

HIPPO X

For More Customized Box Volume Specifications
Please visit www.massiveaudio.com

Dimensions	H124	H124X/H122X	H152X/H154X
Mounting Depth(A)	8.04"	8.35"	9.42"
Mounting Diameter(B)	12.72"	12.72"	15.47"
Mounting Cut Diameter(C)	11.06"	8.86"	13.68"
Net Weight(lb)	30.4	46	46.1
Displacement(ft3)	0.1	0.12	0.17

	H124		H124X/H122X		H152X/H154X	
SEALED	Small	Large	Small	Large	Small	Large
Volume(cub.ft)	0.89	1.47	1	2	2.1	3
Internal Dimensions(in.)						
(width×Height×Depth)	13.9×13.9×8.92	15×15×12.1	13.9×13.9×9.8	15×15×16.1	20×17.5×11.3	23×17.5×17.5
F3 Hz	63	62.5	65	64	63	60
Qtc	0.65	0.6	0.53	0.47	0.5	0.58
PORTED						
Volume(cub.ft)	1.28	2	1.6	2.75	3	3.8
Internal Volume(W×H×D)	16×13.9×11	21×13.9×12.6	16×13.9×13.5	21×13.9×17	23×17.5×13.9	25.5×17.7×14.6
Fb Hz	35.7	30	28.7	24.6	30.7	28.7
F3 Hz	33	27.4	29	23.7	31	27.7
Port round(D×L)	2.75×7.87	3.15×9.45	2.75×10.4	3.15×10.5	3.94×8.07	3.94×6.9
Port Area sq.in.	5.97	7.79	5.97	7.79	12.2	12.2
Dual Sub Box Ported						
Volume(cub.ft)	2.1	2.6	2.6	3.2	4.8	6
Internal Volume(W×H×D)	28.8×13.9×10	32.7×13.9×13	28.8×13.9×13.1	32.7×13.9×13.4	36.8×17.5×14.4	33.5×17.7×18.7
Port (1)Sq.area.in.	7.74	7.74	7.74	7.74	12.2	12.2
Port Length	10.7	10.1	15	13.4	12.6	6.14
F3 Hz	36	33	32.5	29.5	35	31

The port may have to be placed along the back wall facing the side. Place a brace between the subs about 4 inches wide on the inside.

Make sure that the end of the port "inside the box" is at least the same distance away from the back wall as the port diameter. If port is 4" round = 4.5" from wall

Attention:

*Box sizes account for driver and port displacement

*For higher SPL shortening the port length 3 in. will rise frequency +/- 5 Hz

*Box specifications are internal. for external dimensions add the width of the box material to these dimensions.

*A square port (slot) is preferred in high power applications for less vent noise.

*Port area = width x height

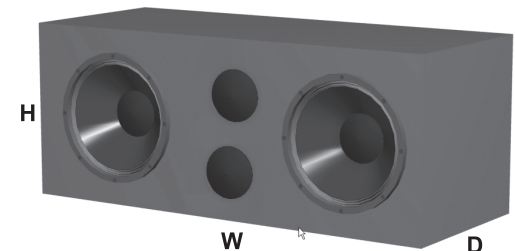
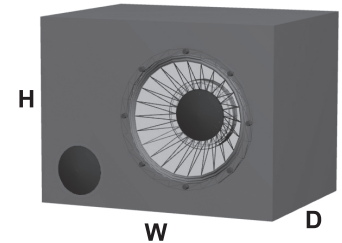
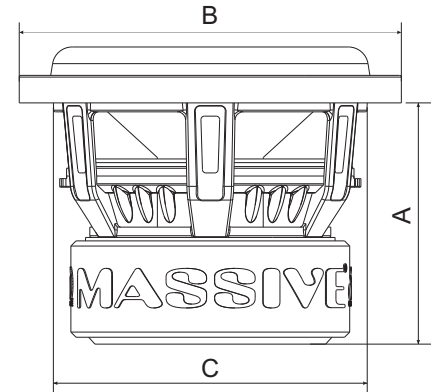
*For dual speaker, double the volume and the number of ports but keep the same length.

*If possible use a divided box.

*If a common chamber box is to be used, internal bracing is highly recommended

*Please contact Massive Audio for custom applications.

*Due to constant improvements, prices and specifications are subject to change without notice.



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SUBWOOFERS

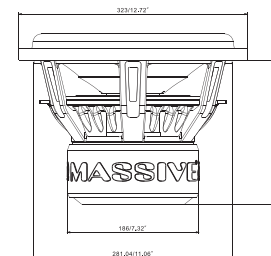
General Features

- * Heavy Duty, Rugged Industrial Textured Cast Aluminum Basket.
- * High Energy Double Stack Strontium Magnet Structure.
- * Dual Impedance Black Anodized Voice Coil Former with Kevlar Spunlace.
- * Kevlar Fiber Reinforced Non-Pressed Paper Cone with Industrial Textured Finish.
- * Red Stitched Edge to the Cone for Added Strength.
- * Over Sized Mirror Image Dual Poly / Nomex Spiders.
- * Black Anodized One Piece Pole-Plate for Added Motor Force.
- * Heavy Duty Direct Input Wires Connection to Voice Coils.
- * Reinforced Carbon fiber Dustcap for High Power Applications.
- * Custom Tooled Rubber Gasket and Magnet Boot.

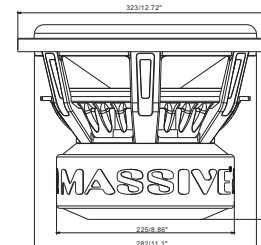
Specifications

CONFIGURATION		H124			H124X			H122X			H152X			H154X		
Voice	Coil	Dual 4ohm			Dual 4ohm			Dual 2ohm			Dual 2ohm			Dual 4ohm		
FS	Hz	43			38			38			39.585			37.323		
Qms		2.38			2.481			2.309			2.211			2.154		
Vas	liters	22.277			23.875			20.642			51.098			60.456		
Cms	µm/N	56.7			59.6			51.5			51.6			61.1		
Mms	g	241.459			236.1			284			312.976			297.571		
RMS	kg/s	27.43			25.3			32.2			35.24			32.4		
SPL@2.83V/1m	dB	87.43			89			91			93.43			90.5		
Watts RMS	W	1500			2000			2000			2000			2000		
Peak Power	W	3000			4000			4000			4000			4000		
Voice Coil Diameter	inch	3"			3"			3"			3"			3"		
Xmax	mm	14.25			20.5			20.5			20			20.5		
Magnet Weight	oz	165			274			274			273			273		
Xmech	mm	28.5			23.6			23.5			40			41		
Dia	mm	260			260			260			326			326		
Sd	sq.m	0.053			0.053			0.053			0.0835			0.0834		
Vd	liters	0.75			1.08			1.08			1.67			1.711		
ELECTRICAL		Individual	Parallel	Series	Individual	Parallel	Series	Individual	Parallel	Series	Individual	Parallel	Series	Individual	Parallel	Series
Qes		1.261	0.599	0.678	0.878	0.43	0.49	0.687	0.389	0.424	1.013	0.497	0.599	1.107	0.615	0.599
Re	ohms	3.2	1.6	6.4	3.2	1.6	6.4	1.8	0.9	3.6	1.8	0.9	3.6	3.2	1.6	6.4
Le	mH	0.939	0.937	4.662	1.027	1.015	4.984	0.685	0.683	3.382	0.609	0.603	4.373	0.939	0.922	4.373
BL	Tm	12.93	13.2	24.82	15.15	15.32	28.7	13.95	13.02	25.18	11.76	11.87	21.63	14.2	13.47	27.3
Pe	Watts	1000	1500	1500	2000	4000	4000	2000	4000	4000	1500	2000	2000	1500	2000	2000
ELECTROMECHANICAL																
Qts		0.824	0.465	0.531	0.648	0.365	0.407	0.53	0.334	0.35	0.695	0.398	0.484	0.731	0.49	0.47
no	%	0.135	0.285	0.252	0.199	0.41	0.364	0.207	0.366	0.336	0.302	0.61	0.51	0.274	0.49	0.51
1-W-SPL	dB	83.46	86.7	86.16	85.2	88.3	87.8	85.4	87.8	87.4	86.94	90.04	88.84	86.52	89.07	89.19
2.8V SPL	dB	87.43	93.69	87.13	89.2	95.3	88.7	91.8	97.3	90.9	93.43	99.5	89.81	90.5	96.06	90.16

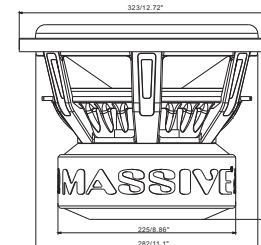
H124



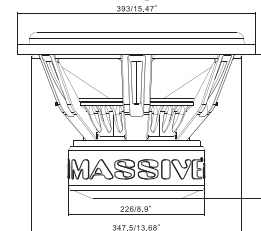
H124X



H122X



H152X



H154X

