



KILO

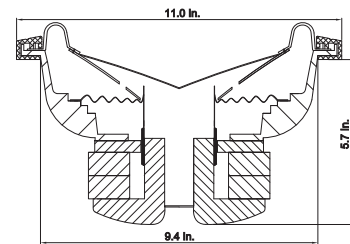
Subwoofers

General Features

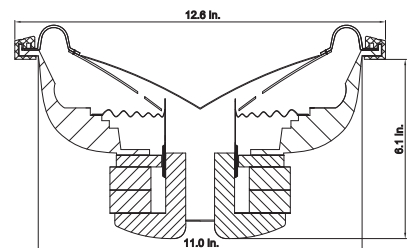
- * Heavy Duty Diamond Polished Cast Aluminum Basket
- * High Energy Double Stacked 150 Oz. Strontium Magnet Structure
- * Dual Impedance Black Anodized Former With EISV Voice Coil
- * Poly Cotton Spider With Woven Round Tinsel Leads
- * Semi Pressed Paper Cone
- * Custom Tooled Tall/Narrow Foam Edge
- * V-Shape Weaved Glassfiber Center Dustcap
- * Custom Tooled Rubber Gasket
- * Custom Tooled Bottom Plate To Insure Noise Free Ventilation

Specifications

CONFIGURATION	KILO 104			KILO 124			KILO 122		
Voice Coil	Dual 4 Ohm			Dual 4 Ohm			Dual 2 Ohm		
FS	Hz	41.57		40.54			40.43		
Qms		2.33		5.494			4.076		
Vas	liters	18.54		35.43			35.29		
Cms	um/N	99.05		98.7			98.3		
Mms	g	147.95		156.1			157.6		
Rms	Kg/s	16.56		7.239			9.825		
Xmax	mm	10.80		10.80			9.00		
Xmech	mm	16.20		16.200			13.50		
Dia.	mm	215.00		253			253.00		
Sd	sq.m	0.040		0.0503			0.0503		
Vd	liters	0.39		0.543			0.453		
ELECTRICAL									
Qes		1.06	0.55	0.61	1.889	0.834	0.879	1.15	0.596
Re	ohms	3.80	1.80	7.20	3.80	1.80	7.20	1.8	0.9
Le	mH	0.66	0.66	3.10	0.678	0.699	3.317	0.419	0.413
BL	Tm	11.34	11.46	21.74	9.207	9.355	18.1	7.916	8.631
Pe	Watts	250	500	500	250	500	500	250	500
ELECTROMECHANICAL									
Qts		0.739	0.433	0.496	1.292	0.708	0.76	0.897	0.502
no	%	0.119	0.222	0.200	0.135	0.263	0.256	0.196	0.313
1-W-SPL	dB	82.8	85.5	85.0	83.44	86.35	86.24	85.06	87.1
2.8V SPL	dB	86.4	92.0	85.6	86.82	92.82	86.69	91.55	96.59



KILO 10



KILO 12

1000
PEAK WATTS



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KILO

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	KILO 10	KILO 12
Mounting Depth (A)	5.7 in.	6.1 in.
Mounting Diameter (B)	11.0 in.	12.6 in.
Mounting cut diameter (C)	9.4 in.	11.0 in.
Net weight (Lb)	16.0	16.5
Displacement (ft3)	0.0963	0.143

Recommended Enclosures:						
	KILO 104		KILO 124		KILO 122	
SEALED	Small	Large	Small	Large	Small	Large
Volume (cu. ft.)	0.88	1.25	0.98	1.85	0.96	1.2
Internal Dimensions (in.) (width x Height x Depth)	14x12x9	18x13x9.5	14x14x8.75	20x14x11.5	14x14x8.75	18x13x9.5
F3 Hz	63	60	60	44	62	68
Qtc	0.91	0.78	1.1	0.88	0.8	0.707
PORTED	Small	Large	Small	Large	Small	Large
Volume (cu. ft.)	1.2	1.45	1.5	1.95	1.4	1.85
Internal Volume (W x H x D)	18x13x9.5	20x14x9.25	20x14x9.25	20x14x12	20x14x9.0	24x15x9.25
Fb Hz	40	37	43	39	42	35
Cabin Gain dB/Hz	7@40	9@38	7@65	6@40	6@45	7@38
Port round (D x L)	3x8	3x8	4x8.25	4x7.5	4x10	4x13
Port Area sq. in.	11.75	11.75	12.56	12.56	12.56	12.56
Dual Sub Box Ported						
Volume (cu. ft.)	2.4	3	3.2	3.9	2.8	3.7
Internal Volume (W x H x D)	26x16x8.75	28x18x11.25	28x14x13.75	28x16.75x14	28x14x12.25	28x14x12.25
Port (1) Sq. area in.	19.63	19.63	28.27	28.27	28.27	28.27
Port Length	10	9.5	9.5	8.25	12.5	13.25
Fb Hz	40	37	43	39	42	35

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.

