

Brand	Model	Year	Notes	W&F DIN WRMS	Model with similar mech.	Tape transport mechanism	Special head	Remote control	Sound processor / Bass expansion	Manual	Power output	Freq response	IC PRE AMP	IC BASS / SOUND EXP AMP	IC POWER/ HEADPHONE AMP	IC DOLBY AMP	IC MOTOR SERVO	IC MICROCONTROLLER	IC ADDITIONAL	HEAD PART NUMBER 84-439-610-01 HEAD PH W/PCB	MOTOR PART NUMBER 86-536-536-110 MOTOR	Total current	Power AAAx2	Gumstick PB-1
Aiwa	HS-PX10 [J] HS-PX101 HS-PX101A HS-PX700	1987	Aiwa did not make HX heads at the time of unit release. Data from Peter Vis. Kenwood CP-9RC is the OEM version, without Dolby C or DSL	<0.45%			N	Y	Y, DSL		2x15mW 40 Ω 2x20mW 16 Ω	30-12500 N 30-16000 M	TA8115F (1)	TK10595M	TA8115F (1)	NIM2065M	AN66275	TC9311F-003	MUTE BA3708F				AAAx2	?
Aiwa	HS-PC20 [J] HS-PC202	1988	Later models made in Singapore																			AAAx2	PB-3	
Aiwa	HS-PX20 [J] HS-P202MI	1989	Similar electronics to HS-PC202 but different casing. P202MI (Y). Max distortion less than 3%		HS-PC202		Y, AM HX	N	Y, DSL	S	2x15mW 32 Ω 2x20mW 16 Ω	63-8000 (+-3.5dB)	TA8115F (1)		Discrete, transistors	TA8115F (1)	NIM2063N	AN66125				AAAx2	PB-3	
Aiwa	HS-PC202MI HS-PC203	1989	Similar electronics to HS-PC202 but different casing. PC202MI (Y), PC203 (U) PC203 as HS-PC202MI, but with AC adapter and PB battery as standard and max distortion less than 2%	<0.45% FWD <0.48% REV	HS-PC202	α -1		N	N	S	2x15mW 32 Ω 2x20mW 16 Ω	63-8000 (+-3.5dB)	TA8115F (1)		TA8115F (1)	NIM2063N	AN66125			87-463-605-010 * for PCB-D 87-046-311-010 PB HEAD. A-352	87-045-283-010 MOTOR FM1.1	AAAx2	PB-2	
Aiwa	HS-PX30 [J] HS-PX303 HS-PX900	1989	1 IC for pre and main amp, azimuth adjustable head. PX-30 [D], PX303-PX900 (H,U,E,K). IC BASS from Sony WM-550C.	<0.45%		α -2	Y, AM HX	Y	Y, DSL	S	2x15mW 16 Ω 2x10mW 32 Ω	63-8000 (+-3.5dB) N 63-10000 (+-4dB) CR/M	TA8115F (1)	CXA1249M	TA8115F (1)	NIM2065AM	NIM2613 According to Peter Vis, no service manual info	TC9311F-014	Remote control decoder: BA3818F **		AAAx2	PB-3		
Aiwa	HS-PC202MIII	1990	Similar electronics to HS-PC202 but different casing. No gumstick sidecar, AAxA2		HS-PC202			N	N	O	2x20mW 16 Ω 2x15mW 32 Ω											AAxA2		
Aiwa	HS-PC204	1990	Identical to HS-PC202MIII, but with AC adapter and PB battery as standard		HS-PC202			N	N	O	2x20mW 16 Ω 2x15mW 32 Ω											AAxA2	PB-3	
Aiwa	HS-PX50 [J] HS-PX505(a)	1990	10 min quick charge, hyper extended head	<0.45%		α -2	Y, AM HX Bass	Y	Y, BBE + DSL	S	2x15mW 16 Ω 2x10mW 32 Ω	63-8000 (+-5dB) N 63-12500 (+-5dB) CR/M	TA8115F (1)	ASP5410 BBE HN1C01F DSL Transistor	TA8115F (1)	NIM2065AM	NIM2613	TC9311F-014	Remote control decoder: BA3818F ** * for PCB-G	87-046-367-010 * for PCB-G	M8-655-410-310 MOTOR ABL-3 for PCB-H	AAxA2	PB-4	
Aiwa	HS-PX1000	1990	Real Time Spectrum Analyzer with 4 pre-sets: Flat, Rock, Jazz, and Pop. Unique LCD, titanium body. DSL level 1 when set to Rock, 2 Jazz, off Flat and Pops - no manual DSL override. BBE switch, 2 levels. Often referred to as D09 fighter or Boodokhan killer.			O2M -4	Y, HX	Y	Y, BBE + DSL	S (Cover page only)	2x12mW 16 Ω 2x10mW 32 Ω											AAxA2	PB-55	
Aiwa	HS-IX70 [J, T] HS-IX707 HS-IX707D [T]	1991- 1993	Voice Navigation, world clock (non-programmable on IX70), sleep, timer, reverse recording. TV on IX707D only	<0.45%		O2M -4	Y	Y	Y, BBE + DSL	S	2x10mW 16 Ω 2x7mW 32 Ω	63-8000 (+-3.5dB) N 63-12500 (+-4.5dB) CR/M	TA8115FN	XRC5484	TA7688F	NIM2065AM	TPIC326ADB	TB2003-003FN	Remote comparator: CXA1405AM TV/FM front end: TA8152AFN Radio micro controller: TC9316F-003, TC9316F-004 (D) FM/AM MIX: TA8132AF BILINGUAL (D ONLY): TA8154FN Battery indicator: MM1085XF DC-DC: TA2018FN Voice nav: MSM6374-53405 Prescaler: TB6134F1	87-046-367-010 * for PCB-F	M8-025-219-000 MOTOR ABL-7A	AAxA2	PB-55	
Aiwa	HS-EX3000 [J, T] HS-IX3000 HS-IX3000D [T]	1992	Gold IX707, presentation box, wallet, HP-D9 headphones. Service manual dated Oct. 1991 JX3000 = gold IX707D, JX3000D = gold IX707D		HS-IX70	O2M -4	Y	Y	Y, BBE + DSL	S	2x10mW 16 Ω 2x7mW 32 Ω		TA8115FN	XRC5484	TA7688F	NIM2065AM	TPIC326ADB	TB2003-003FN	Remote comparator: CXA1405AM TV/FM front end: TA8152AFN Radio micro controller: TC9316F-003, TC9316F-004 (D) FM/AM MIX: TA8132AF BILINGUAL (D ONLY): TA8154FN Battery indicator: MM1085XF DC-DC: TA2018FN Voice nav: MSM6374-53405 Prescaler: TB6134F1	87-046-367-010 * for PCB-F	M8-025-219-000 MOTOR ABL-7A	AAxA2	PB-55	
Aiwa	HS-PX410	1992	Service manual dated 7-92, internally more comparable to earlier machines	<0.45%		O2M -1			Y, DSL	S	2x12mW 16 Ω 2x10mW 32 Ω	63-8000 (+-4dB) N	TA8115F (1)	HN1C01F (Discrete, transistor)	TA8115F (1)	NIM2065AM	AN66125 (GOVERNOR)			87-046-381-101 * for PCB-C	87-045-309-010 (*)	AAxA2	PB-4	
Aiwa	HS-IX909	1993	Gold IX707, new 'aiwa' logo, no presentation box etc.		HS-IX70	O2M -4																AAxA2	PB-55	
Aiwa	HS-IX929 [J, T]	1994	Update of HS-IX70, AM Stereo, with new 'aiwa' logo. Very little else to find, ThePersonalHiFi and S2Go have this as summary.		HS-IX70	O2M -4			Y, updated													AAxA2	PB-55	
Kenwood	CP-C7	1989							Y, Bass														AxA1	
Kenwood	CP-D7	1990	Sharp IC-50 OEM?						Y, Bass														AxA1	Y
Kenwood	CP-E7	1991	Sound processor: Off (normal), Rock, Fusion, Pops	0.47%			Y, alloy	Y	Y, Sound Processor	O (hard copy), S	2x5mW (N+M)	20-18000 N+M	TA7795FN	N.A.	TA8157FN	NIM2065A	LB1673M	IX1850				AxA1	Y	
Kenwood	CP-J7	1992	Sound processor: Off (normal), Rock, Fusion, Pops, Outdoor, Indoor. Aiwa rebranded?					Y, LCD	Y, Sound Processor	O	2x5mW (N+M)	20-18000 N+M											AxA1	Y
Kenwood	CP-K7	1992	sound processor					Y															AxA1	Y
Kenwood	CP-M7		Bass and Bass Ex switch. Triangular power LED in the W of the brand name. Suggested in S2Go thread Sharp OEM?					Y															AxA1	Y
Panasonic	RQ-P515	1988						Y	Y		2x5mW	20-18000											Y	
Panasonic	RQ-P525	1988		0.25%				Y	Y, 3 XBS	S	2x10mW	20-18000	BA3413FST	LA3550MT	LA4535M	NIM2065AMT	NBC6175	TC9311FT-012				AxA1	Y, RP-BP105	
Panasonic	RQ-P580	1988						Y, wireless	Y, 3 XBS		2x5mW	20-18000											Y	
Panasonic	RQ-55	1989	fine gap head					Y	Y, 3 S-XBS		2x5mW	15-20000											AxA1	Y
Panasonic	RQ-55V	1989	TV/FM/AM Radio, LCD on the unit, AR-90 mechanism					Y	Y -S-XBS		2x5mW	15-20000											Y	
Panasonic	RQ-56	1990	LCD on unit					Y	Y -S-XBS		2x5mW	15-20000											Y	
Panasonic	RQ-555	1990	ASC Normal or mild				Y, FG AM	Y	Y, 3 S-XBS		2x5mW	15-21000											Y	
Panasonic	RQ-565	1990					Y, FG AM	Y, LCD	Y, 3 S-XBS	O	2x6mW	15-21000											Y, RP-BP62	
Panasonic	RQ-580	1991	Equalizer: Normal, Heavy, Town, Train, Live Normal, Live Heavy, Live Town, Live Train. 1 IC for Pre, Bass Exp and Headphone AMP	0.30%			Y, 12 layer laminata	Y, LCD	Y -S-XBS (Heavy)	S	2x5mW	15-20000	LA4589W (1)	LA4589W (1)	LA4589W (1)	NIM2065AMT	AN6628FAP	M34211M406G8		RXQ0209 *	HPX-24NB1AT	AxA1	Y, RP-BP62	
Sharp	JC-C30							Y															AxA1	Y
Sharp	JC-C50	1989- 1990						Y	Y, X-Bass														AxA1	Y
Sony	WM-D6C	1984- 2002	Quartz driven	0.04% 0.14%	D6		Y	N	N	O, S	2x32mW 32 Ω	40-15000	NIM4458M (LINE & REC)	N.A.	TA7688F	CX20068	CX20084	N.A.	PLL: MSM5814RS LED DRIVER: CX10043	8-825-529-00 PA259-3602A	X-3305-830-1 *	120, -, 148, 145, -, - REC I, II, IV: 142, 146, 150	AxA4	N
Sony	WM-DC2	1984	DDII + Dolby C with an amorphous head, quartz driven	0.07% 0.13%	DD	MF-WMDC2-24	Y	N	N	O, S	2x20mW	40-1500	Discrete	N.A.	TA7688F	CX20068	CX20084	N.A.	PLL: MSM5814RS	8-825-576-10 PA263-3602	X-3310-922-1 (* AS DDII)	98, 98, 98	AxA2	N
Sony	WM-550C	1988	Released July 1988 per service manual		WM-150	MT-WM150-01	Y, EX AM	N	Y, 3 DBB	S [J]	2x5mW 16 Ω	20-18000	TA7795FN	CXA1249M	LA4535M	NIM2065M	LAG674F	N.A.	1-543-550-11 [*AS WM-150]	1-541-589-01 [*AS WM-150]	135, 135, 100, 100	AxA1	Y, NC-6WM	
Sony	WM-F550C	1988	As WM-550C, adding FM/AM/TV radio Released July 1988 per service manual		WM-150	MF-WMF550C-01	Y, EX AM	N	Y, 3 DBB	S [J]	2x5mW 16 Ω	20-18000	TA7795FN	CXA1249M	LA4535M	NIM2065M	LAG674F	N.A.	IC1: CX10053A/B IC2: CX10054	1-543-550-11 [*AS WM-150]	1-541-589-01 [*AS WM-150]	135, 135, 100, 100	AxA1	Y, NC-6WM
Sony	WM-701C	1989	Thinner successor of the WM-550C		NEW	MT-WM701C-17	Y	Y, 3 DBB	S		2x5mW	20-18000	MHC8570EQD1L	CXA1249M	TA8145FN	NIM2065AM	LB1672M	mPD7508HG626	1-543-576-11	1-462-264-11 COIL, MOTOR (STATOR)	210, 210, 120, 120	AxA1	Y, NC-6WM	
Sony	WM-F701C	1989	As WM-701C, adding FM/AM/TV radio and LCD		WM-701C		Y	Y, 3 DBB	O		2x5mW	20-18000	MHC8570EQD1L	CXA1249M	TA8145FN	NIM2065AM	LB1672M	mPD7508HG626	Radio IC missing, identical to F702?		210, 210, 120, 120	AxA1	Y, NC-6WM	
Sony	WM-703C	1990	Seems a 701C with different model number		WM-701		Y	Y, 3 DBB			2x5mW	20-18000	MHC8570EQD1L	CXA1249M	TA8145FN	NIM2065AM	LB1672M	mPD7508HG626			210, 210, 120, 120	AxA1	Y, NC-6WM	
Sony	WM-D09	1990	Only dual capstan drive Walkman ever, quartz driven, very power hungry, 1xAaOr 1x gumstick internal, not both	0.13% 0.22%	NEW	MT-WMD09-42	Y	N	Y, 3 DBBx2 (In Service as Mega Bass)	O, S	2x5mW	20-20000	TA7795FN	NIM2106M	TA8145FN	NIM2065AM	CXA1423N	TB2001FM	Battery level: MM-1046XMR PLL (quartz): MSM58141MSK	1-543-689-11	A-3133-395-A * FWD A-3133-396-A *REV	210, 200, 170, 170	AxA1	Y, NC-6WM
Sony	WM-EX49C	1990			WM-150	MF-WMA602-01	Y, EX	N	Y, 3 MB				TA7795FN	CXA1249	TA8145FN	NIM2165V	LB1672M		1-543-605-11	1-541-660-11	130, 130, 90, 90	AxA1	Y, NC-5WM	
Sony	WM-B603	1990	Same as EX49C Euro model; 1xAaOr 1x gumstick internal, not both		WM-150	MF-WMA602-01	Y, EX	N	Y, 3 MB	S			TA7795FN	CXA1249	TA8145FN	NIM2165V	LB1672M		1-543-605-11	1-541-660-11	130, 130, 90, 90	AxA1	Y, NC-5WM	
Sony	WM-DX100	1991	disk driven belt mechanism, W&F above Sony's DD range		NEW	MT-WMDX100-60	Y, EX	Y, RM-10D	Y, 3 DBB (In Service as EX DBB)	O (hard copy), S	2x5mW	20-18000	TA7795FN	NIM2106M	TA8145FN	NIM2065AM	CXA1423N	MSM-6575-CFX1093 AMS: BA3708F PLL: MSM58141MSK	1-543-859-11	1-541-916-11	180, 180, -, -	AxA1	Y, NC-6WM	
Total units 43																								
J: Japanese version U: USA Version T: TV Band																								
AM: Amorphous EX: Extended HX: Hyper extended																								
S: Service O: Operating [J]: Japanese																								
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