



LEGACY ARDEN

Heritage Floor-Standing 15" Hi Fi Loudspeaker Based on Famous HPD Design

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Service Manual

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Specifications

- Heritage 2 way floor-standing loudspeaker based on famous HPD design for large rooms
- Original cabinet design and components provide a genuine reproduction of the break-through product
- Dual Concentric driver based on the famous HPD 1974 pedigree technology provides class-leading coherence and point-source imaging
- Sophisticated crossover network with 2 separate channels perfectly complements the Dual Concentric driver for a truly natural sound
- Front mounted control panel houses a 2 band energy control with boost and attenuation compensation for room design and tailoring to personal preference
- Highly efficient 15" driver with 600 Watt power handling delivers breath-taking dynamics and realism
- Wide frequency range with excellent transient response results in natural reproduction and an almost total lack of colouration
- Heavy duty 24 carat multi-layer gold plated WBT* bi-wireable binding posts for optimum signal transmission and integrity
- 8 mm floor coupling spikes provide stability and dissipate unwanted energy
- Fifth binding post provides grounding to reduce radio frequency interference and improve mid range clarity
- High density cabinet provides extreme rigidity to control low frequency performance
- Extensive bracing incorporating DMT (Differential Materials Technology) to couple drivers to cabinets
- TANNOY - 90 years of British sound heritage and innovation
- 10-Year Warranty Program*
- Designed and manufactured in the U.K.

Service Assemblies

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1			Q09-00001-88802	A09-00001-88802	SPARE PART;DRIVER KIT - ARDEN - REV 2	[EXTRA SPARE]	
2			Q09-00001-88796	A09-00001-88796	SPARE PART;DRIVER KIT - ARDEN - REV 1	[EXTRA SPARE]	
3			Q09-00001-88796	A09-00001-88796	SPARE PART;DRIVER KIT - ARDEN - REV 1	[EXTRA SPARE]	
4			Q09-00001-88803	A09-00001-88803	SPARE PART;RECONE KIT ARDEN - REV 2	[EXTRA SPARE]	
5			Q09-00001-88802	A09-00001-88802	SPARE PART;DRIVER KIT - ARDEN - REV 2	[EXTRA SPARE]	
6			Q09-00001-88797	A09-00001-88797	SPARE PART;RECONE KIT ARDEN - REV 1	[EXTRA SPARE]	

Cable

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.3000	M	Q81-00001-84128	A81-00001-84128	WIRE HARNESS;BLACK;1134 6001 WIRE CS18 7 STRAND BK VDH		
2	2.0000	PC	Q88-00001-84857	A88-00001-84857	CABLE;SPEAKER;7500 0786 LEAD ASSY - ADJ PANEL LEGACY LONG		
3	1.0000	PC	Q88-00001-84859	A88-00001-84859	CABLE;SPEAKER;7500 0789 LEAD ASSY - DRIVER LEGACY LONG		
4	2.0000	PC	Q88-00001-85067	A88-00001-85067	CABLE;SPEAKER;7500 0753 LEAD ASSY - HPS PRESTIGE GR		
5	1.0000	PC	Q88-00001-85068	A88-00001-85068	CABLE;SPEAKER;BLACK;7500 0706 LEAD ASSY - BLACK BI-WIRE		
6	1.0000	PC	Q88-00001-85069	A88-00001-85069	CABLE;SPEAKER;RED;7500 0707 LEAD ASSY - RED BI-WIRE		
7	1.0000	PC	Q88-00001-85072	A88-00001-85072	CABLE;SPEAKER;7500 0787 LEAD ASSY - TERMINATION LEGACY PANEL LONG		

Capacitor

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC			CAP E;BIPOLAR;56 uF;100 V;AXIAL;2767 6045 CAPACTIOR - 56UF 100V NON-POL E/LYTIC		*NOT available in DP
2	1.0000	PC			CAP FILM;4.7 uF;250 V;PPM;AXIAL;2606 0662 CAPACITOR - 4U7 CLARITYCAP ESA 250V	[:{1.0}(C1)]	*NOT available in DP
3	1.0000	PC			CAP FILM;10 mF;160 V;PPM;AXIAL;2606 0656 CAPACITOR - 10MF 160V P/P	[:{1.0}(C2)]	*NOT available in DP
4	1.0000	PC			2606 1174 CAPACITOR - 20uF XPP160J-206A BENNIC		*NOT available in DP

Coil

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC	R30-00001-84342	B30-00001-84342	COIL;AIR;0.2 mH;DCR:0.25 OHM;7100 0211 INDUCTOR - 0.2MH 0,25R AIR CORE		
2	1.0000	PC	R31-00001-84294	B31-00001-84294	COIL;BAR;3 mH;DCR:0.43 OHM;6811 0056 INDUCTOR - 3.0MH 0,43R LAM CORE 77X13X13		
3	1.0000	PC	R31-00001-84341	B31-00001-84341	COIL;BAR;1.1 mH;DCR:0.3 OHM;7100 0210 INDUCTOR - 1.1MH 0,3R SI CORE		

Connector

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC	R84-00001-84757	B84-00001-84757	CONN;3451 0053 TERMINAL BLOCK - 1989 CAST FRAMES		
2	2.0000	PC	R84-00001-84760	B84-00001-84760	CONN;4783 0336 TERMINAL BRASS - MALE 250		
3	0.0010	KG	R84-00001-84765	B84-00001-84765	CONN;4796 0021 FOIL ALUMINIUM ALLOY - 5056		

Hardware

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	4.0000	PC			HIT INSERT;M;CHROME;BLACK;DOME OF SILENCE - LEGACY		*NOT available in DP
2	5.0000				CABLE TIE;DIA:4 MM;LEN:220 MM;HEX;WHITE;CABLE TIE - TAKBRO TT200M		*NOT available in DP
3	3.0000	PC			CABLE TIE;DIA:4 MM;LEN:300 MM;HEX;WHITE;CABLE TIE - 300MM (547 717)		*NOT available in DP
4	0.3200	ML			FERROFLUID;1412 0067 FERROFLUID - APGS15N		*NOT available in DP
5	8.0000	PC			HEX.NUT T-NUT;M;HEX;ZINC;BLACK;NUT M5 HEX ZINC PLATE		*NOT available in DP
6	4.0000	PC			HEX.NUT T-NUT;M;DIA:8 MM;HEX;ZINC;BLACK;NUT M8 HALF BLACK		*NOT available in DP
7	4.0000	PC			HEX.NUT T-NUT;M;CHROME;BLACK;TECHSERT M8X17		*NOT available in DP
8	10.0000	PC			HEX.NUT T-NUT;M;CHROME;BLACK;INSERT M6 FLANGED		*NOT available in DP
9	10.0000	PC			HEX.NUT T-NUT;M;CHROME;BLACK;INSERT M5 FLANGED		*NOT available in DP
10	1.2000		V87-00001-83936	F87-00001-83936	RUBBER;GASKET - STRIP 850X3X2MM		
11	2.0000	PC	V87-00001-83953	F87-00001-83953	RUBBER;GASKET - HP SWITCH PRESTIGE		
12	6.0000				SCREW;M;DIA:5 MM;LEN:20 MM;HEX;ZINC;BLACK;HEXAGON REC.;PITCH:0.8 MM;SCREW M5X20 CSK HD HEX BLACK		*NOT available in DP
13	4.0000				SCREW;M;DIA:5 MM;LEN:30 MM;HEX;ZINC;BLACK;HEXAGON REC.;PITCH:0.8 MM;SCREW M5X30 CAP HD SKT E-COAT		*NOT available in DP
14	4.0000				SCREW;A;DIA:4 MM;LEN:25 MM;HEX;BRASS;GOLDEN;HEXAGON REC.;PITCH:1.46 MM;SCREW M4X25 CS HEX GOLD WOOD		*NOT available in DP
15	6.0000	PC			SCREW;M;CHROME;BLACK;SCREW M5X80 CS PZ2 WOOD		*NOT available in DP
16	10.0000				SCREW;M;CHROME;BLACK;SCREW M6X30 CAP HEAD SKT GOLD		*NOT available in DP
17	31.0000	PC			SCREW;M;DIA:3.5 MM;LEN:12 MM;BRASS;HEXAGON REC.;SCREW M3.5X12 POZI RD ZINC		*NOT available in DP
18	4.0000	PC			SCREW;4504 5707 SCREW M5X12 CAP HD HEX BLACK ZINC		*NOT available in DP
19	3.0000	PC			SCREW;4504 5709 SCREW M5X20 CAP HD CHEMI BLACK		*NOT available in DP
20	1.0000	PC			SCREW;4490 4108 SCREW M4X8 PAN HD T/TITE		*NOT available in DP
21	11.0000				SPRING;M;DIA:5 MM;HEX;ZINC;BLACK;PITCH:0.8 MM;WASHER M5 SPRING ZINC PLATE		*NOT available in DP
22	1.0000	PC			SPRING;DIA:4.6 MM;OD:11.5 MM;ZINC NICKEL;BLACK;FIX PUSH-ON DIA 5MM		*NOT available in DP
23	0.3600	M			SHRINKING TUBE;HEATSHRINK TUBING 4.8 RED RS341-5922		*NOT available in DP
24	12.0000				WASHER;M;DIA:5 MM;HEX;ZINC;BLACK;PITCH:0.8 MM;WASHER M5 PLAIN ZINC PLATE		*NOT available in DP
25	8.0000	PC			WASHER;M;DIA:5 MM;HEX;ZINC;BLACK;PITCH:0.8 MM;WASHER M5 SHAKEPROOF INT ZINC		*NOT available in DP
26	4.0000	PC			WASHER;M;DIA:8 MM;HEX;ZINC;BLACK;WASHER M8 NORMAL BLACK ZN PL		*NOT available in DP
27	3.0000		V97-00001-83965	F97-00001-83965	FOAM SHEET;WADDING - 460X150X50MM BLACK		
28	2.0000		V97-00001-83966	F97-00001-83966	FOAM SHEET;WADDING - 300X180X50MM BLACK		
29	4.0000		V97-00001-83967	F97-00001-83967	FOAM SHEET;WADDING - 500X280X50MM BLACK		
30	1.0000		V97-00001-84345	F97-00001-84345	DUST COVER;WHITE;BAG - CLOTH ARDEN		
31	2.0000	PC			FASTENER;M;HEX;BRASS;GOLDEN;TERMINAL KNOB - PRESTIGE GR GOLD		*NOT available in DP
32	4.0000	PC			FASTENER;M;DIA:8 MM;ZINC;BLACK;SPIKE M8X42 BLACK		*NOT available in DP

Metal Part

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	35.0000	PC	Q60-00001-84203	A60-00001-84203	METAL;PLATE;POCR1;MATERIAL:BRASS;BENDING + PUNCHING;ELECTRO-PLATING;GOLDEN;TERMINAL BLADE - TWIN 4.3 E-21		
2	1.0000	PC	Q65-00001-83945	A65-00001-83945	METAL;BADGE;POCR2;MATERIAL:ALUMINIUM ALLOY;GLOSS (HIGH);MACHINING;ANODIZING;GOLDEN;GRILLE BADGE - ROUND HPD		
3	1.0000	PC	Q65-00001-83951	A65-00001-83951	METAL;PLATE;POCR2;MATERIAL:BRASS;MACHINING;ANODIZING;GOLDEN;TRIM - MACHINED HP SWITCH HPD		
4	1.0000	PC	Q65-00001-84654	A65-00001-84654	METAL;POCR1;MATERIAL:COPPER;3638 0011 COPPER RING FOR 5830 0078		
5	1.0000	PC	Q65-00001-84655	A65-00001-84655	METAL;POCR2;MATERIAL:STEEL Q235;5830 0076 PLATE - 33MM TOP HF		
6	1.0000	PC	Q65-00001-84657	A65-00001-84657	METAL;POCR2;MATERIAL:STEEL Q235;5830 0078 PLATE - TOP 3133/3833G		
7	1.0000	PC	Q65-00001-84658	A65-00001-84658	METAL;POCR2;MATERIAL:STEEL Q235;5830 0079 BOTTOM PLATE/POLE 3133G		
8	1.0000	PC	Q65-00001-84659	A65-00001-84659	METAL;POCR2;MATERIAL:STEEL Q235;5830 0081 POLE & CAP (5830 0077/3638 0010)		
9	1.0000	PC	Q65-00001-84724	A65-00001-84724	METAL;PLATE;POD7M;MATERIAL:AL 6061;PUNCHING AND MACHINING;TERMINAL BLADE - NICKEL PLATE		
10	1.0000	PC	Q65-00001-84751	A65-00001-84751	METAL;POCQT;MATERIAL:ALUMINIUM;6220 0238 FRAME - 15IN CAST DUAL BLACK		
11	2.0000	PC	Q67-00001-83972	A67-00001-83972	METAL STACK;TERMINAL;POCR2;MATERIAL:BRASS;PUNCHING;GOLDEN;TERMINAL - WBT BLACK (WBT 0765)		
12	2.0000	PC	Q67-00001-83973	A67-00001-83973	METAL STACK;TERMINAL;POCR2;MATERIAL:BRASS;PUNCHING;GOLDEN;TERMINAL - WBT RED (WBT 0765)		
13	1.0000	PC	Q67-00001-83974	A67-00001-83974	METAL STACK;TERMINAL;POCR2;MATERIAL:BRASS;PUNCHING;GOLDEN;TERMINAL - WBT WHITE (WBT 0765)		

Plastic Part

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	4.0000	PC	W51-00001-83994	G51-00001-83994	PLASTIC;FEET;POCR1;PP;INJECTION;GLOSS MEDIUM;BLACK;FOOT - PLASTIC M8 TILT & GLIDE REF 110734		
2	12.0000		W53-00001-83914	G53-00001-83914	PLASTIC;CLIP;POCR2;NYLON;INJECTION;YS1284A;BLACK;DOWEL - MOULDED BLACK		
3	12.0000	PC	W53-00001-83942	G53-00001-83942	PLASTIC;MOUNT;POCR2;NYLON;INJECTION;MATT;BLACK;SOCKET - FLANGED		
4	1.0000	PC	W53-00001-83962	G53-00001-83962	PLASTIC;PANEL;POCRT;PMMA(UL94V-2);INJECTION;GLOSS (HIGH);BLACK;PANEL - TERMINATION ARDEN		
5	3.0000		W53-00001-83970	G53-00001-83970	PLASTIC;TUBE;POCRT;PP;INJECTION;YS1284A;BLACK;PORT TUBE - LEGACY LARGE 900029		
6	2.0000	PC	W57-00001-83952	G57-00001-83952	PLASTIC STACK;HOLDER;POCR2;ABS(UL94V-2);INJECTION;GLOSSY;BLACK;TERMINATION PANEL - FRONT KINGDOM ROYAL		

Resistor

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC			RESISTOR;CEMENT;2.7 ohm;5W;5 %;2252 3053 RESISTOR 2R7 5W 5% WW		*NOT available in DP
2	2.0000	PC			RESISTOR;CEMENT;10 ohm;5W;5 %;2252 3058 RESISTOR 10R 5W 5% WW		*NOT available in DP
3	1.0000	PC			RESISTOR;CEMENT;1 ohm;5W;5 %;2252 3051 RESISTOR 1R0 5W 5% WW		*NOT available in DP
4	1.0000	PC			RESISTOR;CEMENT;22 ohm;5W;5 %;2252 3060 RESISTOR 22R 5W 5% WW		*NOT available in DP
5	1.0000	PC			RESISTOR;CEMENT;1 ohm;10W;5 %;2252 3050 RESISTOR 1R0 10W 5% WW		*NOT available in DP
6	2.0000	PC			RESISTOR;CEMENT;1.5 ohm;5W;5 %;2252 9957 RESISTOR 1R5 5W 5% WW		*NOT available in DP
7	1.0000	PC			RESISTOR;CEMENT;2 ohm;10W;5 %;2252 9958 RESISTOR 2R 10W 5% WW		*NOT available in DP
8	1.0000	PC			RESISTOR;CEMENT;10 ohm;25W;5 %;2252 9959 RESISTOR 10R 25W 5% WW		*NOT available in DP
9	1.0000	PC			RESISTOR;CEMENT;18 ohm;5W;5 %;2252 3059 RESISTOR 18R 5W 5% WW		*NOT available in DP

Speaker Part

	Quantity	Unit	S.Sku	M.Sku	Description	Reference Designators	Notes
1	1.0000	PC	X79-00001-84265	H79-00001-84265	MAGNET;7600 0562 MAGNET ASSY - HF 3133G		
2	1.0000	PC	X79-00001-84396	H79-00001-84396	CONE;7000 0192 CONE - LF ARDEN COMPLETE		
3	1.0000	PC	X79-00001-84403	H79-00001-84403	VOICE COIL;7000 0080 COIL/SUSPENSION - 3133/3833		
4	1.0000	PC	X79-00001-84547	H79-00001-84547	GASKET;6839 0415 GASKET - BACK DRIVER		
5	1.0000	PC	X79-00001-84557	H79-00001-84557	GASKET;6839 0335 GASKET - TRIM		
6	1.0000	PC	X79-00001-84563	H79-00001-84563	GASKET;6839 0140 GASKET - SEAL		
7	1.0000	PC	X79-00001-84566	H79-00001-84566	DOMES;7600 0563 HF DIAPHRAGM - 33MM COMPLETE		
8	1.0000	PC	X79-00001-84591	H79-00001-84591	SPEAKER PARTS;7300 0275 HF COMPLETE - 33MM 3133/3833G		
9	1.0000	PC	X79-00001-84601	H79-00001-84601	SPEAKER PARTS;5830 0121 BOTTOM PLATE/POLE GOLD		
10	1.0000	PC	X79-00001-84647	H79-00001-84647	SPEAKER PARTS;7600 0564 PHASE CORRECTOR - HF 3133/3833G		
11	1.0000	PC	X79-00001-84673	H79-00001-84673	SURROUND;5720 0045 SURROUND - HF 33MM M99		
12	1.0000	PC	X79-00001-84679	H79-00001-84679	VOICE COIL;4 OHM;3234 0020 COIL - HF 33MM		
13	1.0000	PC	X79-00001-84680	H79-00001-84680	VOICE COIL;8 OHM;3234 0022 COIL - LF (3133/3833)		
14	1.0000	PC	X79-00001-84716	H79-00001-84716	DAMPER;5011 0002 PLUG DAMPER - HF		
15	1.0000	PC	X79-00001-84717	H79-00001-84717	CONE;5636 0047 CONE - 15IN PAPER 3833G		
16	1.0000	PC	X79-00001-84718	H79-00001-84718	SURROUND;5720 0047 SURROUND - 15IN RUBBER 320		
17	1.0000	PC	X79-00001-84730	H79-00001-84730	SPEAKER PARTS;5622 0071 FRAME - 15IN PAINTED GOLD		
18	1.0000	PC	X79-00001-84747	H79-00001-84747	SPEAKER PARTS;3638 0009 DIAPHRAGM - 33MM		
19	1.0000	PC	X79-00001-84756	H79-00001-84756	DAMPER;3129 0013 SUSPENSION - REAR 3133/3833G		
20	1.0000	PC	X79-00001-84777	H79-00001-84777	MAGNET;3261 0019 MAGNET - CERAMIC 107X44.5X18		
21	1.0000	PC	X79-00001-84779	H79-00001-84779	MAGNET;3261 0020 MAGNET - LF 3133 159X60X21.9		
22	1.0000	PC	X79-00001-84780	H79-00001-84780	SPEAKER PARTS;5830 0082 PLATE - TOP WITH COPPER RING		
23	1.0000	PC	X79-00001-84819	H79-00001-84819	SPEAKER PARTS;7600 2232 FRAME ASSY - 15IN ROUND GOLD ARDEN		

