



HS-PS10

YU

SERVICE MANUAL

STEREO CASSETTE PLAYER

- Replace this Service manual with "Revision Publishing" when it is issued.

aiwa
S/M Code No. 09-013-438-1T2

SIMPLE

DATA

PARTS LIST

! = Δ SAFTY PARTS
 C = Components marked

All components used on this model at the production line are shown in this service manual.

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

K NO. = Only use japanese.

! C	UNIT NAME	REF NO.	PARTS CODE	K NO.	DESCRIPTION	SUFFIX	MODEL NAME
O	ACCESSORY		87-B30-448-010	1E	HEADPHONE, HP-M029 (T2DG)	YU1BSC	HS-PS10
O	ACCESSORY		8B-HRL-046-010	1F	CLIP, BELT J034N	YU1BSC	HS-PS10
O	CABITY		8B-HKA-002-010	1C	PANEL, SBASS	YU1BSC	HS-PS10
O	CABITY		8B-HKA-003-010	0E	CABI, REAR	YU1BSC	HS-PS10
O	CABITY		8B-HKA-004-010	0E	LID, BATT	YU1BSC	HS-PS10
O	CABITY		8B-HRL-002-010	1A	FRAME, CENTER	YU1BSC	HS-PS10
O	CABITY		8B-HRL-007-010	0E	BTN, PLAY	YU1BSC	HS-PS10
O	CABITY	*	8B-HKA-064-010	--	LID, CASS PS10	YU1BSC	HS-PS10
O	KNOB		8B-HRL-006-010	0E	KNOB, SL SBASS	YU1BSC	HS-PS10
X	LBL, POP		8B-HRM-970-010	0E	LBL, POP 18H Y	YU1BSC	HS-PS10
O	OTHERS		86-HRM-205-010	0E	SPR-T, CLICK	YU1BSC	HS-PS10
O	OTHERS		8B-HKA-201-010	0E	BAT-CONTACT, (+)	YU1BSC	HS-PS10
X	OTHERS		8B-HKA-203-010	0E	CUSH, 8-8-4	YU1BSC	HS-PS10
X	OTHERS		8B-HRL-201-010	0E	SH, SBASS BLK	YU1BSC	HS-PS10
X	OTHERS		8B-HRL-202-010	0E	SH, SBASS COLOR	YU1BSC	HS-PS10
O	OTHERS		8B-HRL-203-010	0E	PLATE, BTN	YU1BSC	HS-PS10
O	OTHERS		8B-HRL-204-010	0E	PLATE, HEAD	YU1BSC	HS-PS10
O	OTHERS		8B-HRL-208-010	0E	SPR-P, CASS	YU1BSC	HS-PS10
O	OTHERS		8Z-HKA-201-110	0E	HLDR, JACK	YU1BSC	HS-PS10
O	OTHERS		8Z-HKA-205-010	0E	BAT-CONTACT, (-)	YU1BSC	HS-PS10
X	OTHERS		8Z-HRL-203-010	0E	SH, 16-16-0.2 W/ADH	YU1BSC	HS-PS10
X	OTHERS	*	8B-HRL-207-010	0E	SH, 15-5-0.2 W/ADH	YU1BSC	HS-PS10
X	PACKING DU		84-529-999-010	1A	BUBBLE SHEET	YU1BSC	HS-PS10
X	PACKING DU		87-B40-154-010	0E	LBL, BAR-CODE CU	YU1BSC	HS-PS10
X	PACKING DU		87-B40-282-010	0E	LBL, BAR-CODE AU 35X8	YU1BSC	HS-PS10
X	PACKING DU		8B-HKA-891-010	--	BD, PRINTED 10YU1BSC	YU1BSC	HS-PS10
X	PACKING DU		8B-HKA-892-010	--	CTN, INNER 10YU1BSC	YU1BSC	HS-PS10
X	PACKING DU		8B-HKA-893-010	--	CTN, OUTER 10YU1BSC	YU1BSC	HS-PS10
X	PACKING DU		8B-HKB-852-010	--	COVER, BOT C	YU1BSC	HS-PS10
X	PACKING DU		8B-HRL-851-010	--	COVER, TOP C	YU1BSC	HS-PS10
X	PLATE		8B-HKA-065-010	--	LBL, SPEC PS10 YU	YU1BSC	HS-PS10
X	PRE-MAIN AMP		87-610-042-210	0E	WIRE, B0-4-2	YU1BSC	HS-PS10
X	PRE-MAIN AMP		87-612-042-210	0E	WIRE, B2-4-2	YU1BSC	HS-PS10
X	PRE-MAIN AMP		8B-HKA-603-010	0E	WIRE, FLAT 2P	YU1BSC	HS-PS10
X	PRE-MAIN AMP		8B-HKA-604-010	0E	WIRE, 100MM SHIELD	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0001	87-012-277-080	0E	C-CAP, U 1800P-50 K B GRM	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0002	87-012-277-080	0E	C-CAP, U 1800P-50 K B GRM	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0003	87-012-284-080	0E	C-CAP, U 6800P-50 K B GRM	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0004	87-012-284-080	0E	C-CAP, U 6800P-50 K B GRM	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0005	87-015-674-040	0E	CAP, E 22-6.3 M 7L SRA	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0006	87-015-674-040	0E	CAP, E 22-6.3 M 7L SRA	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0007	87-012-277-080	0E	C-CAP, U 1800P-50 K B GRM	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0008	87-012-277-080	0E	C-CAP, U 1800P-50 K B GRM	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0009	87-012-274-080	0E	C-CAP, U 1000P-50 K B	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0010	87-012-274-080	0E	C-CAP, U 1000P-50 K B	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0011	87-A10-489-040	0E	CAP, E 220-4 7L SR	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0012	87-A10-489-040	0E	CAP, E 220-4 7L SR	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0014	87-015-681-040	0E	CAP, E 10-16 7L SRA	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0015	87-010-831-080	0E	C-CAP, U 0.1-16 Z F	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0017	87-A11-056-080	0E	C-CAP, U 1-10 Z F	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0018	87-A11-056-080	0E	C-CAP, U 1-10 Z F	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0027	87-010-831-080	0E	C-CAP, U 0.1-16 Z F	YU1BSC	HS-PS10
O	PRE-MAIN AMP	C 0051	87-015-695-040	0E	CAP, E 1-50 7L SRA	YU1BSC	HS-PS10
S	PRE-MAIN AMP	IC 0001	87-A21-684-040	1C	C-IC, TA2145AF	YU1BSC	HS-PS10
O	PRE-MAIN AMP	J 0001	85-HRL-623-010	0E	JACK, 3.5 BLK ST BLK	YU1BSC	HS-PS10
X	PRE-MAIN AMP	JR 0001	88-108-000-080	0E	C-JUMPER, U	YU1BSC	HS-PS10
X	PRE-MAIN AMP	JR 0002	88-108-000-080	0E	C-JUMPER, U	YU1BSC	HS-PS10
X	PRE-MAIN AMP	JR 0003	88-108-000-080	0E	C-JUMPER, U	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0001	88-108-334-010	0E	C-RES, U 330K-1/16W J	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0002	88-108-334-010	0E	C-RES, U 330K-1/16W J	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0003	88-108-223-080	0E	C-RES, U 22K-1/16W J	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0004	88-108-223-080	0E	C-RES, U 22K-1/16W J	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0005	88-108-391-010	0E	C-RES, U 390-1/16W J	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0006	88-108-391-010	0E	C-RES, U 390-1/16W J	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0007	88-108-183-080	0E	C-RES, U 18K-1/16W J	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0008	88-108-183-080	0E	C-RES, U 18K-1/16W J	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0013	88-108-562-080	0E	C-RES, U 5.6K-1/16W J	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0014	88-108-000-080	0E	C-JUMPER, U	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0016	88-108-000-080	0E	C-JUMPER, U	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0017	88-108-000-080	0E	C-JUMPER, U	YU1BSC	HS-PS10

PARTS LIST

- ! = Δ SAFTY PARTS
 C = Components marked

All components used on this model at the production line are shown in this service manual.

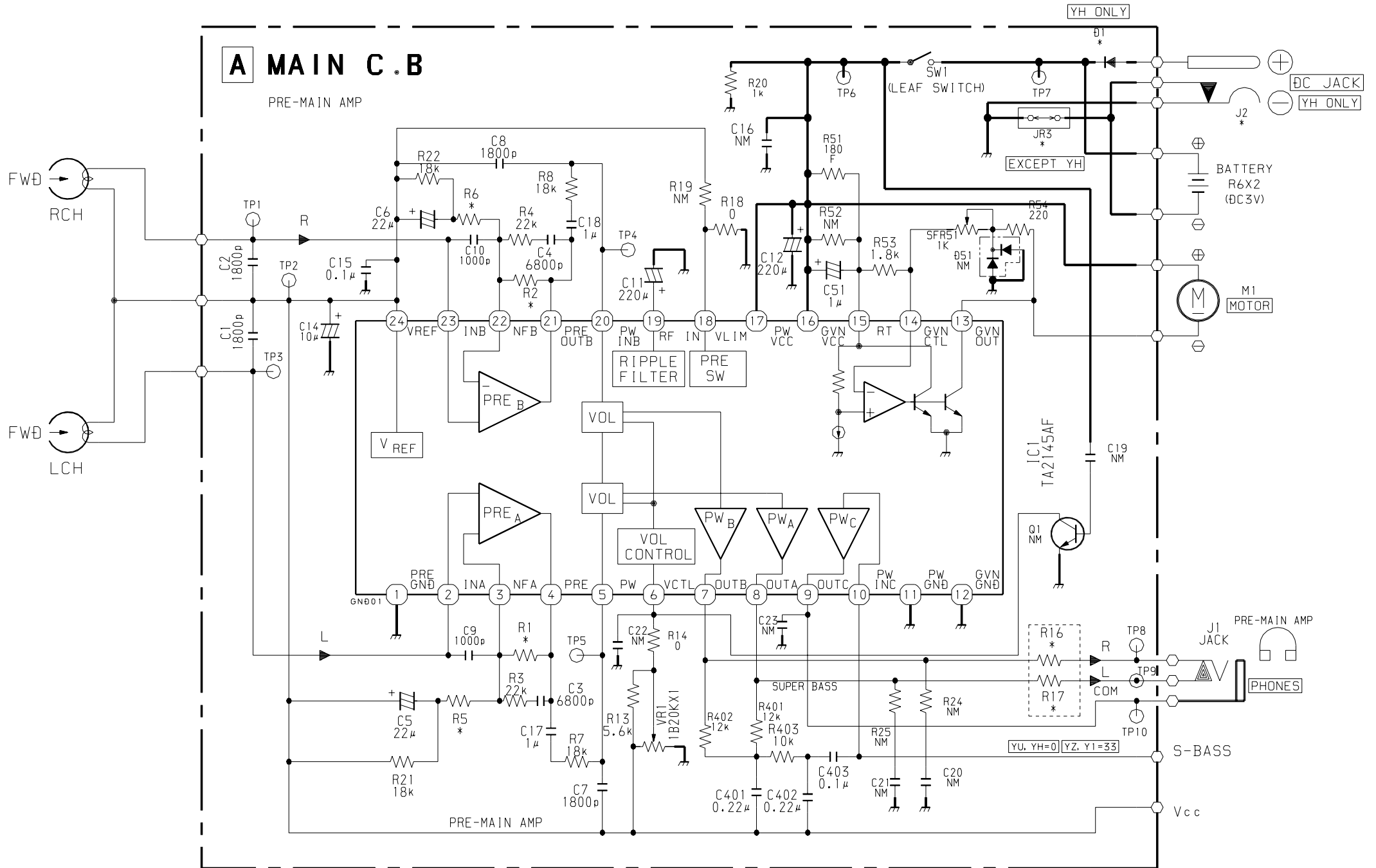
However, please note that not all components will be available as spare parts for after-sales service.

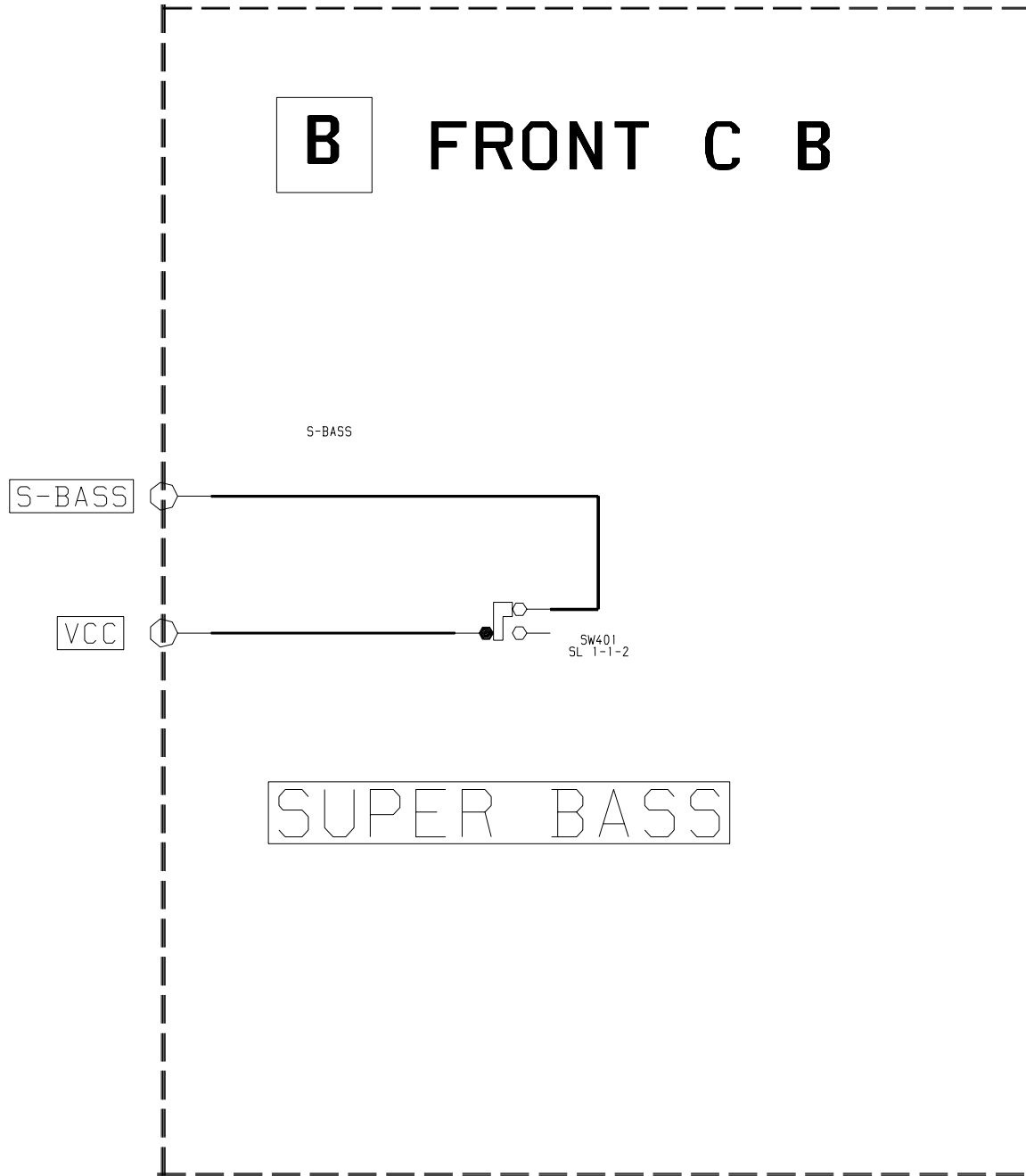
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

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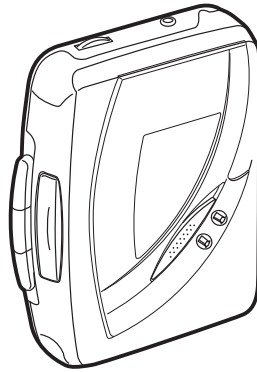
K NO. = Only use Japanese.

! C	UNIT NAME	REF NO.	PARTS CODE	K NO.	DESCRIPTION	SUFFIX	MODEL NAME
X	PRE-MAIN AMP	R 0018	88-108-000-080	0E	C-JUMPER,U	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0020	88-108-102-080	0E	C-RES,U 1K-1/16W J	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0021	88-108-183-080	0E	C-RES,U 18K-1/16W J	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0022	88-108-183-080	0E	C-RES,U 18K-1/16W J	YU1BSC	HS-PS10
O	PRE-MAIN AMP	R 0051	87-A00-530-080	0E	C-RES,S 180-1/10W F	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0053	88-108-182-080	0E	C-RES,U 1.8K-1/16W J	YU1BSC	HS-PS10
X	PRE-MAIN AMP	R 0054	88-108-221-080	0E	C-RES,U 220-1/16W J	YU1BSC	HS-PS10
O	PRE-MAIN AMP	SFR0051	87-024-197-010	0E	SFR,1K H VZ066L3	YU1BSC	HS-PS10
O	PRE-MAIN AMP	SW 0001	87-A90-133-110	0E	SW,LEAF LSA1120JAU	YU1BSC	HS-PS10
O	PRE-MAIN AMP	VR 0001	87-A91-581-110	0E	VR,RTRY 20KBX1	YU1BSC	HS-PS10
X	PRINTED MATTERS		87-056-146-010	0E	SH,CAUTION HP-N	YU1BSC	HS-PS10
O	PRINTED MATTERS		8B-HKA-906-110	--	IB,YU (ESF)-C	YU1BSC	HS-PS10
X	PRINTED MATTERS		8B-HKA-910-010	--	WARR-CARD,PS10-C	YU1BSC	HS-PS10
X	PWB,A		8B-HKA-610-010	0E	PWB,COMB 4M	YU1BSC	HS-PS10
X	PWB,A		8B-HKA-611-010	--	PWB,MAIN	YU1BSC	HS-PS10
X	PWB,A		8B-HKA-612-010	--	PWB,FRONT	YU1BSC	HS-PS10
O	SCREW		87-067-384-010	0E	VT2+1.4-3.5 SWCH HL	YU1BSC	HS-PS10
O	SCREW		87-067-732-010	0E	VT2+1.4-3 CR BLK HL	YU1BSC	HS-PS10
O	SCREW		87-067-815-110	0E	S-SCREW,VT+1.4-3 CR HL	YU1BSC	HS-PS10
O	SCREW		87-264-525-310	0E	V+1.7-2.5 CR	YU1BSC	HS-PS10
O	SUPER BASS	C 0401	87-A10-025-080	0E	C-CAP,U 0.22-16 Z F	YU1BSC	HS-PS10
O	SUPER BASS	C 0402	87-A10-025-080	0E	C-CAP,U 0.22-16 Z F	YU1BSC	HS-PS10
O	SUPER BASS	C 0403	87-010-831-080	0E	C-CAP,U 0.1-16 Z F	YU1BSC	HS-PS10
X	SUPER BASS	R 0401	88-108-123-080	0E	C-RES,U 12K-1/16W J	YU1BSC	HS-PS10
X	SUPER BASS	R 0402	88-108-123-080	0E	C-RES,U 12K-1/16W J	YU1BSC	HS-PS10
X	SUPER BASS	R 0403	88-108-103-080	0E	C-RES,U 10K-1/16W J	YU1BSC	HS-PS10
O	SUPER BASS	SW 0401	87-A92-020-010	0E	C-SW,SL 1-1-2 LONG(NC)	YU1BSC	HS-PS10
X	TAPE TRANSPORT		M8-4ZM-281-070	--	4ZM-2 P17NC	YU1BSC	HS-PS10





アイワ株式会社 〒110-8710 東京都台東区池之端1-2-11 ☎03(3827)3111 (代表)
AIWA CO.,LTD. 2-11, IKENOHATA 1-CHOME, TAITO-KU, TOKYO 110, JAPAN TEL:03 (3827) 3111



SERVICE MANUAL

STEREO CASSETTE PLAYER

BASIC TAPE MECHANISM : 4ZM-2 P17NC

- This Service Manual is the “Supplement” and replaces “Simple Manual” of HS-PS10 (YU), (S/M Code No. 09-013-438-1T2)
- This Service Manual contains information about the difference between HS-PS10 (YU) and HS-PS211(Y). If requiring other information, see Service Manual of HS-PS211(Y), (S/M Code No. 09-00B-438-1R1).

SPECIFICATIONS

Maximum output: 15 mW + 15 mW (EIAJ 32 ohms)
Power source: DC 3 V using two R6 (size AA) batteries
Maximum dimensions: 91.5 (W) x 116.5 (H) x 33.0 (D) mm
(3⁵/₈ x 4⁵/₈ x 1⁵/₁₆ in.)
(excluding projecting parts and control)
Weight: Approx. 109 g (3.8 oz) (excluding batteries)

- Design and specifications are subject to change without notice.

ACCESSORIES / PACKAGE LIST

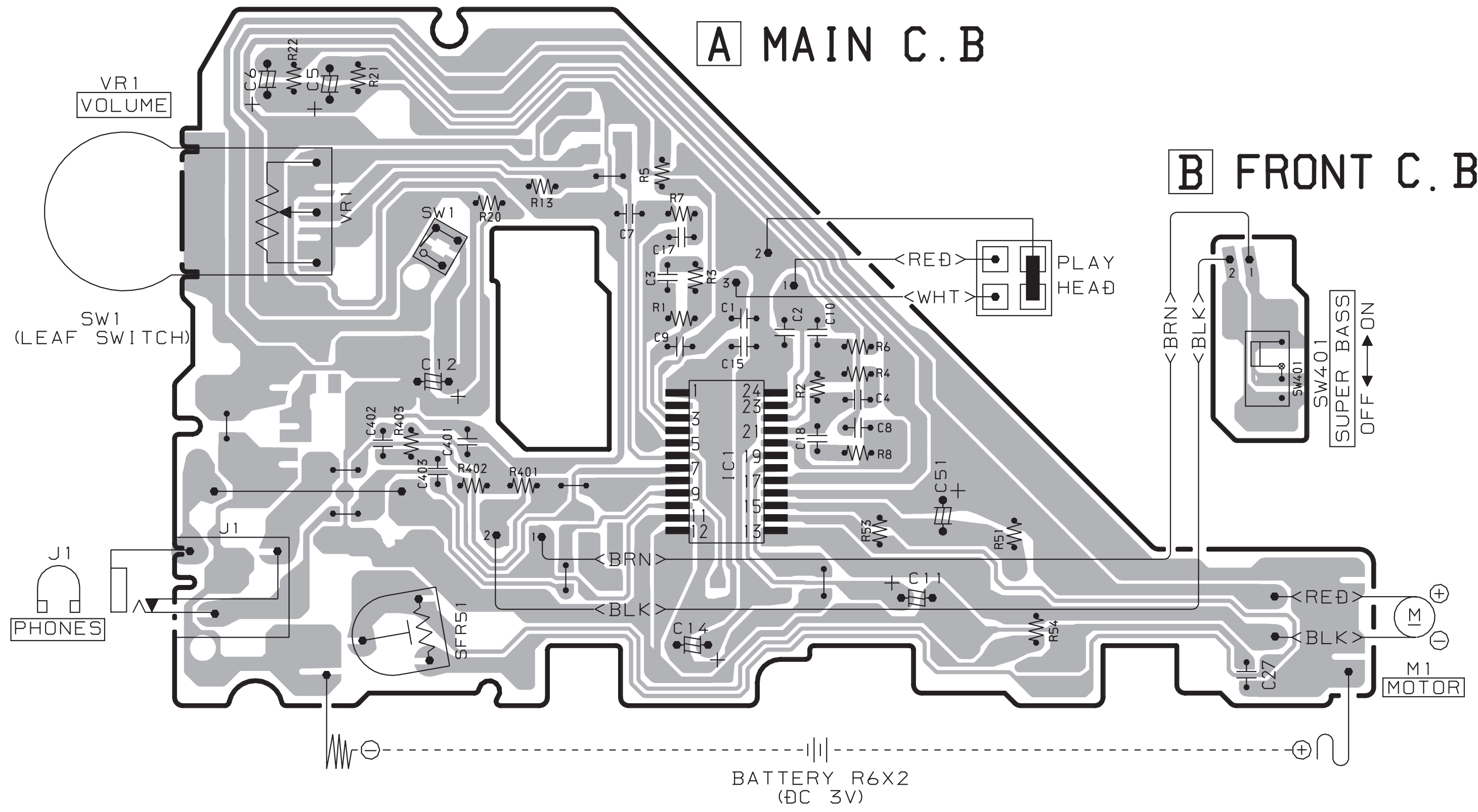
REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8B-HRL-046-010		CLIP, BELT J034N
2	87-B30-448-010		HEADPHONE, HP-M029 (T2DG)
3	8B-HKA-906-110		IB, YU (ESF) -C

ELECTRICAL MAIN PARTS LIST

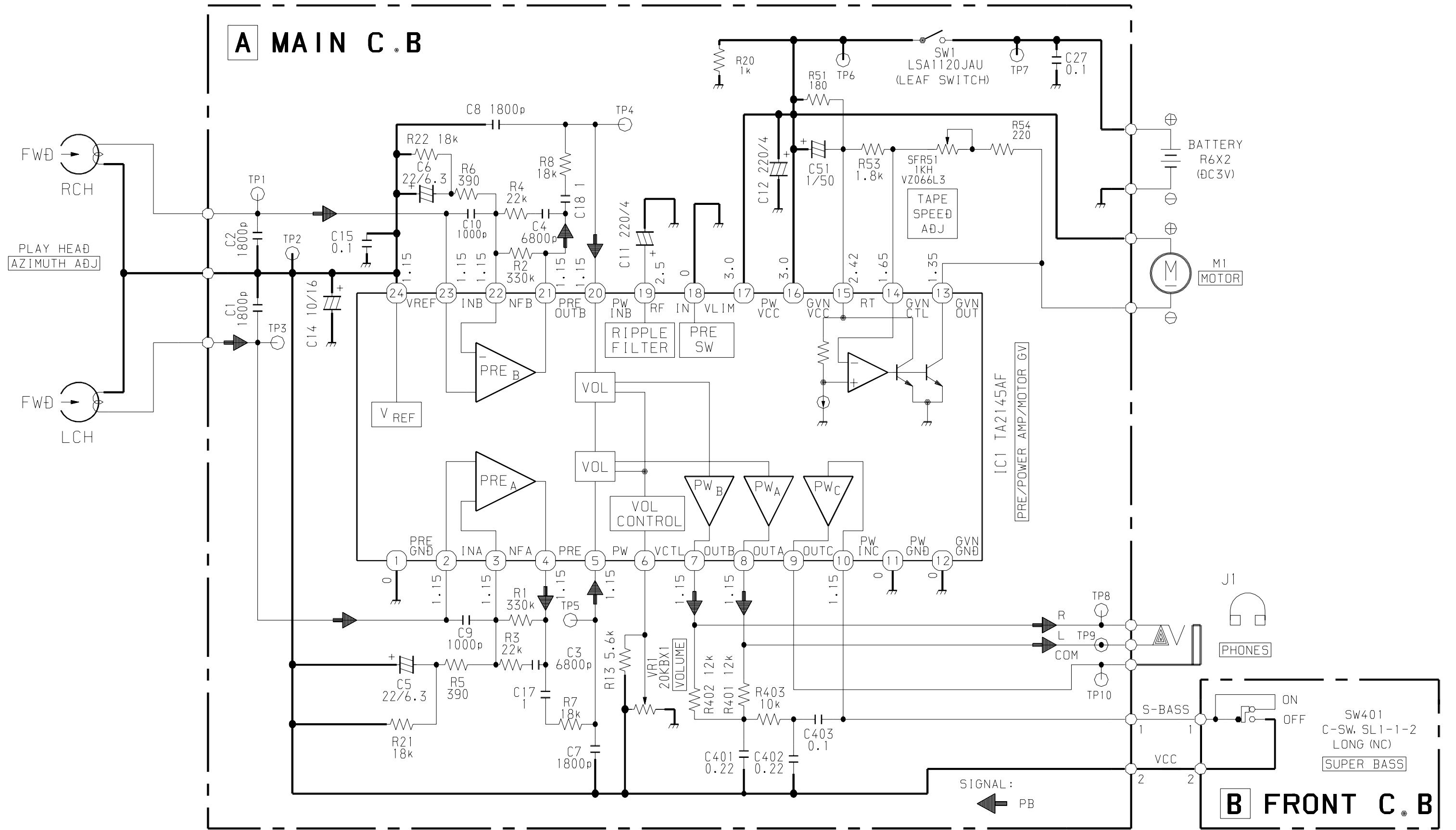
REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
IC			
	87-A21-684-040		C-IC,TA2145AF
MAIN C.B			
C1	87-012-277-080		C-CAP,U 1800P-50 K B
C2	87-012-277-080		C-CAP,U 1800P-50 K B
C3	87-012-284-080		C-CAP,U 6800P-50 K B
C4	87-012-284-080		C-CAP,U 6800P-50 K B
C5	87-015-674-040		CAP,E 22-6.3 M 7L SRA
C6	87-015-674-040		CAP,E 22-6.3 M 7L SRA
C7	87-012-277-080		C-CAP,U 1800P-50 K B
C8	87-012-277-080		C-CAP,U 1800P-50 K B
C9	87-012-274-080		C-CAP,U 1000P-50 K B
C10	87-012-274-080		C-CAP,U 1000P-50 K B
C11	87-A10-489-040		CAP,E 220-4 7L SR
C12	87-A10-489-040		CAP,E 220-4 7L SR
C14	87-015-681-040		CAP,E 10-16 7L SRA
C15	87-010-831-080		C-CAP,U 0.1-16 Z F
C17	87-A11-056-080		C-CAP,U 1-10 Z F
C18	87-A11-056-080		C-CAP,U 1-10 Z F
C27	87-010-831-080		C-CAP,U 0.1-16 Z F
C51	87-015-695-040		CAP,E 1-50 7L SRA
C401	87-A10-025-080		C-CAP,U 0.22-16 Z F
C402	87-A10-025-080		C-CAP,U 0.22-16 Z F
C403	87-010-831-080		C-CAP,U 0.1-16 Z F
J1	85-HRL-623-010		JACK,3.5 BLK ST BLK
R51	87-A00-530-080		C-RES, S 180-1/10W F
SFR51	87-024-197-010		SFR,1K H VZ066L3
SW1	87-A90-133-110		SW,LEAF LSA1120JAU
VR1	87-A91-581-110		VR,RTRY 20KBX1
FRONT C.B			
SW401	87-A92-020-010		C-SW,SL 1-1-2 LONG(NC)

A MAIN C.B

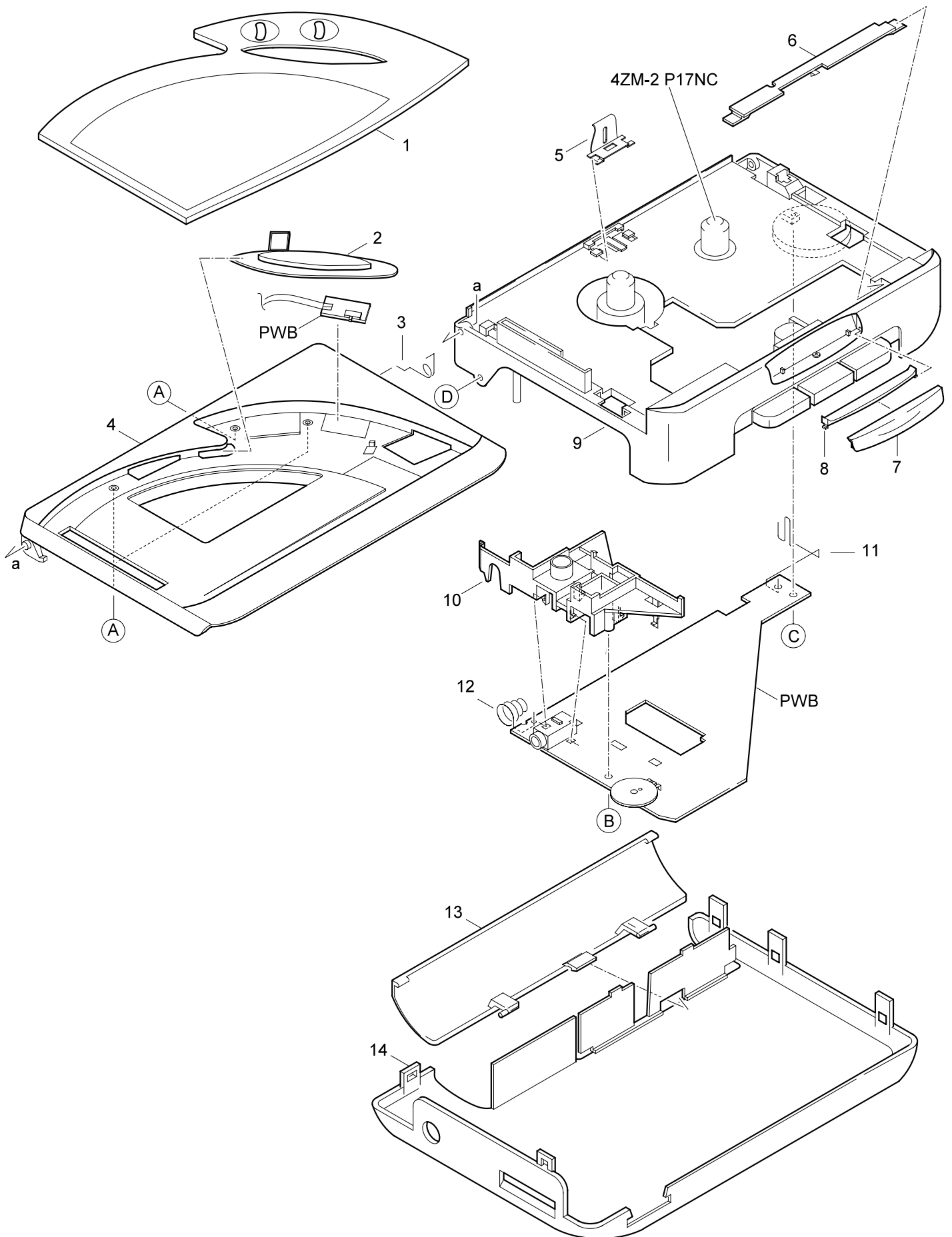
B FRONT C.B



SCHEMATIC DIAGRAM (MAIN / FRONT)



MECHANICAL EXPLODED VIEW 1 / 1



MECHANICAL PARTS LIST 1 / 1

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8B-HKA-002-010		PANEL, SBASS
2	8B-HRL-006-010		KNOB, SL SBASS
3	86-HRM-205-010		SPR-T, CLICK
4	8B-HKA-064-010		LID, CASS
5	8B-HRL-208-010		SPR-P, CASS
6	8B-HRL-204-010		PLATE, HEAD
7	8B-HRL-007-010		BTN, PLAY
8	8B-HRL-203-010		PLATE, BTN
9	8B-HRL-002-010		FRAME, CENTER
10	8Z-HKA-201-110		HLDR, JACK
11	8B-HKA-201-010		BAT-CONTACT, (+)
12	8Z-HKA-205-010		BAT-CONTACT, (-)
13	8B-HKA-004-010		LID, BATT
14	8B-HKA-003-010		CABI, REAR
A	87-067-732-010		TAPPING SCREW, VT1.4-3
B	87-067-384-010		SCREWVT1.4-3.5HL
C	87-264-525-310		SCREW, V+1.7-2.5
D	87-067-815-110		VT+1.4-3 (HL)

COLOR NAME TABLE

Basic color symbol	Color	Basic color symbol	Color	Basic color symbol	Color
B	Black	C	Cream	D	Orange
G	Green	H	Gray	L	Blue
LT	Transparent Blue	N	Gold	P	Pink
R	Red	S	Silver	ST	Titan Silver
T	Brown	V	Violet	W	White
WT	Transparent White	Y	Yellow	YT	Transparent Yellow
LM	Metallic Blue	LL	Light Blue	GT	Transparent Green
LD	Dark Blue	DT	Transparent Orange	GM	Metallic Green
YM	Metallic Yellow	DM	Metallic Orange	PT	Transparent Pink
LA	Aqua Blue	GL	Light Green	HT	Transparent Gray

アイワ株式会社 〒110-8710 東京都台東区池之端1-2-11 ☎03(3827)3111 (代表)
AIWA CO.,LTD. 2-11, IKENOHATA 1-CHOME, TAITO-KU, TOKYO 110, JAPAN TEL:03 (3827) 3111