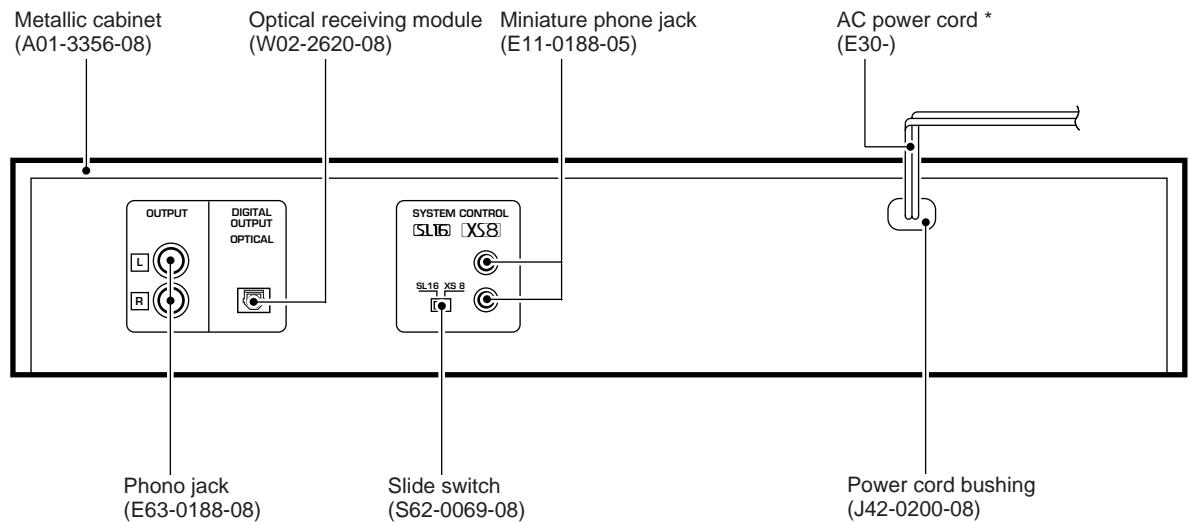
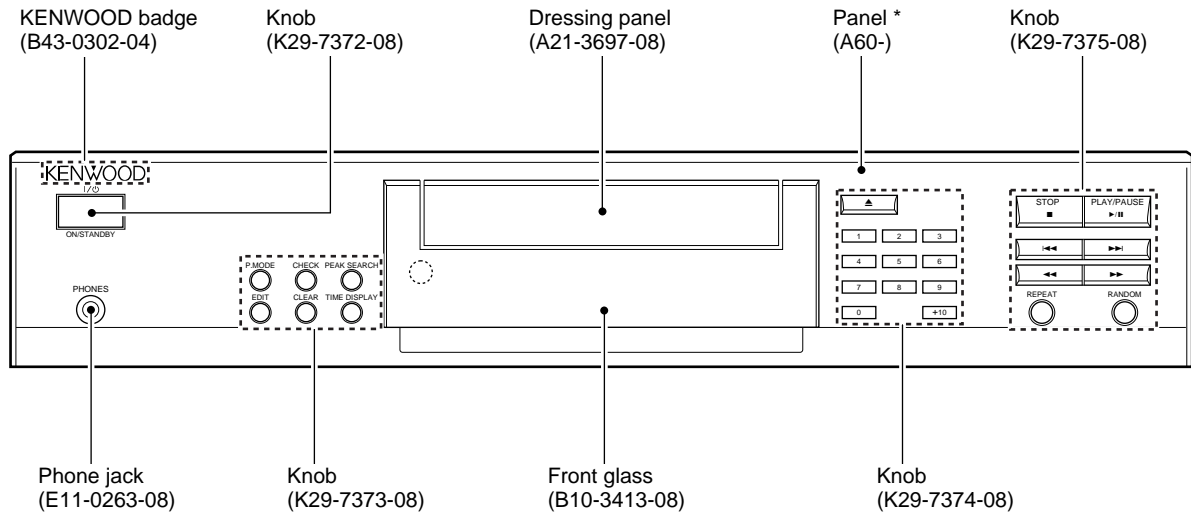


DPF-1010/1010E/2010/ 2010E/3010/3010E SERVICE MANUAL



Illust is DPF-3010.

* Refer to parts list on page 14.

In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

Refer to DP-3080MKII/3090 Service manual (B51-5349-00), if you require disassembly for repair.

KENWOOD-Corp. certifies this equipment conforms to DHHS Regulations No. 21 CFR 1040. 10, Chapter 1, Subchapter J.

**DANGER : Laser radiation when open and interlock defeated.
AVOID DIRECT EXPOSURE TO BEAM.**



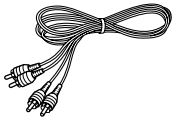
CONTENTS / ACCESSORIES

Contents

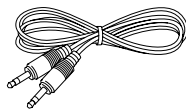
CONTENTS/ACCESSORIES	2	SCHEMATIC DIAGRAM	7
CIRCUIT DESCRIPTION	3	EXPLODED VIEW	12
ADJUSTMENT	4	PARTS LIST	14
PC BOARD	5	SPECIFICATIONS	Back cover

Accessories

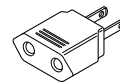
Audio cord (1)
(E30-2841-08)



System control cord (1)
(E30-2733-05)

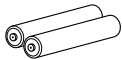


AC plug adaptor (1)
(E03-0115-05)



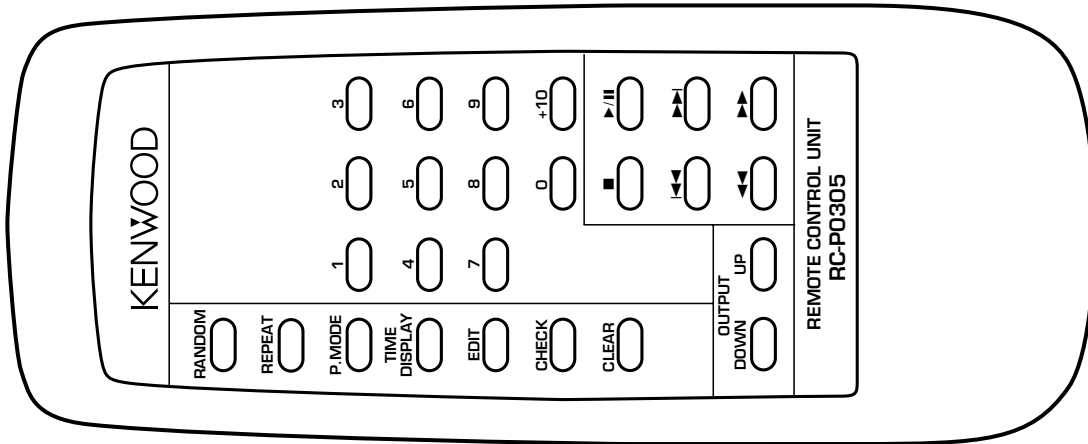
Use to adapt the plug on the power cord to the shape of the wall outlet.
(Accessory only for regions where use is necessary.)

Batteries (R6/AA) (2)



Remote control unit (1)
(A70-1181-08) : RC-P0305

Battery cover : (A09-0356-08)



CIRCUIT DESCRIPTION

1. Microprocessor : CXP82324 (MAIN unit : IC601)

1-1 Pin description

Pin No.	Pin name	I/O	Description
1	GFS	I	NOT USED
2	RMC	I	REMOCON INPUT PORT
3-5	PE5~7	-	NOT USED
6	MUTE	O	DIGITAL MUTE (ON : "H") DPF-1010/2010 ONLY
7	MLEN	O	TC9423F LATCH CONTROL
8	MCK	O	TC9423F CLOCK CONTROL
9	SENS	I	SENSE INPUT FROM CXD2587Q
10	MDT	O	TC9423F DATA CONTROL
11	SQCK	O	CLOCK TO READ Q_DATA
12	SUBQ	I	Q_DATA INPUT PORT
13	PB7	O	NOT USED
14-17	KR0-KR3	I	KEY INPUT PORT
18	OPEN_M	O	OPEN MOTOR (ACTIVE "L")
19	CLOSE_M	O	CLOSE MOTOR (ACTIVE "L")
20	MON	O	SPINDLE MOTOR ON "H"
21	PC7	O	NOT USED
22	DATA	O	DATA OUT TO CXD2587Q
23	XLT	O	LATCH OUT TO CXD2587Q
24	CLK	O	CLOCK OUT TO CXD2587Q
25	FOK	I	FOCUS OK INPUT PORT
26	LDON	O	LASER OUTPUT (ON : "L")
27	A_MUTE	O	ANALOGUE MUTE (ON : "H")
28	XRST	O	IC RESET PORT
29	PA7	I	OPTION L : DPF-1010/2010 H : DPF-3010
30	RESET	-	(RESET)
31	XI	-	(XTAL1) 4.19 MHz
32	XO	-	(XTAL0) 4.19 MHz
33	Vss	-	(GND)
34-46	-	O	NOT USED
47-57	SEG11~SEG1	O	FL SEGMENT PORT (SEG11~SEG1) / KEY SCAN KS10~KS4 (48PIN~54PIN)
58-61	-	O	NOT USED
62-70	G9-G1	O	FL DIGIT PORT
71	Vfdp	-	FL DRIVER POWER (-26V)
72	Vdd	-	(+5V)
73	NC	-	CONNECTED TO Vdd
74	FED_SW	I	LIMIT SWITCH (ON : "L")
75	MODE_SW	I	8/16BIT (L : 8BIT , H : 16BIT)
76	S_DATA	I/O	SYSTEM SERIAL DATA
77	S_BUSY	I/O	SYSTEM SERIAL BUSY
78	SCCR	I	SCOR FROM CXD2587
79	OP_SW	I	OPEN SWITCH (ON : "L")
80	CL_SW	I	CLOSE SWITCH (ON : "L")

2. Key matrix

	KS10 (48pin)	KS9 (49pin)	KS8 (50pin)	KS7 (51pin)	KS6 (52pin)	KS5 (53pin)	KS4 (54pin)
KR0 (14pin)	2	4	3	<u>▲</u>	6	5	1
KR1 (15pin)	8	10	REPEAT	—	7	0	9
KR2 (16pin)	◀◀	▶▶	STOP	RANDOM	▶▶	▶▶	◀◀
KR3 (17pin)	EDIT	CLEAR	TIME	—	PEAK SEARCH	CHECK	PROGRAM

ADJUSTMENT

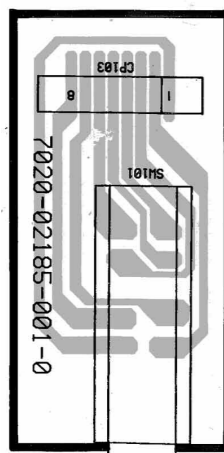
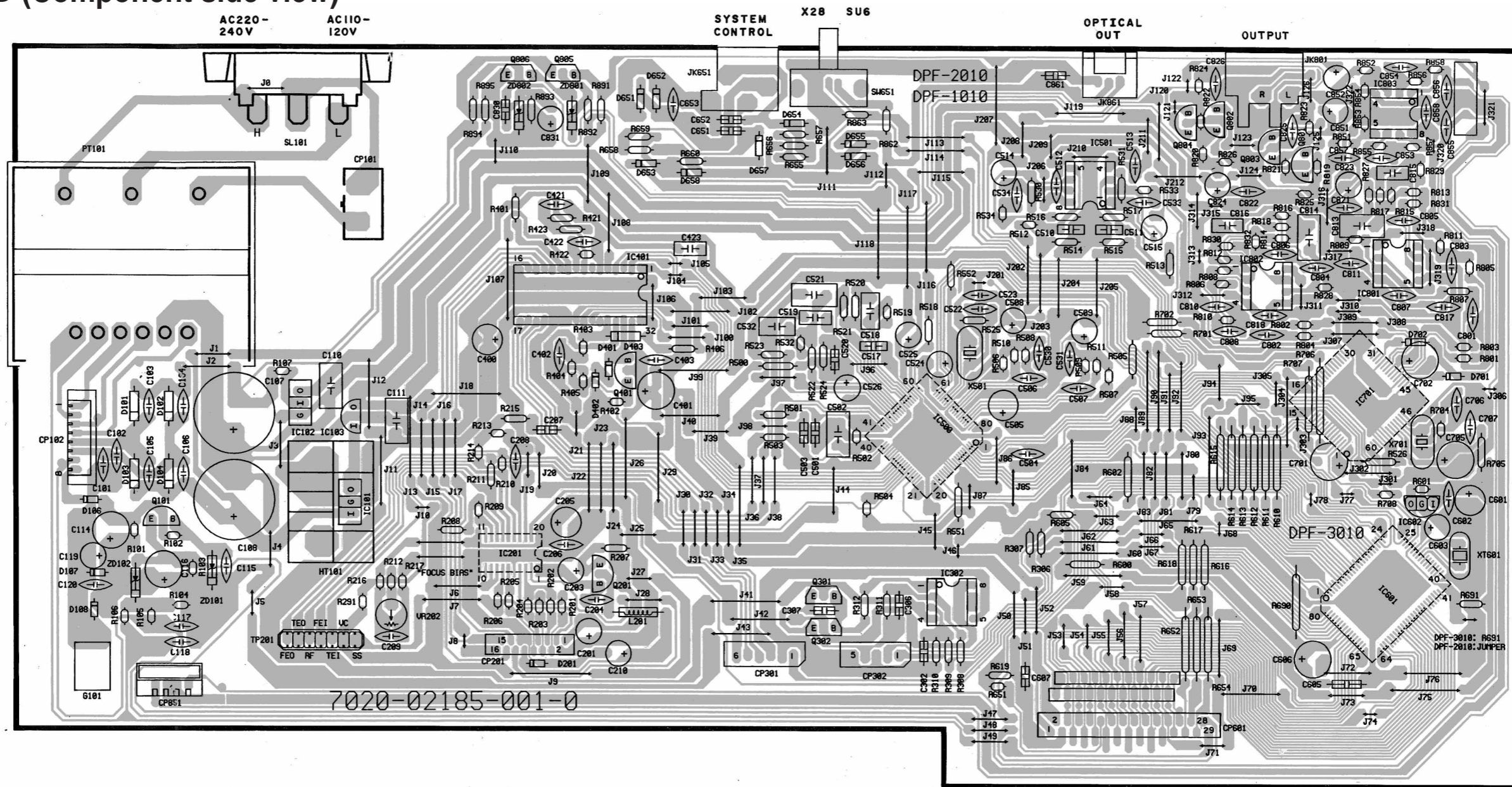
No.	ITEM	INPUT SETTING	OUTPUT SETTING	PLAYER SETTING	ALIGNMENT POINT	ALIGN FOR	FIG.
SET THE TEST DISC TO DISC NO SONY YEDS-18. (TYPE4)							
1	FOCUS OFFSET	TEST DISC TYPE 4	Connect an oscilloscope to TP201 RF (PIN 5) VC (PIN2)	PLAY	VR201	Optimum eye pattern	

Note:

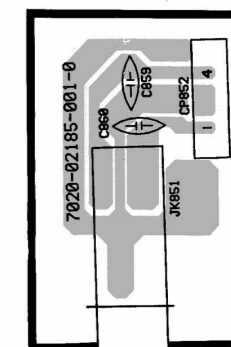
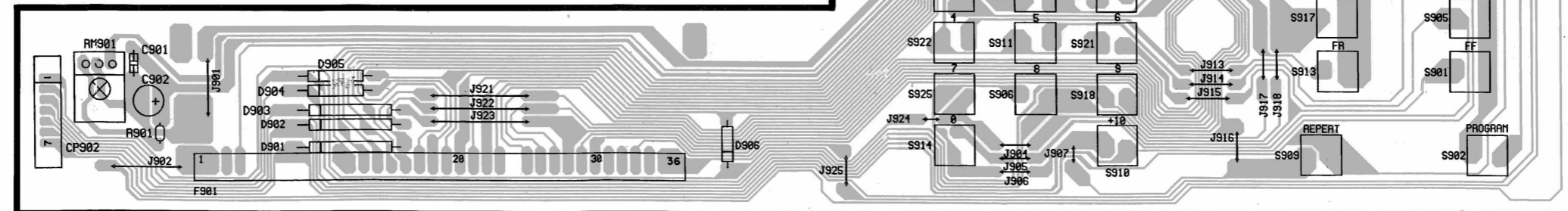
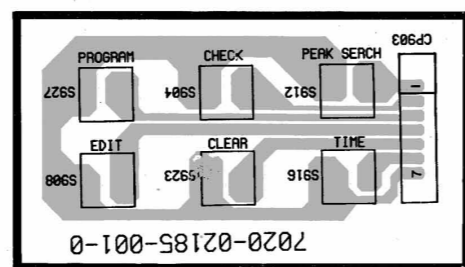
Type 4 disc : SONY YEDS-18 Test Disc or equivalent.

LPF: Around 47 kΩ+ 390 pF or so.

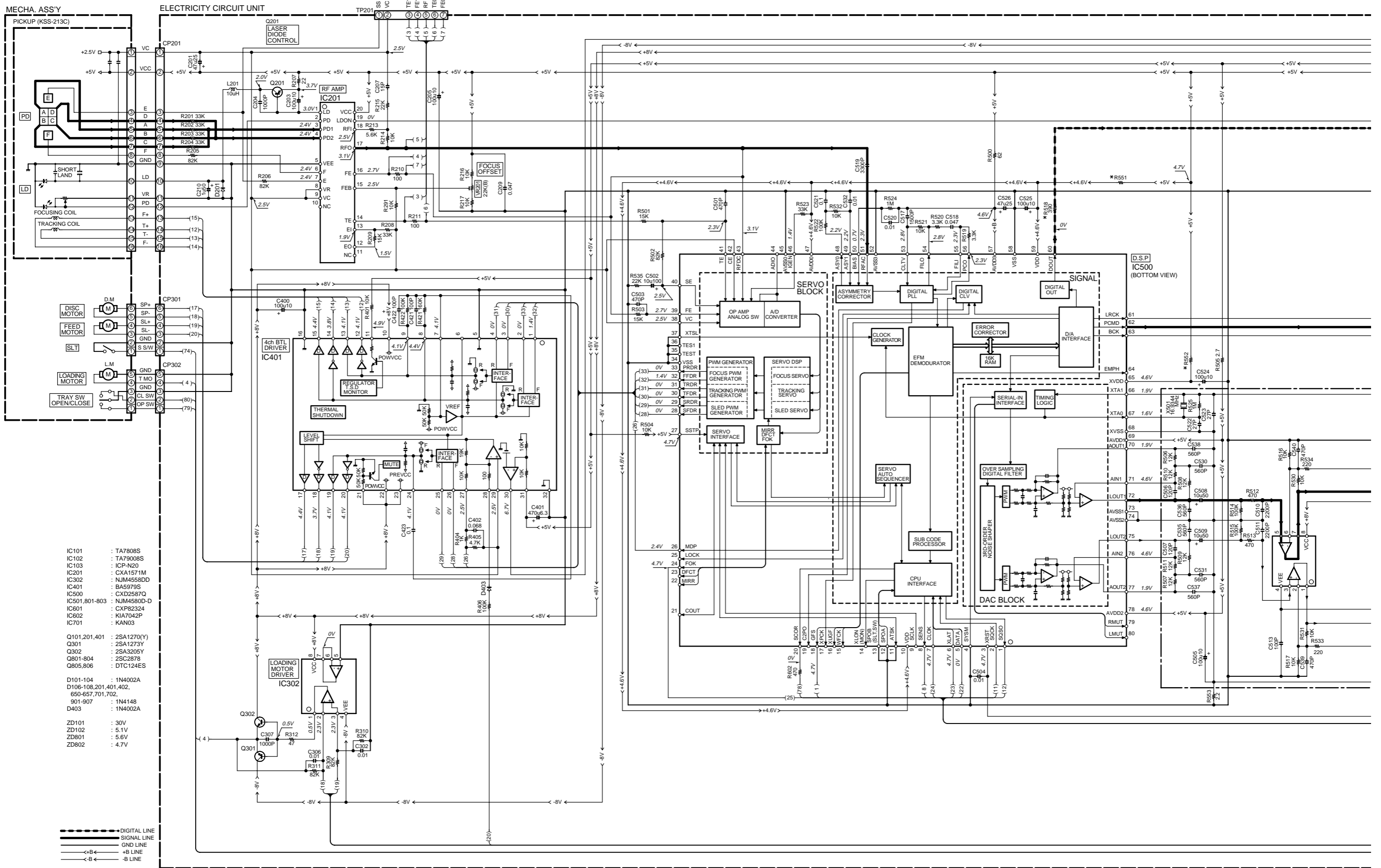
PC BOARD (Component side view)



POWER



PHONES

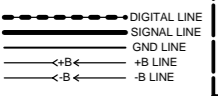


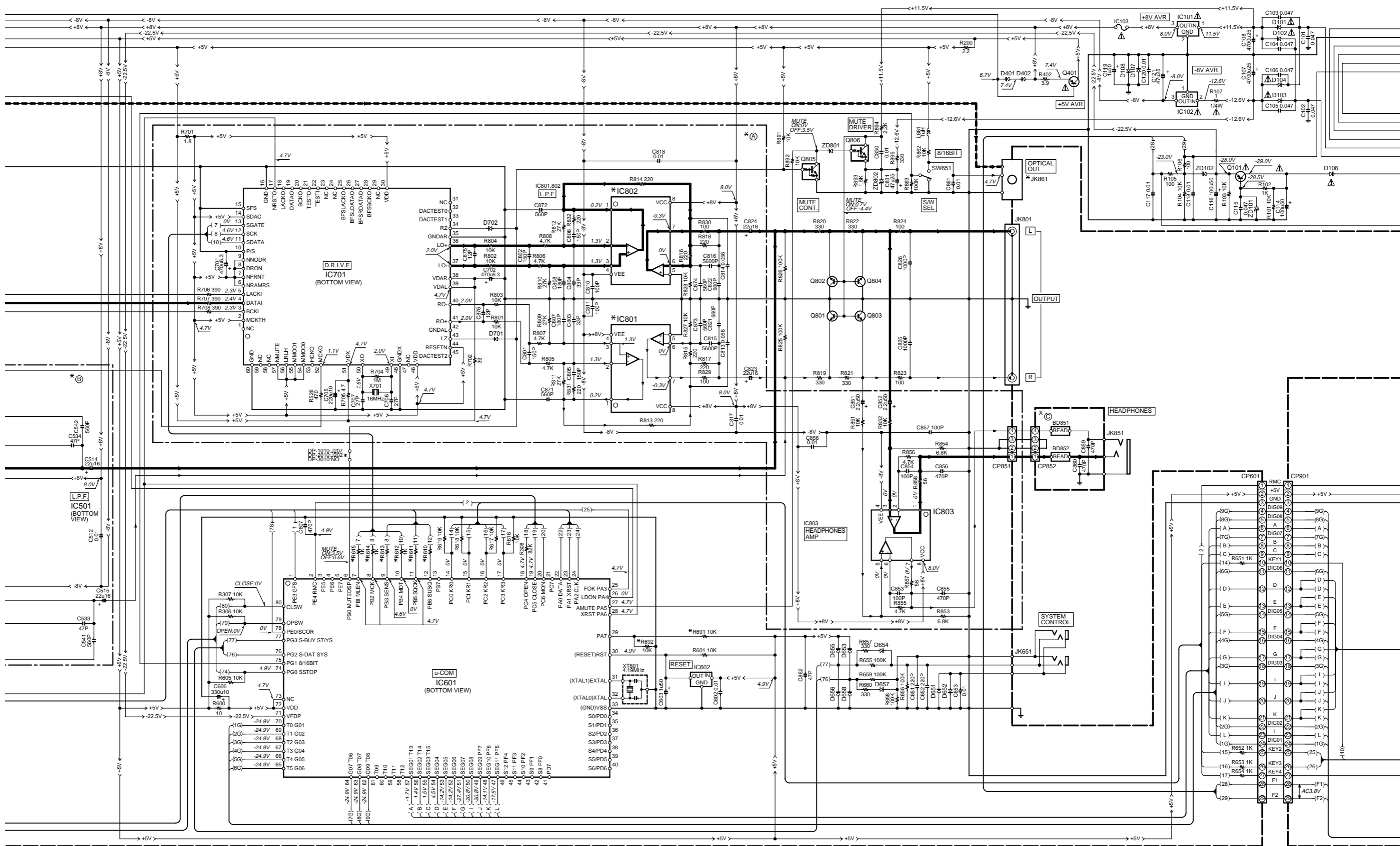
- IC101 : TA7808S
- IC102 : TA78008S
- IC103 : ICP-N20
- IC201 : CXA1571M
- IC302 : NUM4558DD
- IC401 : BA5979S
- IC500 : CXD2587Q
- IC501,801-803 : NUM4580D-D
- IC601 : CXP82324
- IC602 : KIA7042P
- IC701 : KAN03

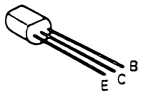
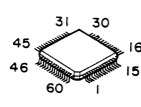
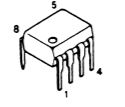
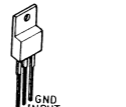
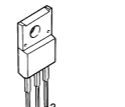
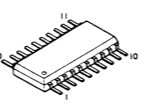
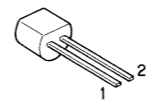
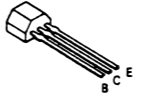
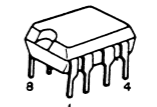
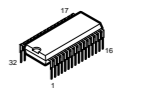
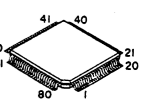
- Q101,201,401 : 2SA1270(Y)
- Q301 : 2SA1273Y
- Q302 : 2SA3205Y
- Q801-804 : 2SC2878
- Q805,806 : DTC124ES

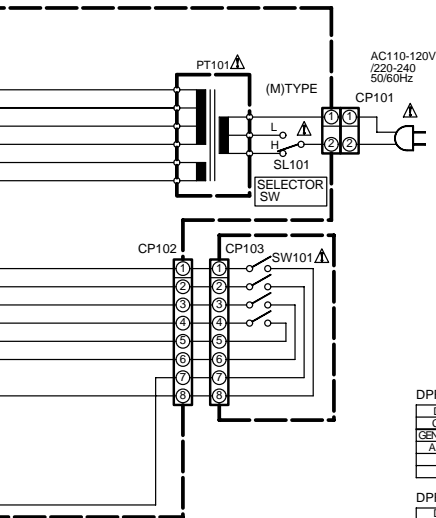
- D101-104 : 1N4002A
- D106-108,201,401,402,650-657,701,702,901-907 : 1N4148
- D403 : 1N4002A

- ZD101 : 30V
- ZD102 : 5.1V
- ZD801 : 5.6V
- ZD802 : 4.7V





- 2SC2878

- KAN03

- NJM4558DD

- TA79008S

- TA7808S

- CXA1571M

- ICP-N20

- DTC124ES

- NJM4580D-D

- BA5979S

- CXD2587Q




CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter. The measurement value may vary depending on the measuring instruments used or on the product. Refer to the voltage during PLAY unless otherwise specified; The value shown in () is the voltage measured at the moment of STOP.

DPF-2010

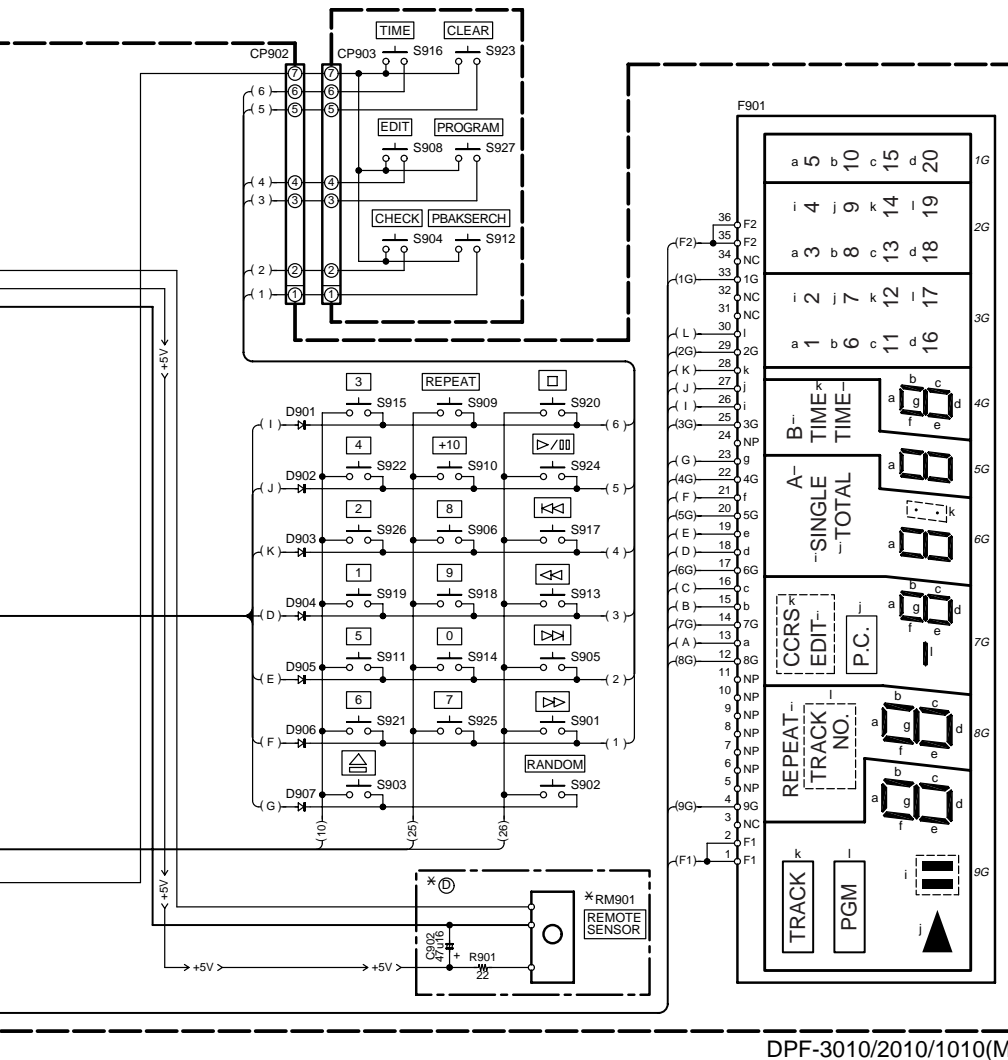
DESTINATION COUNTRY	ABB	R518, 692	R551	R552	R610, 611,613	R612, 614,615	R691	(A)	(B)	(C)	(D)	JK861	J202, 207
GENERAL MARKET	M												
AUSTRALIA	X	YES	5.6	82	470	NO	NO	NO	YES	YES	YES	YES	YES
U.K.	T												
EUROPE	E												

DPF-1010

DESTINATION COUNTRY	ABB	R518, 691	R551	R552	R610, 611,613	R612, 614,615	R692	(A)	(B)	(C)	(D)	JK861	J202, 207
GENERAL MARKET	M												
AUSTRALIA	X	NO	5.6	82	470	NO	YES	NO	YES	NO	NO	YES	YES
U.K.	T												
EUROPE	E												

DPF-3010

DESTINATION COUNTRY	ABB	R518, 691	R551	R552	R610, 611,613	R612, 614,615	R692	(A)	(B)	(C)	(D)	JK861	J202, 207
GENERAL MARKET	M												
JAPAN	X	YES	2.2	39	1K	YES	NO	YES	NO	YES	NO	YES	NO
U.K.	T												
EUROPE	E												



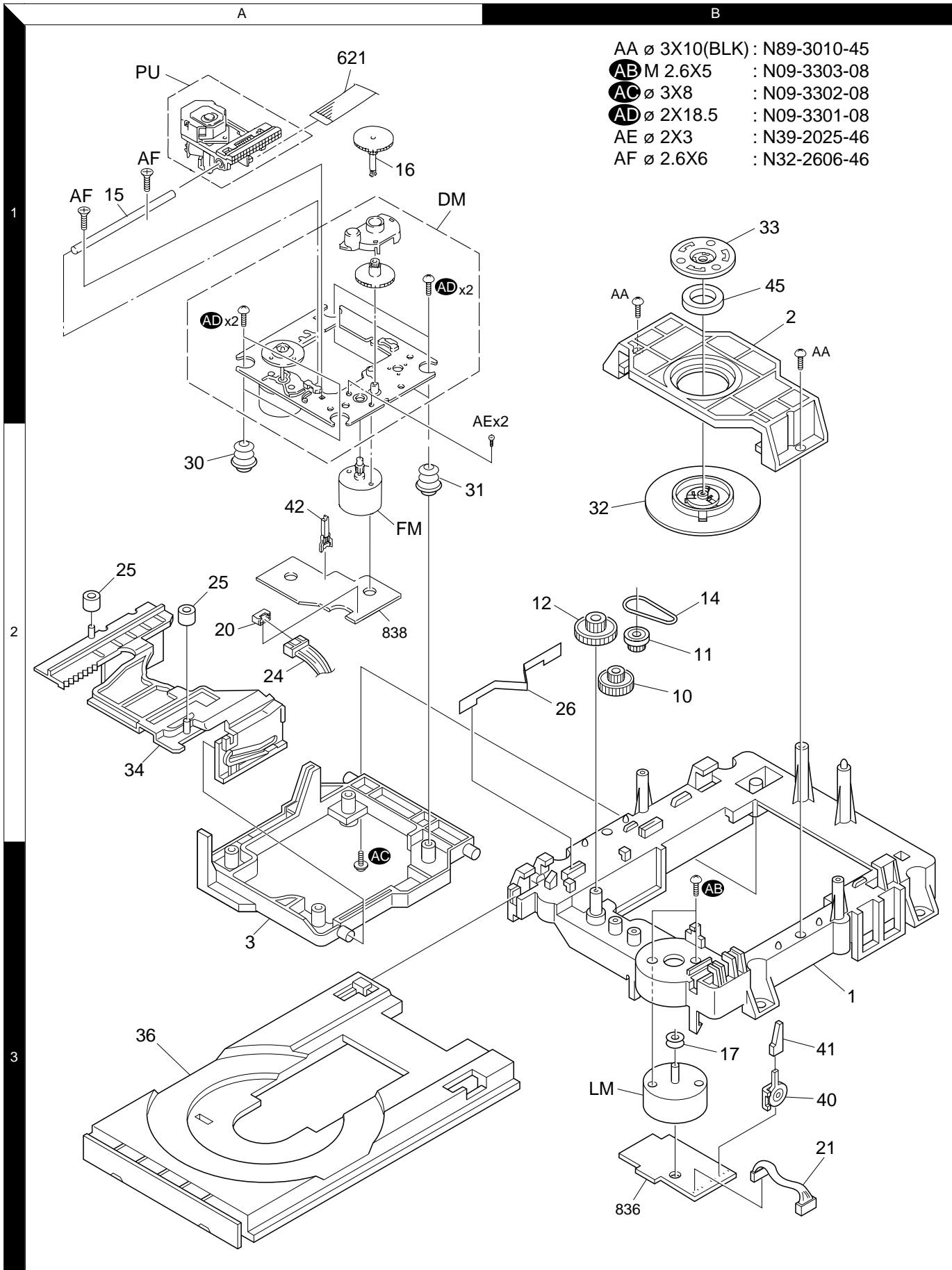
DPF-3010/2010/1010(M)

DPF-1010/1010E/2010/2010E/3010/3010E

Y22-7612-71

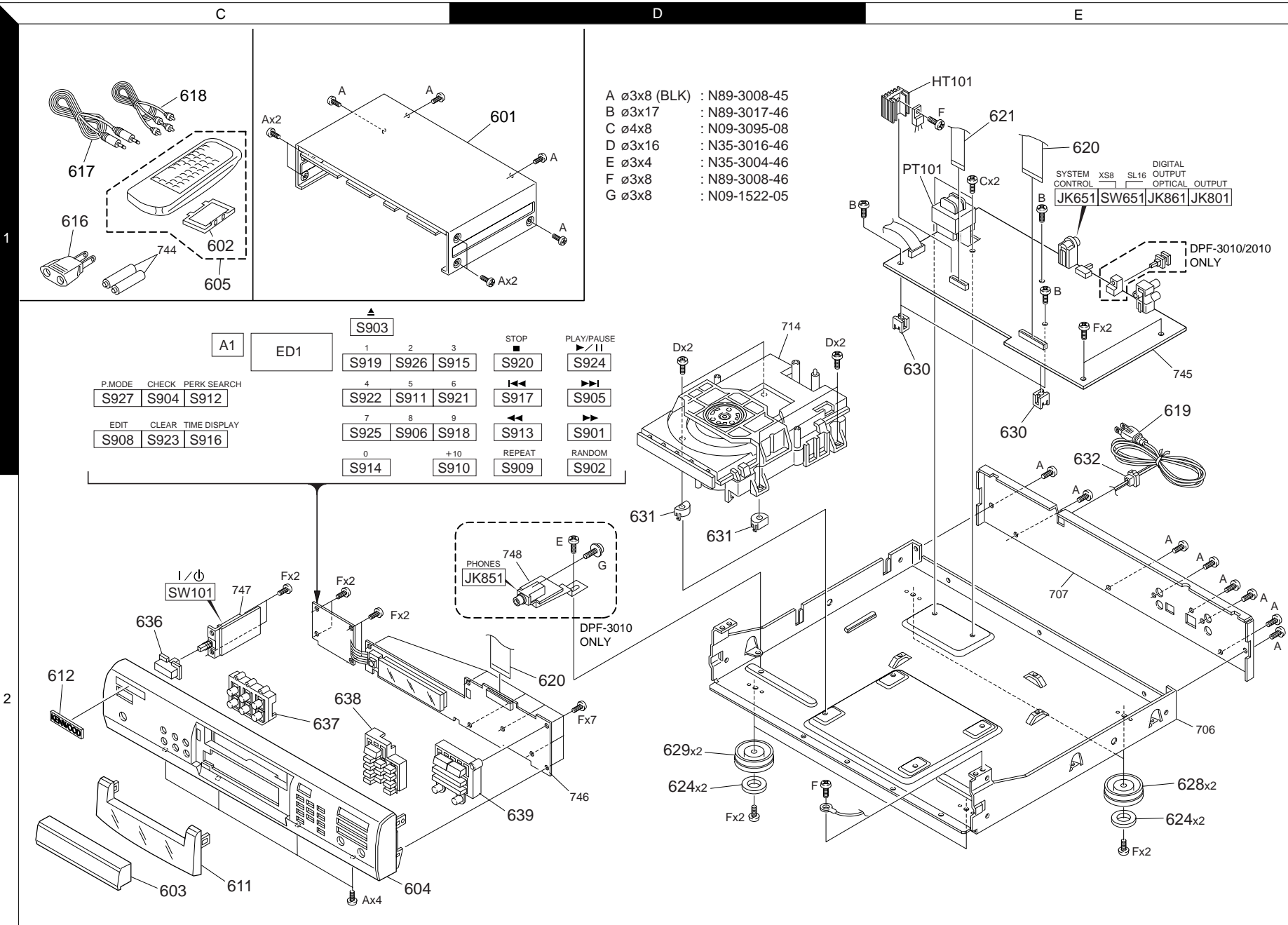
KENWOOD

EXPLODED VIEW (MECHANISM)

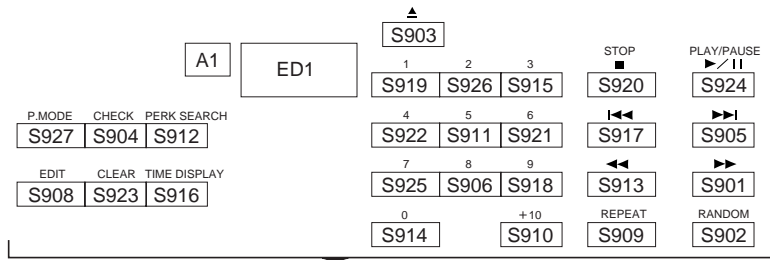


DPF-1010/1010E/2010/2010E/3010/3010E

EXPLODED VIEW (UNIT)



- A \varnothing 3x8 (BLK) : N89-3008-45
- B \varnothing 3x17 : N89-3017-46
- C \varnothing 4x8 : N09-3095-08
- D \varnothing 3x16 : N35-3016-46
- E \varnothing 3x4 : N35-3004-46
- F \varnothing 3x8 : N89-3008-46
- G \varnothing 3x8 : N09-1522-05



Parts with exploded numbers larger than 700 are not supplied.

* New Parts
 Parts without **Parts No.** are not supplied.
 Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
 Teile ohne **Parts No.** werden nicht geliefert.

①

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
DPF-1010/2010/3010						
601	1D		A01-3356-08	METALLIC CABINET		
602	1C		A09-0356-08	BATTERY COVER		
603	2C	*	A21-3697-08	DRESSING PANEL		
604	2C	*	A60-1488-08	PANEL	DPF-3010	3
604	2C	*	A60-1489-08	PANEL	DPF-2010	2
604	2C	*	A60-1490-08	PANEL	DPF-1010	1
605	1C		A70-1181-08	REMOCON	(RC-P0305)	
611	2C	*	B10-3413-08	FRONT GLASS		
612	2C		B43-0302-04	KENWOOD BADGE		
-	-		B46-0310-03	WARRANTY CARD		
-	-	*	B60-3730-08	INST MANUAL	ENGLISH	ET
-	-	*	B60-3731-08	INST MANUAL	FRENCH/ITALIAN	TEMX
-	-	*	B60-3732-08	INST MANUAL	DUTCH/GERMAN	E
-	-	*	B60-3733-08	INST MANUAL	SPANISH	EM
-	-	*	B60-3734-08	INST MANUAL	TAIWANESE	M
-	-		H25-1601-08	PROTECTION BAG (260X390)		
-	-		550000017000	LABEL		
-	-		550001593000	LABEL(LASER CAUTION)		
616	1C		E03-0115-05	AC PLUG ADAPTOR	M	
617	1C		E30-2733-05	SYSTEM CONTROL CORD		
618	1C		E30-2841-08	AUDIO CORD		
619	1E		E30-2872-08	AC POWER CORD		
619	1E		E30-2873-08	AC POWER CORD	X EM	
619	1E	*	E30-2888-08	AC POWER CORD	T	
620	1E,1D	*	E35-2198-08	FLAT CABLE (29P)		
621	1E	*	E35-2222-08	FLAT CABLE (16P)		
-	-	*	H10-7506-08	POLYSTYRENE FOAMED FIXTURE		
-	-	*	H25-1634-08	PROTECTION BAG (700X650)		
-	-	*	H50-2857-08	ITEM CARTON CASE	3010	E 3
-	-	*	H50-2858-08	ITEM CARTON CASE	3010	T 3
-	-	*	H50-2859-08	ITEM CARTON CASE	2010	E 2
-	-	*	H50-2860-08	ITEM CARTON CASE	2010	TX 2
-	-	*	H50-2861-08	ITEM CARTON CASE	2010	M 2
-	-	*	H50-2862-08	ITEM CARTON CASE	1010	E 1
-	-	*	H50-2863-08	ITEM CARTON CASE	1010	TX 1
-	-	*	H50-2864-08	ITEM CARTON CASE	1010	M 1
624	2D		G11-2265-08	FOOT(CUSHION)		
628	2E		J02-1166-08	FOOT(ABS BK)		
629	2D		J02-1421-08	FOOT(STAMPING)		
630	1E		J19-5725-08	PCB SUPPORTER		
631	2D	*	J32-0340-08	FOOT(MECHA)		
632	1E		J42-0200-08	POWER CORD BUSHING		
636	2C	*	K29-7372-08	KNOB(POWER)		
637	2C	*	K29-7373-08	KNOB(FUNCTION)		
638	2C	*	K29-7374-08	KNOB(10KEY)		
639	2D	*	K29-7375-08	KNOB(PLAY)		
C			N09-3095-08	SCREW TAP TITE 4X8ZN		
ELECTRIC PARTS						
C100-106			CK45FF1H473Z	CERAMIC	0.047UF Z	
C107,108			CE04KW1E471M	ELECTRO	470UF 25WV	

L : Scandinavia K : USA P : Canada R : Mexico C : China I : Malaysia
 Y : PX(Far East, Hawaii) T : Europe E : Europe G : Germany V : China(Shanghai)
 Y : AAFES(Europe) X : Australia Q : Russia H : Korea M : Other Areas Δ indicates safety critical components.

* New Parts
 Parts without **Parts No.** are not supplied.
 Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
 Teile ohne **Parts No.** werden nicht geliefert.

②

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
C114			CE04KW1H101M	ELECTRO	100UF	50WV
C115			CK45FF1H473Z	CERAMIC	0.047UF	Z
C116			CE04KW1H101M	ELECTRO	100UF	50WV
C117,118			CK45FF1H103Z	CERAMIC	0.010UF	Z
C119			CE04KW1H010M	ELECTRO	1.0UF	50WV
C120			CK45FF1H103Z	CERAMIC	0.010UF	Z
C121			CE04KW1E470M	ELECTRO	47UF	25WV
C201			CE04KW1E470M	ELECTRO	47UF	25WV
C203			CE04KW1A101M	ELECTRO	100UF	10WV
C204			CK45FF1H102K	CERAMIC	1000PF	K
C205			CE04KW1A101M	ELECTRO	100UF	10WV
C207			CC45FSL1H150J	CERAMIC	15PF	J
C209			CK45FF1H473Z	CERAMIC	0.047UF	Z
C210			CE04KW1H010M	ELECTRO	1.0UF	50WV
C302			CK14B1H103K	CERAMIC	AXIAL 0.010UF	K
C306			CK14B1H103K	CERAMIC	AXIAL 0.010UF	K
C307			C91-0757-05	CERAMIC	1000PF	K
C400			CE04KW1A101M	ELECTRO	100UF	10WV
C401			CE04KW0J471M	ELECTRO	470UF	6.3WV
C402			CQ92FM1H683J	MYLAR	0.068UF	J
C421,422			CC45FSL1H101J	CERAMIC	100PF	J
C423			CQ92FM1H104J	MYLAR	0.10UF	J
C501			CC45FSL1H471J	CERAMIC	470PF	J
C502			CE04KW2A100M	ELECTRO	10UF	100WV
C503			CC45FSL1H471J	CERAMIC	470PF	J
C504			CK45FF1H103Z	CERAMIC	0.010UF	Z
C505			CE04KW1A101M	ELECTRO	100UF	10WV
C506,507			CC45FSL1H121J	CERAMIC	120PF	J
C508,509			CE04KW1H100M	ELECTRO	10UF	50WV
C510,511			CQ92FM1H222J	MYLAR	2200PF	J
C512			CK45FF1H103Z	CERAMIC	0.010UF	Z
C513			CC45FSL1H101J	CERAMIC	100PF	J
C514,515			CE04KW1C220M	ELECTRO	22UF	16WV
C517			CQ92FM1H152J	MYLAR	1500PF	J
C518			CQ92FM1H473J	MYLAR	0.047UF	J
C519			CQ92FM1H332J	MYLAR	3300PF	J
C520			CK45FF1H103Z	CERAMIC	0.010UF	Z
C521			CQ92FM1H104J	MYLAR	0.10UF	J
C522,523			CC45FSL1H270J	CERAMIC	27PF	J
C524,525			CE04KW1A101M	ELECTRO	100UF	10WV
C526			CE04KW1E470M	ELECTRO	47UF	25WV
C530,531			CK45FB1H561K	CERAMIC	560PF	K
C532			CQ92FM1H103J	MYLAR	0.010UF	J
C533,534			CC45FSL1H470J	CERAMIC	47PF	J
C535-538			CK45FB1H561K	CERAMIC	560PF	K
C539,540			CC45FSL1H471J	CERAMIC	470PF	J
C541,542			CK45FB1H561K	CERAMIC	560PF	K
C602			CK45FF1H103Z	CERAMIC	0.010UF	Z
C603			CE04KW1H010M	ELECTRO	1.0UF	50WV
C606			CE04KW1A331M	ELECTRO	330UF	10WV
C607			CK14DB1H471K	CERAMIC	470PF	K
C651,652			C91-0749-05	CERAMIC	220PF	K
C653			CK45FF1H103Z	CERAMIC	0.010UF	Z
C701,702			CE04KW0J471M	ELECTRO	470UF	6.3WV
C705			CE04KW1A221M	ELECTRO	220UF	10WV

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③

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
C706,707			CC45FSL1H270J	CERAMIC 27PF J		3
C801,802			CC45FSL1H151J	CERAMIC 150PF J		3
C803,804			CC45FSL1H330J	CERAMIC 33PF J		3
C805,806			CC45FSL1H151J	CERAMIC 150PF J		3
C807,808			CC45FSL1H181J	CERAMIC 180PF J		3
C810,811			CC45FSL1H101J	CERAMIC 100PF J		3
C813,814			CQ92FM1H563J	MYLAR 0.056UF J		3
C815,816			CQ92FM1H562J	MYLAR 5600PF J		3
C817,818			CK45FF1H103Z	CERAMIC 0.010UF Z		3
C821,822			CC45FSL1H561J	CERAMIC 560PF J		3
C823,824			CE04KW1C220M	ELECTRO 22UF 16WV		3
C825,826			CK45FF1H102K	CERAMIC 1000PF K		3
C830			CK45FF1H103Z	CERAMIC 0.010UF Z		3
C831			CE04KW1E470M	ELECTRO 47UF 25WV		3
C851,852			CE04KW1H2R2M	ELECTRO 2.2UF 50WV		3
C853,854			CC45FSL1H101J	CERAMIC 100PF J		3
C855,856			CC45FSL1H471J	CERAMIC 470PF J		3
C857			CC45FSL1H101J	CERAMIC 100PF J		3
C858			CK45FF1H103Z	CERAMIC 0.010UF Z		3
C859,860			CK45FB1H471K	CERAMIC 470PF K		3
C861			CK14B1H103K	CERAMIC AXIAL 0.010UF K		3
C862			CC45FSL1H470J	CERAMIC 47PF J		3
C871-874			CC45FSL1H561J	CERAMIC 560PF J		3
C875,876			CC45FSL1H120J	CERAMIC 12PF J		3
C902			CE04KW1C470M	ELECTRO 47UF 16WV		2,3
D901-907			1N4148M	DIODE		3
CP101			E35-1608-08	PIN ASSY 2P		3
CP102			E35-1615-08	PIN ASSY 8P		3
CP201		*	E40-8290-08	FLAT CABLE CONNECTOR 16P		3
CP301			E35-1607-08	PIN ASSY 6P 2.5MM		3
CP302			E35-1606-08	PIN ASSY 5P 2.5MM		3
CP601		*	E40-8291-08	FLAT CABLE CONNECTOR 29P		3
CP851			E35-1605-08	PIN ASSY 4P		3
CP901		*	E40-8301-08	FLAT CABLE CONNECTOR 29P		3
F901			CM1703C	INDICATOR TUBU		3
JK651			E11-0188-05	MINIATURE PHONE JACK		3
JK801			E63-0188-08	PHONO JACK		3
JK851			E11-0263-08	PHONE JACK		3
JK861			W02-2620-08	OPTICAL RECEIVING MODLE(OUTPUT)		2,3
Δ PT101		*	L07-2591-08	POWER TRANSFORMER	TE	3
Δ PT101		*	L07-2592-08	POWER TRANSFORMER	M	3
Δ PT101		*	L07-2593-08	POWER TRANSFORMER	X	3
TP201			E40-4876-05	PIN ASSY 7P		3
BD851,852			L92-0056-08	CORE		3
L201		*	L33-0574-08	SMALL FIXED INDUCTOR		3
L861			L33-0537-08	COIL FILTER INDUCTOR		3
X501		*	L78-0687-08	CRYSTAL RESONATOR 16.934MHZ		1,2
X701		*	L78-0687-08	CRYSTAL RESONATOR 16.934MHZ		3
XT601			L78-0209-05	RESONATOR CERAMIC		3
R100			RD14GB2E1R0J	FL-PROOF RD 1 J 1/4W		3
Δ R107			RD14GB2E1R0J	FL-PROOF RD 1 J 1/4W		3
R801-804			RN14BK2C1002F	RN 10.0K F 1/6W		3
R805-808			RN14BK2C4701F	RN 4.70K F 1/6W		3

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R809-812			RN14BK2C2702F	RN 27.0K F 1/6W		3
VR201		*	R39-0019-08	VARIABLE RESISTOR 22KB		3
S901-906		*	S70-0059-08	TACT SWITCH		3
S908-927		*	S70-0059-08	TACT SWITCH		3
Δ SL101			S90-0123-08	SLIDE SWITCH	M	3
Δ SW101		*	S68-0101-08	PUSH SWITCH POWER		3
Δ SW651			S62-0069-08	SELECT SW(SL XL)		3
Δ D101-104			1N4002A	DIODE		3
Δ D106-108			1N4148M	DIODE		3
D201			1N4148M	DIODE		3
D401-403			1N4148M	DIODE		3
D651-658			1N4148M	DIODE		3
D701,702			1N4148M	DIODE		3
Δ IC101			TA7808S	IC(REGULATOR)		3
Δ IC102			TA79008S	IC(VOLTAGE REGULATOR/ -8V)		3
Δ IC103			ICP-N20	IC(PROTECT)		3
IC201			CXA1571M	IC(CD RF AMP)		3
IC302			NJM4558DD	IC(OP AMP X2)		1,2
IC401			BA5979S	IC(4CH BTL)		1,2
IC500			CXD2587Q	IC(DAC DSP)		1,2
IC501			NJM4580D-D	IC(OP AMP X2)		1,2
IC601			CXP82324	IC		1,2
IC602			KIA7042P	IC		3
IC701			KAN03	IC(1 bit DAC(DRIVE))		3
Δ IC801-803			NJM4580D-D	IC(OP AMP X2)		3
Q101			2SA1270(Y)	TRANSISTOR		3
Q201			2SA1270(Y)	TRANSISTOR		3
Q301			KTA1273Y	TRANSISTOR		3
Q302			KTC3205Y	TRANSISTOR		3
Q401			2SA1270(Y)	TRANSISTOR		3
Q801-804			2SC2878	TRANSISTOR		3
Q805,806			DTC124ES	TRANSISTOR		3
ZD101			MTZJ30B	ZENER DIODE		3
ZD102			MTZJ5.1B	ZENER DIODE		3
ZD801			MTZJ5.6B	ZENER DIODE		3
ZD802			MTZJ4.7B	ZENER DIODE		3
RM901		*	W02-2663-08	ELECTRIC CIRCUIT MODULE		2,3
MECHANISM ASSY						
1	3B		A10-3405-08	MECHA BASE		
2	1B		A15-0090-08	FLAPPER		
3	3A		A13-3114-08	FRAME FEED		
10	2B		D13-1754-08	GEAR CENTER		
11	2B		D13-1753-08	GEAR PULLEY		
12	2B		D13-1755-08	GEAR LOAD		
14	2B		D16-0703-08	BELT		
15	1A		D10-3606-08	ROD (GUIDE)		
16	1A		D13-1720-08	GEAR (DRIVING)		
20	2A		E40-3264-05	CONNECTOR S6B-PH		
21	3B	*	E35-2224-08	WIRE HARNES 5P		
24	2A	*	E35-2223-08	WIRE HARNES 6P		
25	2A		F07-0783-08	RUBBER STOPPER		

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PARTS LIST

DPF-1010/1010E/2010/2010E/3010/3010E

PARTS LIST / SPECIFICATIONS

5

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Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
26	2B		G09-0657-08	SPRING RACK		
30	2A		G11-2367-08	INSULATOR(4B, GREEN)		
31	2A		G11-2368-08	INSULATOR(30, RED)		
32	2B		J11-0829-08	CLAMPER		
33	1B		J21-6409-08	PLATE CLAMPER		
34	2A		J90-0853-08	GUIDE FRAME		
36	3A		J99-0600-08	TRAY		
41	3B		J31-0874-08	HOLDER SW		
AB			N09-3303-08	SCREW		
AC			N09-3302-08	SCREW WPH 3X8		
AD			N09-3301-08	SCREW		
40	3B		S74-0068-08	SWITCH LEAF		
42	2A		S74-0038-08	LEAF SWITCH		
17	3B		D15-0395-08	PULLEY MOTOR		
45	1B		T99-0579-08	MAGNET CORE		
DM	1A		A11-1062-18	DISC MOTOR ASSY		
FM	2A		T42-0817-08	FEED MOTOR ASSY		
LM	3B		T42-0855-08	MOTOR, DC		
PU	1A		T25-0055-08	PICK UP (KSS-213C)		

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HOW TO READ THE PARTS LIST

ABBREVIATION OF MODEL AND MASS PRODUCTION'S DESTINATIONS

MODEL	ABB	Australia	Canada	China	England	Europe	Germany	Korea	Malaysia
DPF-1010	1	X	-	-	T	E	-	-	-
DPF-2010	2	X	-	-	T	E	-	-	-
DPF-3010	3	-	-	-	T	E	-	-	-
MODEL	ABB	Mexico	PXAAFES	Russia	Scandinavia	Shanghai	USA	Other area	
DPF-1010	1	-	-	-	-	-	-	IM	-
DPF-2010	2	-	-	-	-	-	-	IM	-
DPF-3010	3	-	-	-	-	-	-	-	-

Specifications

[Format]

System Compact disc digital audio system
Laser Semiconductor laser

[D/A Convertors]

D/A Conversion 1 Bit
Oversampling 8 fs (352.8 kHz)

[Audio] (for DPF-3010)

Frequency response 4 Hz ~ 20 kHz, ±0.5 dB
Signal to noise ratio More than 100 dB
Dynamic range More than 95 dB
Total harmonic distortion + noise Less than 0.006% (at 1 kHz)
Channel separation More than 95 dB (at 1 kHz)
Wow & flutter Unmeasurable Limit
Output level/impedance
Variable (Max.) 2.0 V/0.8 kΩ
Digital output
Optical -15 dBm - -21 dBm
(Wave length 660 nm)
Headphone output (Max.) 20 mW (32 Ω)

[Audio] (for DPF-2010/1010)

Frequency response 6 Hz ~ 20 kHz, ±0.5 dB
Signal to noise ratio More than 94 dB
Dynamic range More than 92 dB
Total harmonic distortion + noise Less than 0.007% (at 1 kHz)
Channel separation More than 90 dB (at 1 kHz)
Wow & flutter Unmeasurable Limit
Output level/impedance
Variable (only DPF-2010) (Max.) 2.0 V/0.8 kΩ
Fixed (only DPF-1010) 2.0 V/0.8 kΩ
Digital output (only DPF-2010)
Optical -15 dBm - -21 dBm
(Wave length 660 nm)

[General]

Power consumption
Australia, Europe and U.K. 12 W
Other countries 14 W
Dimensions W : 440 mm (17-5/16")
H : 95 mm (3-3/4")
D : 370 mm (14-9/16")
Weight (Net) 4.3 kg (9.5 lb)



1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. The full performance may not be exhibited in an extremely cold location (under a water-freezing temperature).

Note:

Component and circuit are subject to modification to insure best operation under differing local conditions. This manual is based on Europe (E) 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.

KENWOOD CORPORATION

14-6, Dogenzaka 1-chome, Shibuya-ku, Tokyo, 150-8501 Japan

KENWOOD SERVICE CORPORATION

P.O BOX 22745, 2201 East Dominguez St., Long Beach, CA 90801-5745, U.S.A.