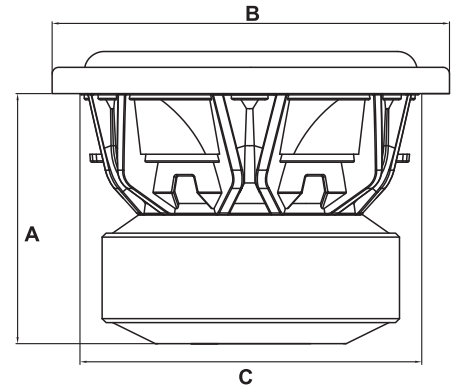


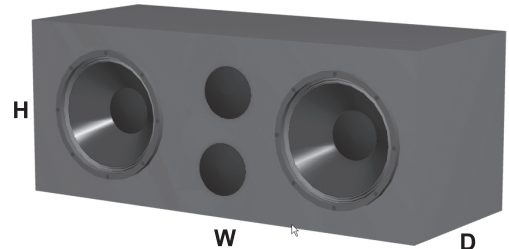
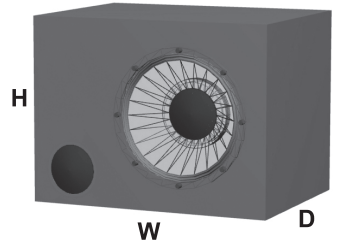
# HIPPO XL

For More Customized Box Volume Specifications  
Please visit [www.massiveaudio.com](http://www.massiveaudio.com)

	HIPPO XL64	HIPPO XL84	HIPPO XL82R	HIPPO XL84R
Mounting Depth (A)	4.49"	5.28"	5.63"	5.63"
Mounting Diameter (B)	7.20"	8.66"	8.66"	8.66"
Mounting cut Diameter (C)	5.94"	7.32"	7.32"	7.32"
Net Weight (lb)	10.36	15.43	15.22	15.22
Displacment (ft3)	0.027	0.045	0.05	0.05



SEALED	HIPPO XL64		HIPPO XL84		HIPPO XL82R		HIPPO XL84R	
	Small	Large	Small	Large	Small	Large	Small	Large
Volume(cub.ft)	0.43	0.66	0.7	1.08	1.04	1.39	1.04	1.39
Internal Dimensions(in.)								
(widthxHeightxDepth)	11.7x8.4x7.6	14.3x9.4x8.5	14x9.8x8.8	17x11x9.9	16.8x9.8x10.8	18.8x11x11.8	16.8x9.8x10.8	18.8x11x11.8
F3 Hz	51	50	51	50	50	49	50	49
Qtc	0.707	0.707	0.707	0.707	0.707	0.707	0.707	0.707
FORTED								
Volume(cub.ft)	0.49	0.78	0.79	1.24	1.17	1.55	1.17	1.55
Internal Volume(WxHxD)	13.3x8.4x7.6	17x9.4x8.5	16x9.8x8.8	19.6x11x9.9	17.8x9.8x11.5	19.8x11x12.5	17.8x9.8x11.5	19.8x11x12.5
Fb Hz	50	45	50	45	45	45	45	45
Cabin Gain dB/Hz								
Port round(DxL)	1.97x3.18	1.97x2.55	2.5x2.52	2.5x2.22	3.9x10.8	2.5x7.64	3.9x10.8	2.5x7.64
Port Area sq.in.	3.04	3.04	4.9	4.9	12.2	12.2	12.2	12.2
Dual Sub Box Ported								
Volume(cub.ft)	0.83	1.26	1.39	2.06	1.73	2.23	1.73	2.23
Internal Volume(WxHxD)	22.6x8.4x7.6	27x9.4x8.5	28x9.8x8.8	32.7x11x9.9	26.5x9.8x11.5	28.5x11x12.5	26.5x9.8x11.5	28.5x11x12.5
Port (1)Sq.area.in.	3.04	3.04	4.9	4.9	12.2	12.2	12.2	12.2
Port Length	1.5	1.41	1.24	1.09	8.8	6.2	8.8	6.2
Fb Hz	50	45	50	45	40	40	40	40



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.

# HIPPO XL

## 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 Fiberglass Woven Dustcap for High Power Applications.
- \* Custom Tooled Rubber Gasket and Magnet Boot.

### Specifications

CONFIGURATION		HIPPO XL64			HIPPO XL84			HIPPO XL82R			HIPPO XL84R		
Voice Coil		Dual 4 ohm			Dual 4 ohm			Dual 2 ohm			Dual 4 ohm		
Fs	Hz	57.39			49.96			48			48		
Qms		6.721			5.687			0.567			3.918		
Vas	liters	1.655			3.255			2.896			3.4		
Cms	µm/N	57			50			0.457			0.543		
Mms	g	134.9			203			240.6			208.1		
Rms	kg/s	7.239			11.2			128			15.59		
SPL@2.83V/1m	dB	85			86			84.44			78.58		
Watts RMS	W	300			700			900			900		
Peak Power	W	600			1400			1800			1800		
Xmax	mm	15			14			15			15		
Magnet Weight	oz	90			120			120			120		
Xmech	mm	15			21			22.5			22.5		
Dia	mm	134.9			165.1			164			163.5		
Sd	sq.m	0.0143			0.0214			0.021			0.021		
Vd	liters	0.143			0.3			0.317			0.315		
ELECTRICAL		Individual	Parallel	Series	Individual	Parallel	Series	Individual	Parallel	Series	Individual	Parallel	Series
Qes		1.656	0.831	0.87	1.315	0.716	0.758	0.288	0.393	0.383	1.443	0.883	0.752
Re	ohms	3.2	1.6	6.4	3.2	1.6	6.4	1.9	0.95	3.8	3.2	1.6	6.4
Le	mH	2.186	1.771	5.581	5.665	3.042	0.931	0.823	0.805	3.771	0.854	4.168	0.849
BL	Tm	9.695	9.678	18.92	12.45	11.93	23.2	21.88	13.25	26.83	11.8	10.66	34.55
Pe	Watts	150	300	300	350	700	700	900	1800	1800	900	1800	1800
ELECTROMECHANICAL													
Qts		1.33	0.74	0.767	1.071	0.636	0.669	0.191	0.232	0.229	1.055	0.721	0.631
no	%	0.0182	0.037	0.0347	0.0298	0.055	0.052	0.107	0.0786	0.0806	0.0251	0.042	0.0482
1-W-SPL	dB	74.75	77.75	77.55	76.88	79.52	79.28	82.45	82.36	81.21	74.61	78.38	78.98
2.8V SPL	dB	78.73	84.82	78.52	80.87	86.54	80.28	88.68	91.61	84.44	78.58	85.37	79.95

**600**  
PEAK WATTS

**1400**  
PEAK WATTS

**1800**  
PEAK WATTS

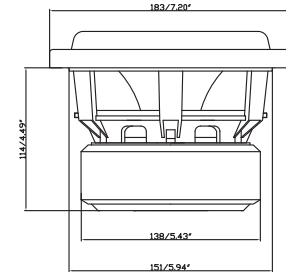


**RoHS** (E8)

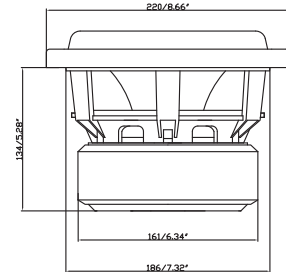
P.O. Box 252004 Los Angeles, CA 90025 U.S.A.  
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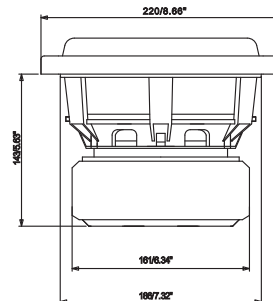
HIPPO XL 64



HIPPO XL 84



HIPPO XL 84R/82R





# HIPPO XL

## SUBWOOFERS

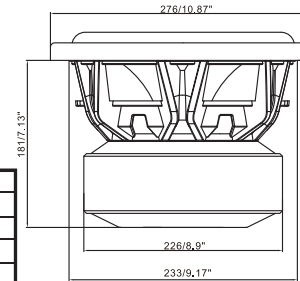
### General Features

- \* 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 Fiberglass Woven Dustcap for High Power Applications.
- \* Custom Tooled Rubber Gasket and Magnet Boot.

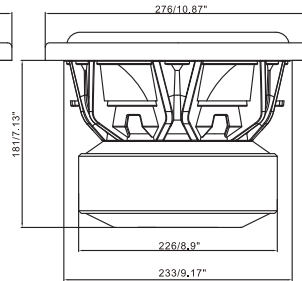
### Specifications

Mechanical	HIPPO XL 102		HIPPO XL 104		HIPPO XL 124		HIPPO XL 122		HIPPO XL 122R		HIPPO XL 152		HIPPO XL 152R		
FS	Hz	48	52	45,320	46,203	44,712	43,089	41,068							
Qms		5.62	6.139	5.468	7.983	5.968	4.437	5.150							
Vas	liters	7.74	7.744	14,621	14,202	14,218	30,194	31,246							
Cms	µm/N	41.385	41.377	30,860	35.48	35,502	28,373	27,468							
Mms	g	263	223.6	332,165	334,435	356,707	480,854	506,721							
RMS	kg/s	14.25	12.04	17.2	17.5	18.5	21.8	23.5							
SPL @ 2.83V/1m	dB	84	84	86	86	87	88	89							
Watts RMS	W	2000	2000	2000	2000	3000	2000	3000							
Peak Power	W	4000	4000	4000	4000	6000	4000	6000							
Xmax	mm	17.5	17.5	17.5	17.5	22	17.5	22							
Magnet Weight	oz	280	280	280	280	360	280	360							
Xmech	mm	26.25	26.25	45	45	35	45	356							
Da	mm	215	215	260	260	260	320	320							
Sd	sq.m	0.036	0.036	0.053	0.053	0.053	0.0804	0.0804							
Vd	liters	0.635	0.635	0.795	0.795	1.012	1.206	1.412							
Electrical	Parallel	Series	Parallel	Series	Parallel	Series	Parallel	Series	Parallel	Series	Parallel	Series	Parallel	Series	
Qes		0.535	0.561	0.708	0.709	0.587	0.506	0.477	0.446	0.424	0.388	0.428	0.749	0.417	0.567
Re	Ohms	0.9	3.6	1.6	6.4	1.6	6.4	0.9	3.6	0.9	3.6	0.9	3.6	0.9	3.6
Le	mH	0.4373	1.423	0.5969	1.883	2.368	7.245	1.883	6.123	5.572	9.876	1.741	7.246	5.460	8.490
BL	Tm	11.59	22.59	12.89	25.68	14.571	27.223	14.958	29.939	14.693	30.493	17.423	26.368	15.608	31.563
Pe	Watts	1500	1500	1500	1500	2000	2000	2000	2000	3000	3000	2000	2000	3000	3000
Electromechanical	Parallel	Series	Parallel	Series	Parallel	Series	Parallel	Series	Parallel	Series	Parallel	Series	Parallel	Series	
Qts		0.488	0.51	0.635	0.635	0.481	0.464	0.450	0.450	0.397	0.364	0.391	0.672	0.393	0.398
no	%	0.157	0.147	0.152	0.148	0.265	0.226	0.284	0.284	0.335	0.317	0.545	0.312	0.331	0.365
1-W-SPL	dB	84.03	83.83	84.03	83.83	86.3	86.4	86.6	86.8	86.1	86.3	88.6	88.8	86.8	82.0
2.8V-SPL	dB	93.59	88.02	93.59	88.02	87.6	87.5	95.33	92.30	86.7	86.9	96.5	93.1	87.8	88.1

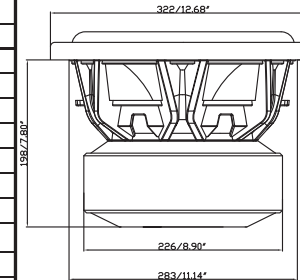
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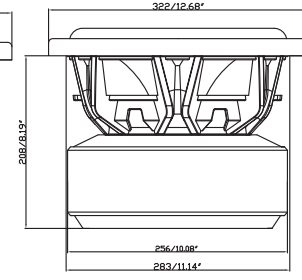
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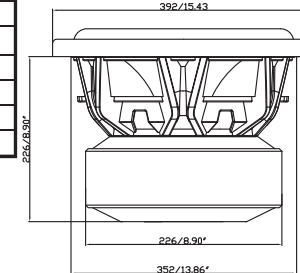
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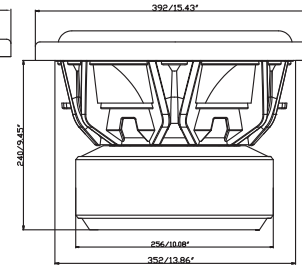
HIPPO XL 122R



HIPPO XL 152



HIPPO XL 152R



**4000 PEAK WATTS** **6000 PEAK WATTS**



