	8P	1	
CON19 ( C , D , E , R )	4355914313	CONASSY 7P PC-9335	7P	1	
LED1-4	2308237802-T	SLR 34YY 25	LED	4	
LED5-16	2308232222-T	SLR 34URF 25	LED	12	
R506	3009271973	RES CF 270 1/5W J N	270	1	
R503-505 R507-512	3009680973	RES CF 68 1/5W J N	68	9	
R501-502 R513	3009821973	RES CF 820 1/5W J N	820	3	

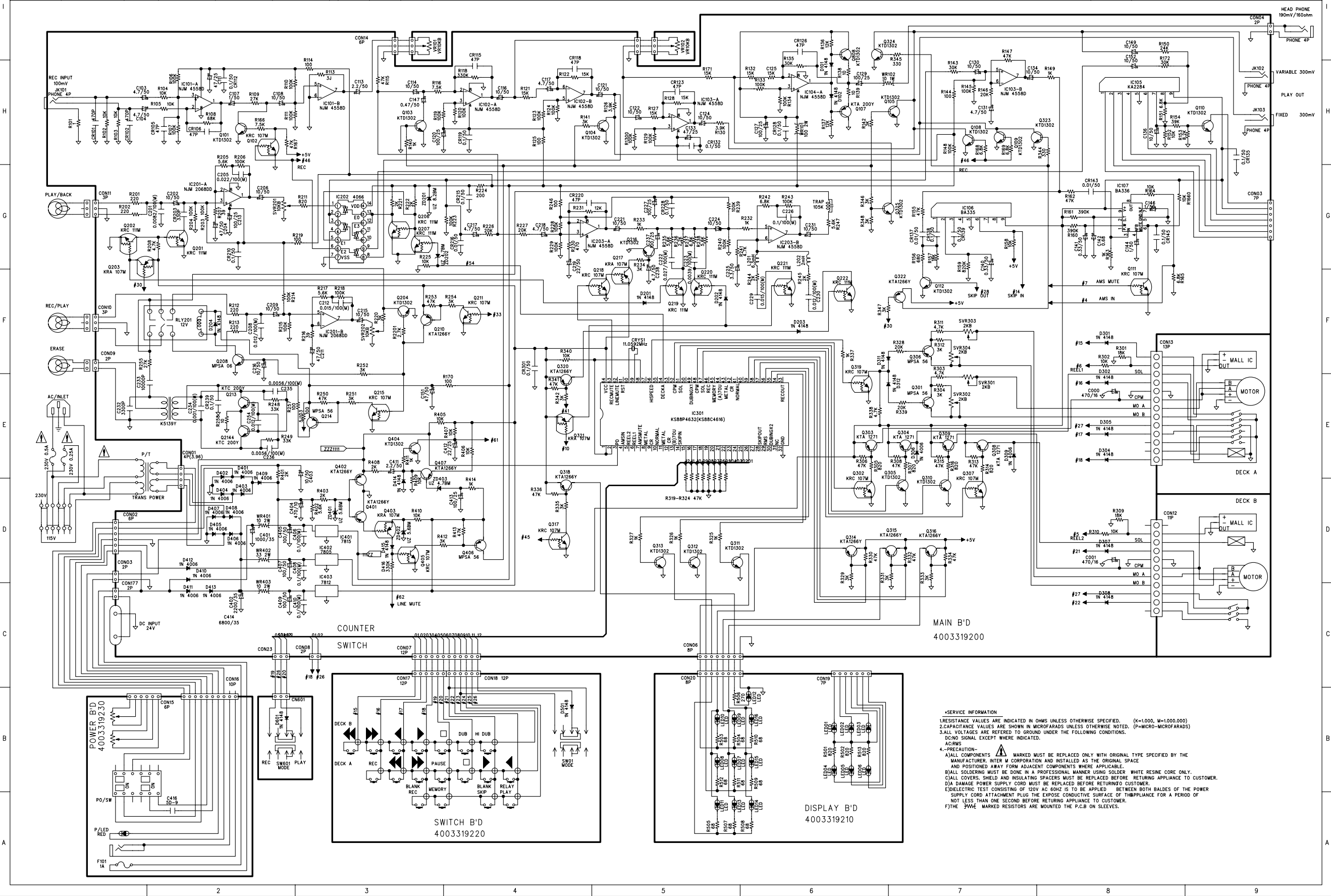
#### VOLUME B'D ( 4003319230 )

C416 ( C , D , E , R )	2438205909	POWER THERMISTOR NTC 5D-9	5D-9	1	
CON16 ( C , D , E , R )	4355914614	CON ASSY 10P PC-9335	10P	1	
CON15 ( C , D , E , R )	4355914007	CON ASSY 6P PC-9335	6P	1	
F101	4458999110	FUSE CLIP 5*20	1A	1	
	5508112230	FUSE 51S 20MM 1A/250V K/U/C/J			
JK4	4438097310	JACK PHONE 4P	PHONE 4P	1	
P/LED	2300030100	LED LTL-1CHE LITEON	RED	1	
	6705017910	LED SPACER PC-9335			
PO/SW ( C , D , E , R )	4628983810	SW PUSH JPA010-301PH-72 JAEIL	PO/SW	1	
VR19-20	3228083020	VR RK0971110A0113B	10KB	2	

#### ASS'Y

AC CORD	4308996710 4308998000 4308999310 4308999410	AC CORD (WITHOUT PLUG) AC CORD POWER FOR SAA AC CORD UL 3 (INLET) AC CORD V-VIIIA-250VHOVV-F3G	C D E R	1 1 1 1	
AC INLET	4448997110 4448996910	AC INLET NO.KE-10.2100.151 AC INLET BACI-05-E1A (BELTON)	C , R D , E	1 1	AC2
CAP	3639104111-T	CAP ECQ-V 1H104JL2 0.1UF 50V		1	
CON	4355914414 4355914508	CON ASSY 3P PC-9335 CON ASSY 5P PC-9335		1 1	
FUSE	5508221230 4448997120 4458999110 5508411239 4448996911 5508221233 5508121737	FUSE NB 31.8MM 250MA/250V KS FUSE DRAWER NO.4305.0001(20MM) FUSE CLIP 5*20 FUSE#218T 20MM 250MA/250V UCSK FUSE DRAWER(31.8MM) FUSE NB 31.8MM 250MA/250V U/C FUSE 61S 31.8MM 500MA/250V U/C	C , R C , D , E , R C , R D , E D E	1 1 2 1 1 1	F4-5
PT	2828078510 2828078500	POWER TRANS PC-9335 (EUROPE) TRANS POWER PC-9335	C , R D , E	1 1	PT2
VOL.	4448997112 4448996916	VOLTAGE 4305.0048.17(115/230) VOLTAGE SELECTOR 120/240V	C , R D , E	1 1	

### DUBLE CASSETTE LOGICDECK



**\*SERVICE INFORMATION**

1. RESISTANCE VALUES ARE INDICATED IN OHMS UNLESS OTHERWISE SPECIFIED. (K=1,000, M=1,000,000)
2. CAPACITANCE VALUES ARE SHOWN IN MICROFARADS UNLESS OTHERWISE NOTED. (P=PICTO-MICROFARADS)
3. ALL VOLTAGES ARE REFERRED TO GROUND UNDER THE FOLLOWING CONDITIONS:  
DC=NO SIGNAL EXCEPT WHERE INDICATED.  
AC=MS
4. PRECAUTION-  
A) ALL COMPONENTS MARKED MUST BE REPLACED ONLY WITH ORIGINAL TYPE SPECIFIED BY THE MANUFACTURER, INTER M CORPORATION AND INSTALLED AS THE ORIGINAL SPACE AND POSITIONED AWAY FROM ADJACENT COMPONENTS WHERE APPLICABLE.  
B) ALL SOLDERING MUST BE DONE IN A PROFESSIONAL MANNER USING SOLDER WHITE RESIN CORE ONLY. C) ALL COVERS, SHIELD AND INSULATING SPACERS MUST BE REPLACED BEFORE RETURNING APPLIANCE TO CUSTOMER.  
D) A DAMAGE POWER SUPPLY CORD MUST BE REPLACED BEFORE RETURNING TO CUSTOMER.  
E) DIELECTRIC TEST CONSISTING OF 120V AC 60HZ IS TO BE APPLIED BETWEEN BOTH BALDES OF THE POWER SUPPLY CORD ATTACHMENT PLUS THE EXPOSED CONDUCTIVE SURFACE OF THE APPLIANCE FOR A PERIOD OF NOT LESS THAN ONE SECOND BEFORE RETURNING APPLIANCE TO CUSTOMER.  
F) THE 3WV MARKED RESISTORS ARE MOUNTED THE P.C.B ON SLEEVES.