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MOFO

122X - 152X

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

Royal Blue Finish w/ Diamond Cut Accents	Nickel Plated 8ga Compression Wire Terminals
Die Cast Aluminum Voice Coil Heatsink	Dual Poly-Cotton Spiders
Non-Pressed Pulp Cone	Die-Cast Aluminum Frame
Polyether Foam Surround	170oz Strontium Ferrite Magnet
2.5" 4-Layer Voice Coil on Aluminum Former	Vented Pole Piece

Driver Specifications

Series Wired	MOFO-122X	MOFO-152X
FS (Hz)	28.9	24.1
QMS	5.559	6.103
VAS (ft ³)	1.367	3.761
X-MAX (mm)	15	15
X-MECH (mm)	25	25
QES	0.429	0.480
RE (Ω)	3.922	3.95
BL (Tesla)	20.28	21
RMS Power	1,500	1,700
MAX Power	2,700	3,000
QTS	0.399	0.445
SPL (1w/1m dB)	85.4	86.9
Voice Coil	2.5 DVC 2Ω	2.5 DVC 2Ω
Overall Diameter	12.625"	15.5"
Overall Height	7.875"	9.25"
Mounting Depth	6.875"	8.125"
Cutout Diameter	11.25"	14.125"
Motor Diameter	7.875"	7.875"
Motor Height	3"	3"
Flange Width	.75"	.75"
Flange Height	.625"	.625"
Weight	26lbs.	30lbs.

Enclosure Recommendations

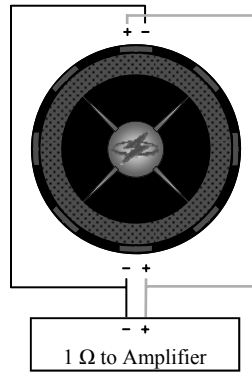
All enclosures should be made of .75" (3/4") material only. When possible, make the baffle 1.5" (1 1/2") thick and add .75" (3/4") to the depth of the enclosure to compensate. All volumes INCLUDE vent/port and subwoofer displacements. DO NOT change the volume unless you plan on adding a substantial amount 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 reflections within the enclosure.

MOFO-122X Sealed		MOFO-122X Ported		
Cubic Feet	F3 (Hz)	Cubic Feet	Port Diameter	Tuning (Hz)
1.00	54.0	2.00	4" x 12"	36.8

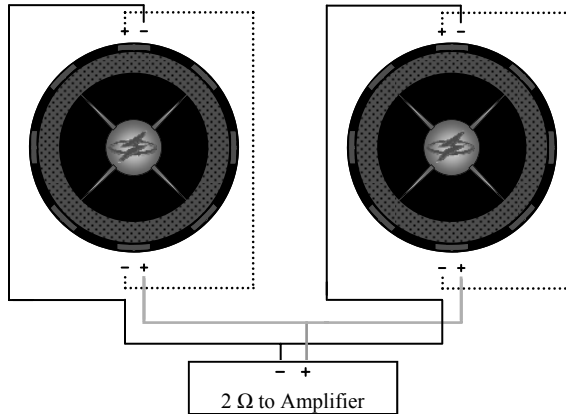
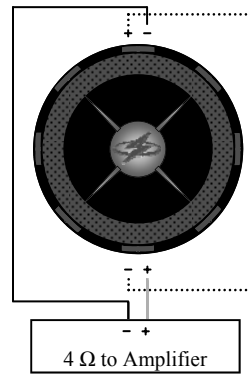
MOFO-152X Sealed		MOFO-152X Ported		
Cubic Feet	F3 (Hz)	Cubic Feet	Port Diameter	Tuning (Hz)
2.00	40.5	4.00	(2) 4" x 11.75"	35.6

Turn over for woofer wiring diagrams...

Wiring method of 1 MOFO to a monoblock amplifier with a **1 ohm RMS** rating the same as the MOFO's **RMS** rating.

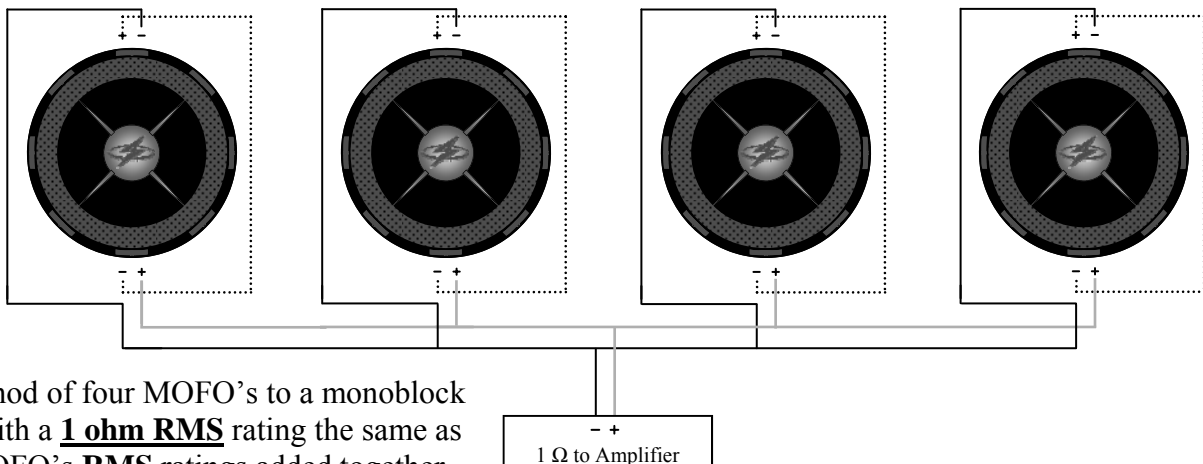
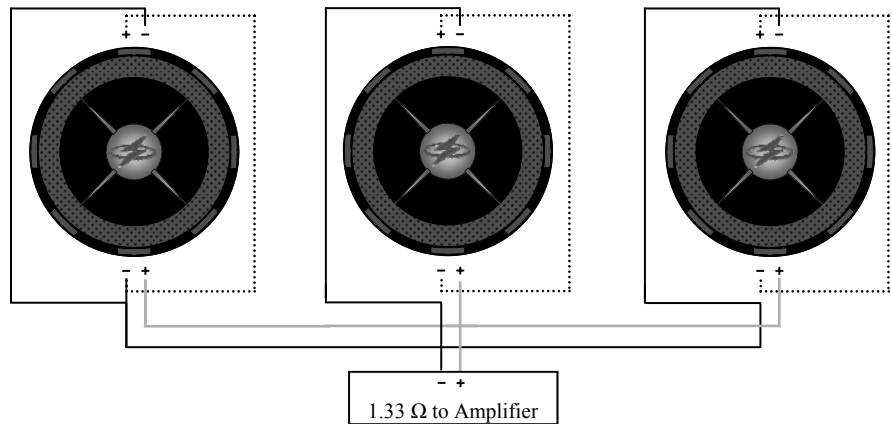


Wiring method of 1 MOFO to a 2 channel amplifier with a **4 ohm bridged RMS** rating the same as the MOFO's **RMS** rating.



Wiring method of two MOFO's to a monoblock amplifier with a **2 ohm RMS** rating the same as both MOFO's **RMS** ratings added together.

Wiring method of three MOFO's to a monoblock amplifier with a **1 ohm RMS** rating the same as all three MOFO's **RMS** ratings added together.



Wiring method of four MOFO's to a monoblock amplifier with a **1 ohm RMS** rating the same as all four MOFO's **RMS** ratings added together.