

HIPPO XL

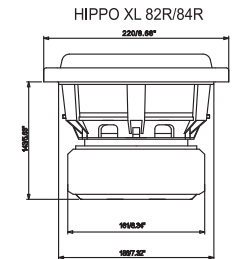
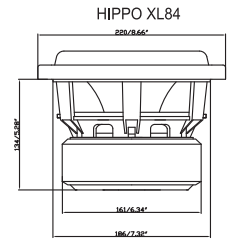
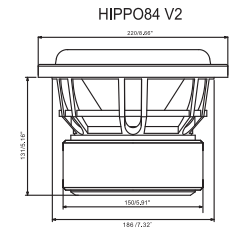
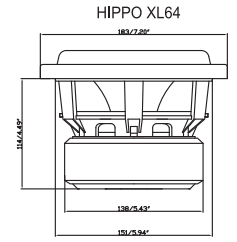
SUBWOOFERS

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			HIPPO84 V2			HIPPO XL84			HIPPO XL 82R			HIPPO XL 84R		
Voice Coil		Dual 4 ohm			Dual 4 ohm			Dual 4 ohm			Dual 2 ohm			Dual 4 ohm		
Fs	Hz	57.39			53.867			49.96			48			48		
Qms		6.721			8.742			5.687			0.567			3.918		
Vas	liters	1.655			4.149			3.255			2.896			3.4		
Cms	µm/N	57			65.483			50			0.457			0.543		
Mms	g	134.9			133.309			203			240.6			208.1		
Rms	kg/s	7.239			5.239			11.2			128			15.59		
SPL@2.83V/1m	dB	85			86			86			84.44			78.58		
Watts RMS	W	300			500			700			900			900		
Peak Power	W	600			1000			1400			1800			1800		
Xmax	mm	15			11			14			15			15		
Magnet Weight	oz	90			100			120			120			120		
Xmech	mm	15			16.5			21			22.5			22.5		
Dia	mm	134.9			164			165.1			164			163.5		
Sd	sq.m	0.0143			0.021			0.0214			0.021			0.021		
Vd	liters	0.143			0.232			0.3			0.317			0.315		
ELECTRICAL		Individual	Parallel	Series	Individual	Parallel	Series	Individual	Parallel	Series	Individual	Parallel	Series	Individual	Parallel	Series
Qes		1.656	0.831	0.87	1.404	0.686	0.668	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	3.4	1.7	6.8	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	40	46	147	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	10.45	10.65	20.74	12.45	11.93	23.2	21.88	13.25	26.83	11.8	10.66	34.55
Pe	Watts	150	300	300	500	1000	1000	350	700	700	900	1800	1800	900	1800	1800
ELECTROMECHANICAL																
Qts		1.33	0.74	0.767	1.21	0.63	0.618	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	0.045	0.083	0.092	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	78	81	81	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	82	88	82	80.87	86.54	80.28	88.68	91.61	84.44	78.58	85.37	79.95



600 PEAK WATTS **1000 PEAK WATTS** **1400 PEAK WATTS** **1800 PEAK WATTS**



P.O. Box 252004 LOS ANGELES, CA 90025 U.S.A.
WWW.MASSIVEAUDIO.COM

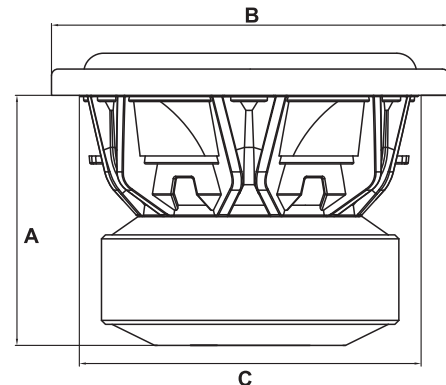


®

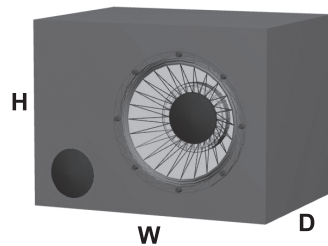
HIPPO XL

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

	HIPPO XL64	HIPPO84 V2	HIPPO XL84	HIPPO XL 82R	HIPPO XL 84R
Mounting Depth (A)	4.49"	5.16"	5.28"	5.63"	5.63"
Mounting Diameter (B)	7.20"	8.66"	8.66"	8.66"	8.66"
Mounting cut Diameter (C)	5.94"	7.32"	7.32"	7.32"	7.32"
Net Weight (lb)	10.36	15.32	15.43	15.22	15.22
Displacment (ft3)	0.027	0.04	0.045	0.05	0.05



	HIPPO XL64		HIPPO84 V2		HIPPO XL84		HIPPO XL 82R		HIPPO XL 84R	
	Small	Large	Small	Large	Small	Large	Small	Large	Small	Large
SEALED										
Volume(cub.ft)	0.43	0.66	0.6	0.9	0.7	1.08	1.04	1.39	1.04	1.39
Internal Dimensions(in.)										
(width*Height*Depth)	11.7x8.4x7.6	14.3x9.4x8.5	12.6x9.6x9.1	17x11x9.9	14x9.8x8.8	17x11x9.9	16.8x9.8x10.8	18.8x11x11.8	16.8x9.8x10.8	18.8x11x11.8
F3 Hz	51	50	41	40	51	50	50	49	50	49
Qtc	0.707	0.707	0.624	0.606	0.707	0.707	0.707	0.707	0.707	0.707
FORTED										
Volume(cub.ft)	0.49	0.78	0.8	1.3	0.79	1.24	1.17	1.55	1.17	1.55
Internal Volume(WxHxD)	13.3x8.4x7.6	17x9.4x8.5	15.7x9.6x11	19.7x9.6x13.4	16x9.8x8.8	19.6x11x9.9	17.8x9.8x11.5	19.8x11x12.5	17.8x9.8x11.5	19.8x11x12.5
Fb Hz	50	45	44.8	35	50	45	45	45	45	45
Cabin Gain dB/Hz										
Port round(DxL)	1.97x3.18	1.97x2.55	3.94x11.8	3.94x11.8	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	12.16	12.16	4.9	4.9	12.2	12.2	12.2	12.2
Dual Sub Box Ported										
Volume(cub.ft)	0.83	1.26	1.3	1.9	1.39	2.06	1.73	2.23	1.73	2.23
Internal Volume(WxHxD)	22.6x8.4x7.6	27x9.4x8.5	23.8x9.6x10.4	23.8x9.6x15.8	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	12.16	12.16	4.9	4.9	12.2	12.2	12.2	12.2
Port Length	1.5	1.41	15.75	15.75	1.24	1.09	8.8	6.2	8.8	6.2
Fb Hz	50	45	31	29.6	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.

