

HS-PS163 Y, YJ



STEREO CASSETTE PLAYER

BASIC TAPE MECHANISM: 4ZM-2 P12NC

• This Service Manual is for HS-PS163 (Y) Silver color.



SPECIFICATIONS

15 mW + 15 mW (EIAJ 32 ohms)<YJ> 4 mW + 4 mW (EIAJ 16 ohms)<Y> $^{\prime}$ Maximum output:

DC 3V using two size AA (R6) batteries. Power source: Maximum dimensions: 116.6 (W) x 92.0 (H) x 34.3 (D) mm

 $(4.5/_8 \times 3.5/_8 \times 1.3/_8 \text{ in.})$ Approx.110.0 g (3.9 oz) (excluding batteries) Weight:

• Design and specifications are subject to change without notice.

ACCESSORIES/PACKAGE LIST

REF.NO. PARTNO. KANRI DESCRIPTION NO.

> 1 84-447-019-310 CLIP, BELT

87-B30-195-010 HEADPHONE, HP-M029(F) 3 8Z-HKB-909-010 IB, Y (EGFSI) 163 < Y> 8Z-HKB-910-010 IB,Y (EDPOHCZ)163 <Y> 3 8Z-HKB-911-010 IB, YL (ESC) 163 < YJ>

ELECTRICAL MAIN PARTS LIST

REF.NO. PARTNO. KANRI DESCRIPTION NO.

IC

87-A21-387-040 C-IC, TA2145F

DIODE

87-020-027-080 CHIP-DIODE 1SS184

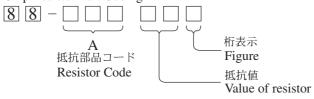
MAIN C.B

C1	87-A11-554-080	C-CAP, S 1800P-50 K B
C2	87-A11-554-080	C-CAP, S 1800P-50 K B
C3	87-A11-565-080	C-CAP, S 8200P-50 K B
C4	87-A11-565-080	C-CAP, S 8200P-50 K B
C5	87-015-674-040	CAP E 22-6.3M SRA
C6	87-015-674-040	CAP E 22-6.3M SRA
C7	87-A11-553-080	C-CAP, S 1500P-50 K B
C8	87-A11-553-080	C-CAP, S 1500P-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	E/CAP 10-16
C15	87-A11-718-080	C-CAP, S 0.1-25 Z F
C16	87-A11-733-080	C-CAP, S 1-16 Z F <yj></yj>
C17	87-A11-733-080	C-CAP, S 1-16 Z F
C18	87-A11-733-080	C-CAP,S 1-16 Z F
C51	87-015-695-040	E/CAP 1UF 50V TAPG
J1	85-HRL-623-010	JACK, 3.5 ST BLK
R51	87-A00-530-080	C-RES, S 180-1/10W F
SFR51	87-024-197-010	SEMI-FIXED RESISTOR, 1K
SW1	87-A90-133-110	SW, LEAF LSA1120JAU
VR1	87-A91-581-010	VR,RTRY 20KBX1

〇チップ抵抗部品コード/CHIP RESISTOR PART CODE

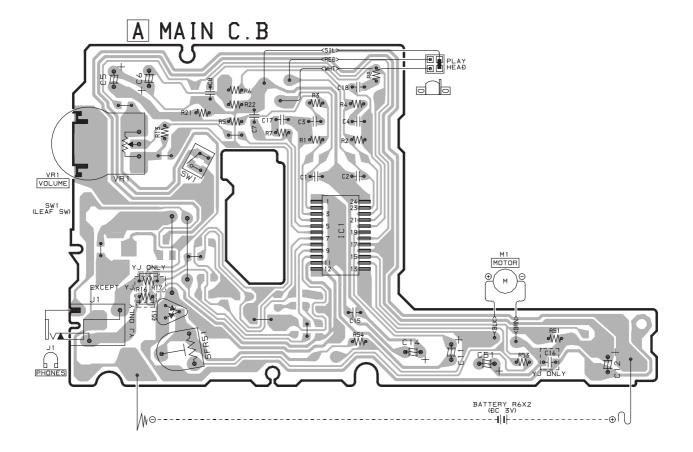
チップ抵抗部品コードの成り立ち Chip Resistor Part Coding

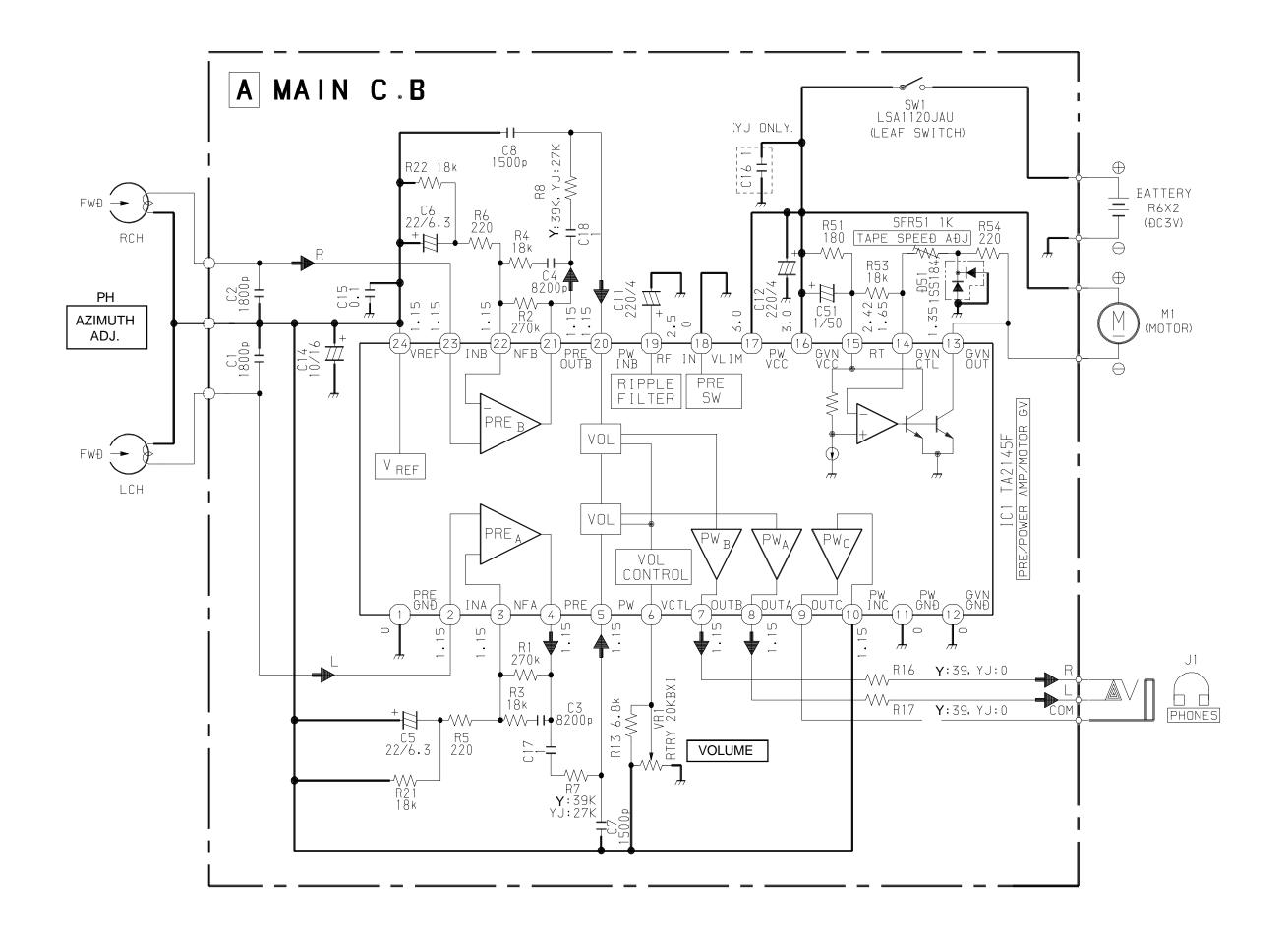




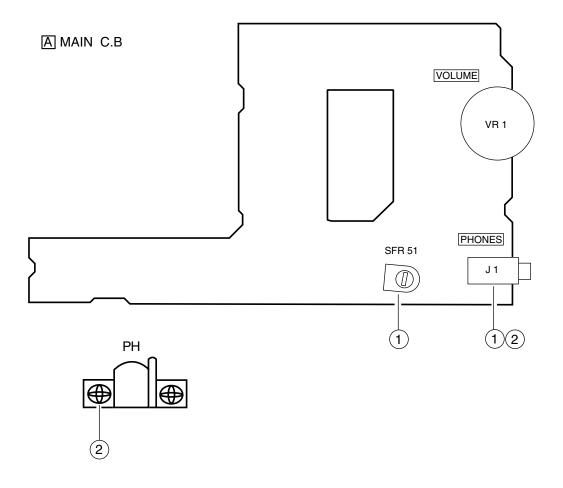
チップ抵抗 Chip resistor

容量	種類	許容誤差	記号	寸法/Dimensions (mm)				抵抗コード : A
Wattage	Type	Tolerance	Symbol	外形/Form	L	W	t	Resistor Code : A
1/16W	1005	± 5%	CJ	L L	1.0	0.5	0.35	104
1/16W	1608	± 5%	CJ		1.6	0.8	0.45	108
1/10W	2125	± 5%	CJ		2	1.25	0.45	118
1/8W	3216	± 5%	CJ		3.2	1.6	0.55	128





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1. Tape Speed Adjustment Settings: • Test tape:

Settings:

• Test tape:

• Test point:

• Adjustment location:

SFR 51

Method:

Play back the test tape and adjust SFR 51

so that the frequency is 3000Hz±10Hz.

2. Head Azimuth Adjustment Settings: • Test tape:

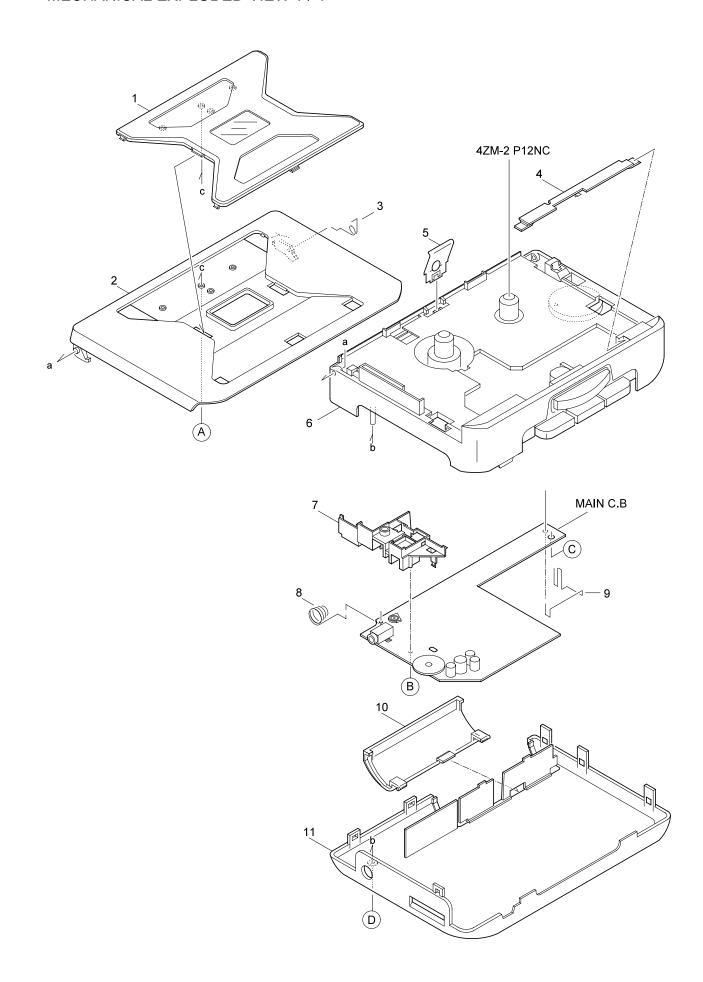
TTA-300 PHONES JACK (J1) • Test point : • Ajustment location: Head azimuth

adjustment screw

Method:

Play back the test tape and adjust the screw so that the output becomes maximum and

same phase.

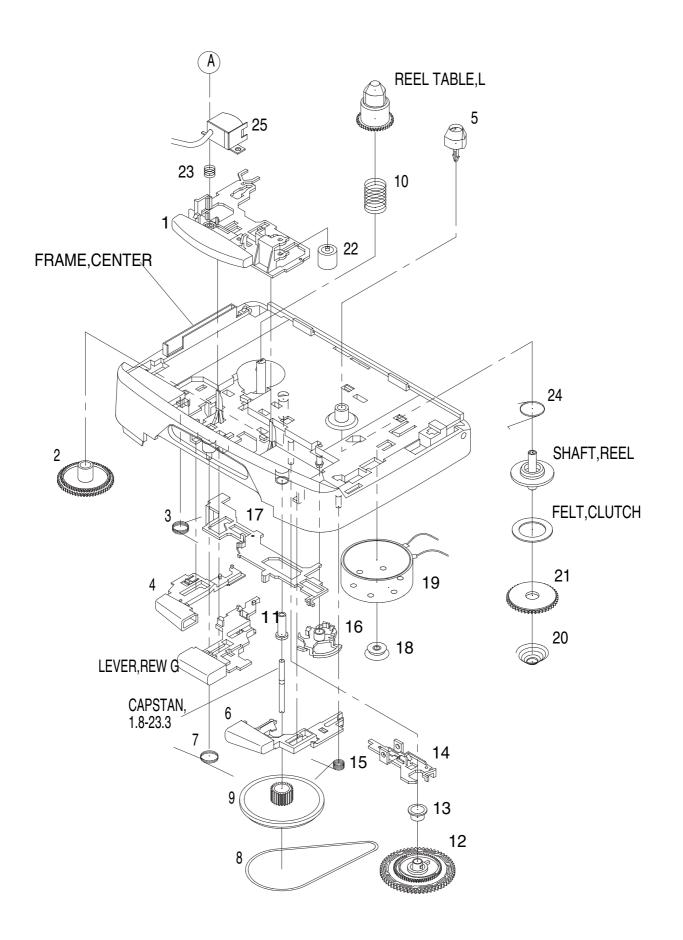


MECHANICAL PARTS LIST 1 / 1

REF.NO.	PARTNO.	KANRI DESCRIPTION	ON
		NO.	
1	8Z-HKB-050-01	DANET GACG VG 1	62 aVs
	8Z-HKB-051-01		63 <yj></yj>
	8Z-HKB-009-01		
3	86-HRM-205-01	SPR-T,CLICK	
4	87-HRR-206-01	PLATE, HEAD J034	
5	8A-HRL-202-01	SPR-P, CASS	
6	88-HRJ-038-01	FRAME CENTER	
7	8Z-HKA-201-01	HOLDER, JACK	
		•	
8	8Z-HKA-205-01	BAT-CONTACT, (-)	
9	8A-HKA-201-01	BAT-CONTACT, (+)	
10	8Z-HKA-019-01	LID, BATT J049N	
11	8A-HKA-008-01	CABI, REAR YZ <y></y>	
11	8A-HKA-007-01	CABI, REAR YU <yj< td=""><td>></td></yj<>	>
A	87-067-732-01	TAPPING SCREW,	VT1.4-3
В			
ь	0, 00,-304-01	, 50000011.4-3.50	
ď	87-264-525-31	SCREW, V+1.7-2.	5
D	87-067-691-01		-
ע	01-001-031-01) DCVTM AT+T*\-0	

COLOR NAME TABLE

Basic color	Color	Basic color	Color	Basic color	Color
	00101		00101		00101
symbol		symbol		symbol	
В	Black	С	Cream	D	Orange
G	Green	Н	Gray	L	Blue
LT	Transparent Blue	N	Gold	Р	Pink
R	Red	S	Silver	ST	Titan Silver
Т	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		



TAPE MECHANISM PARTS LIST 1 / 1

REF.NO.	PARTNO.	KANRI	DESCRIPTION
		NO.	
1	84-ZM2-012-110	LEVER, P	TAY G
	84-ZM2-211-110	-	
	84-ZM2-222-110		
	84-ZM2-015-110		
	84-ZM2-216-210		
•	V		,
6	84-ZM2-013-110	LEVER, F	F G
7	84-ZM2-223-110	SPR-T,R	EW STOP
8	84-ZM2-232-310) BELT, MA	IN
9	84-ZM2-221-110) FLY-WHL	, P2
10	84-ZM2-228-310	SPR-C,B	T
	84-ZM2-220-110		
	84-ZM2-210-210		
	84-ZM2-218-110		
	84-ZM2-208-510		
15	84-ZM2-224-110) SPR-T,F	F LOCK
	84-ZM2-207-310	•	
	84-ZM2-206-410		
	84-ZM2-219-010	•	
	87-A91-379-010	•	
20	84-ZM2-226-510	SPR-C,C	LUTCH
	84-ZM2-212-010		
	84-ZM2-233-110		ASSY, PINCH
	84-ZM2-227-310	-	
	84-ZM2-225-010		UTO FIND
25	87-A91-458-010	HEAD, AP	4211TA
7	84-ZM2-252-010	ו פ_פרס דינו	,AZI-2-6.4 C
A	04-2M2-252-010	MANJERG	, AUI-2-0.4 C

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