



POWER ACOUSTIK

When technology advances, products do as well. Does Lamborghini need to refine their cars every 2 years? NO, they do because they can. After 6 years, it is time for a change. Say "See Ya!" to the old MOFO, and welcome the new MOFO-X subwoofers! The new motor is refined and increases efficiency dramatically! MOFO-X subs use a non-pressed pulp cone for durability and smooth low bass. Like the original MOFOs, the new models use an aluminum dustcap that couples to the voice coil former and extends over the cone. Why? The fins brace the cone and eliminate cone flex during high excursion. Since the cap is aluminum and coupled to the coil former, it acts as a heat sink or heat extractor. Using the latest materials, the new MOFO-X subs yield superior performance!

MOFO-X Features

*Overcompensating Motor Structure for Increased Magnetic Strength
12mm T-Yoke & Top Plate Improve Low Frequency Dynamics
Vented T-Yoke & Frame Reduces Voice Coil Heat Build-up
Die Cast Aluminum Heatsink Dust Cap Absorbs Voice Coil Heat
Aluminum Dust Cap Fins Dissipate Heat & Strengthen Cone
Non-Magnetic Non-Resonate Die-Cast Aluminum Frame*

*2.5" 4-Layer Voice Coil w/ Large Gauge Wire Increases Power
High-Temperature Tolerance Adhesives Resist Thermal Failure
Nickel Plated 8ga Spring-Loaded Compression Wire Terminals
Non-Transfer Spruce Pulp Cone w/ UV & Chemical Protection
High Density Polyether Foam Surround w/ UV Chemical Protection
Dual Poly-Cotton Suspension Dampen Violent Accelerations*

Enclosure Recommendations

All enclosures should be made of .75" (3/4") material only. When possible, make the baffle 1.5" (1 1/2") thick and add .75" (3/4") to the depth of the enclosure to compensate. All volumes INCLUDE vent/port and subwoofer displacements. DO NOT change the volume unless you plan on adding a substantial amount of bracing. For added performance, applying a coat of fiberglass resin to the interior walls will greatly improve sealing the enclosure. Adding a thin layer of poly-fill will improve response by smoothing out enclo-

MOFO-10 Sealed	
Cubic Feet	Tuning Frequency
0.75	49.7

MOFO-12 Sealed	
Cubic Feet	Tuning Frequency
1.00	54.0

MOFO-15 Sealed	
Cubic Feet	Tuning Frequency
2.00	40

MOFO-10 Ported		
Cubic Feet	Port Diameter	Tuning Frequency
1.25	3" x 11.5"	31.1

MOFO-12 Ported		
Cubic Feet	Port Diameter	Tuning Frequency
2.00	4" x 12"	36.8

MOFO-15 Ported		
Cubic Feet	(x2) Port Diameter	Tuning Frequency
4.00	4" x 11.75"	35.6

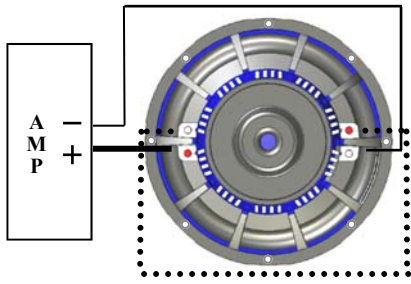
Driver Parameters & Specifications

Series Wired	102X	104X	122X	124X	152X	154X
FS (Hz)	26.71	29.63	28.9	30.3	24.1	24.4
QMS	4.45	5.06	5.559	6.11	6.103	5.95
VAS (ft³)	.908	.869	1.367	1.353	3.761	4.077
X-MAX (mm)	15	15	15	15	15	15
X-MECH (mm)	21	21	23	23	23	23
QES	.33	.45	0.429	0.47	0.480	0.51
RE (Ω)	3.84	7.24	3.922	7.22	3.95	7.23
BL (Tesla)	21.22	24.44	20.28	25.7	21	26.3
RMS Power	1,200w	1,200w	1,500	1,500	1,700	1,700
MAX Power	2,400w	2,400w	2,700	2,700	3,000	3,000
QTS	.31	.42	0.399	.44	0.445	0.47
SPL (1w/1m dB)	83.6	83.4	85.4	85.4	86.9	87
Voice Coil	DVC 2Ω	DVC 4Ω	DVC 2Ω	DVC 4Ω	DVC 2Ω	DVC 4Ω

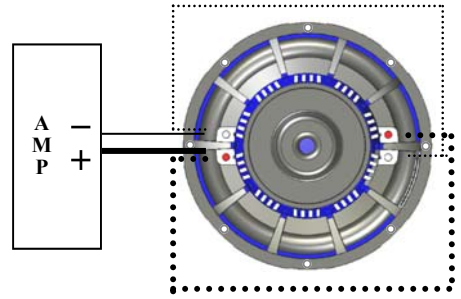
Physical Dimensions

	MOFO-10	MOFO-12	MOFO-15
Overall Diameter	10.75"	12.625"	15.5"
Overall Height	7.00"	7.875"	9.25"
Mounting Depth	6.125"	6.875"	8.125"
Cutout Diameter	9.00"	11.25"	14.125"
Motor Diameter	7.125"	7.875"	7.875"
Motor Height	2.625"	3.00"	3.00"
Flange Width	0.75"	0.75"	0.75"
Flange Height	0.50"	.625"	.625"
Weight	21lbs.	26lbs.	30lbs.

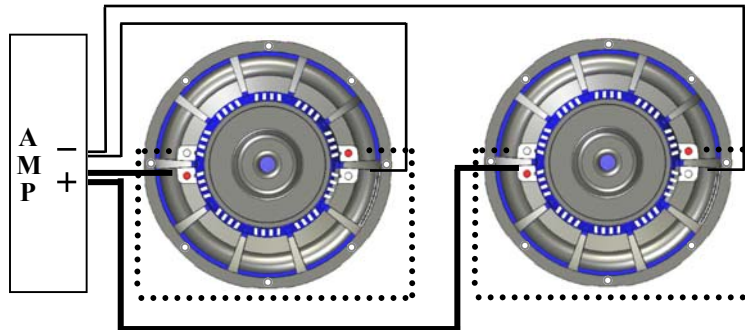
Flip me over for woofer wiring diagrams...



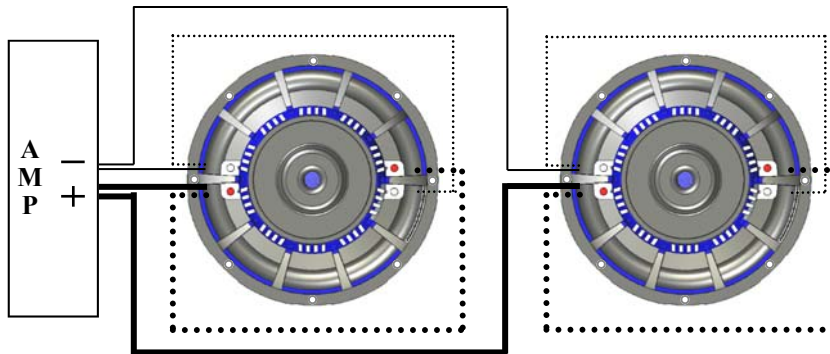
1 MOFO DVC2 Wired to 4Ω
1 MOFO DVC4 Wired to 8Ω



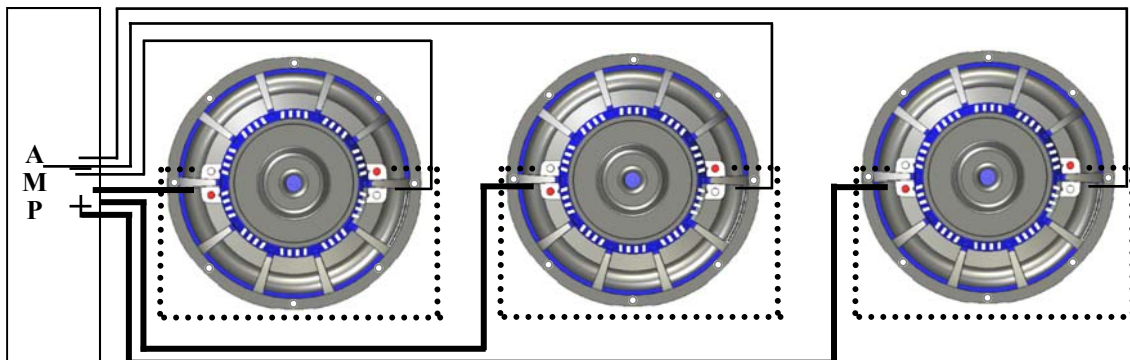
1 MOFO DVC2 Wired to 1Ω
1 MOFO DVC4 Wired to 2Ω



2 MOFO DVC2 Wired to 2Ω
2 MOFO DVC4 Wired to 4Ω



2 MOFO DVC2 Wired to $.5\Omega$
2 MOFO DVC4 Wired to 1Ω



3 MOFO DVC2 Wired to 1.33Ω
3 MOFO DVC4 Wired to 2.67Ω